AIR CONDITIONERS 2017

LG Business Solutions

LG Electronics

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Web: www.lg.com/business

For continual product development, LG reserves the right to change specifications without notice.

Information on the complete range of LG Air Conditioning and Energy Solutions is available on our website. You can also download from PDF versions from our website. Whilst every care has been taken in the preparation of this catalogue, some changes may have occurred since publication. LG Electronics cannot accept responsibility for errors and omissions.

LG Electronics UN Limited have been working closely with their supplier's to reduce their environmental impact on the world.

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG Electronics participates in the Eurovent Certification Programme For Comfort Air Conditioners and VRF, the certified models are listed in the Eurovent Directory.
Check on-going validity of certificate: www.eurovent-certification.com

Distributed by

LGUNWSMCat-03/17

LG

Split and Multi Split Systems

2017

LG HVAC SOLUTIONS UK

LG Business Solutions

EUROPEAN SALES INFRASTRUCTURE

Europe B2B Regional Head Office

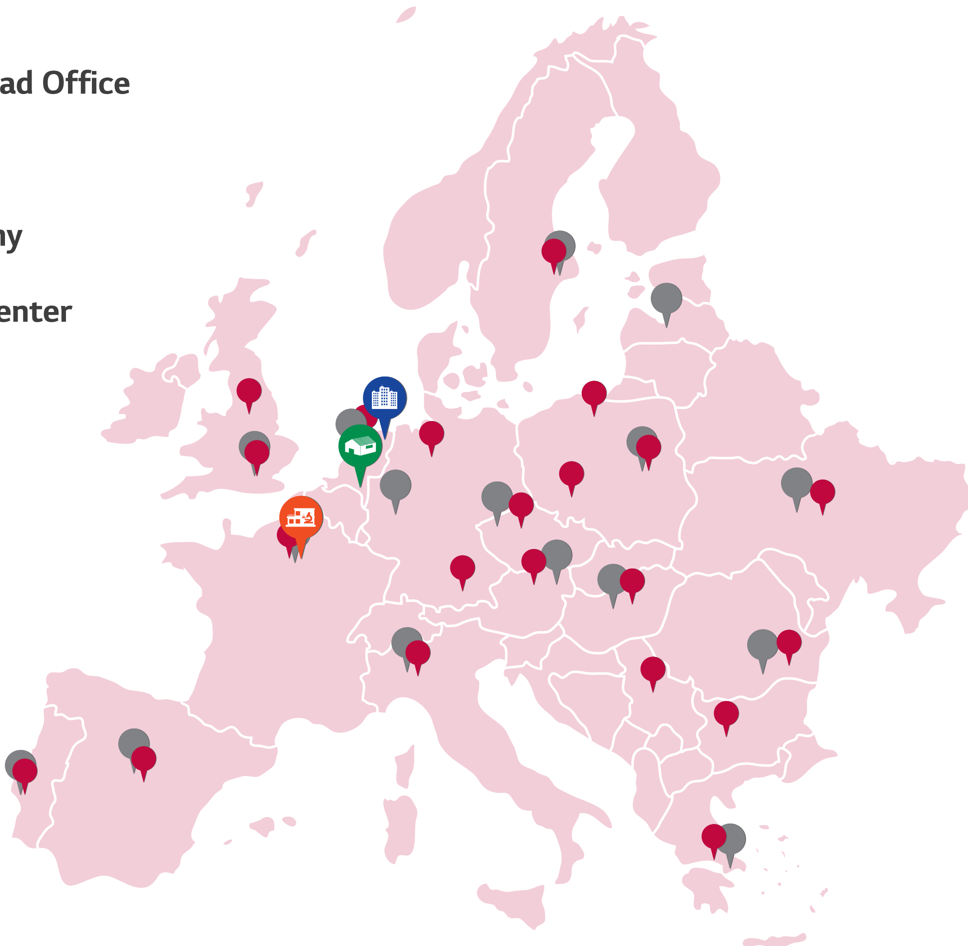
National Sales Office

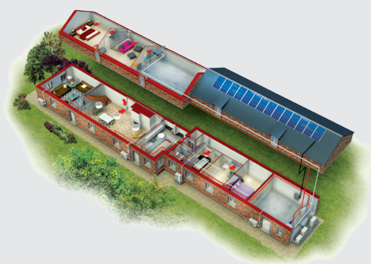
Air Conditioning Academy

European Distribution Center

Europe Energy Lab

Production Site





LG Energy Labs in Europe

Committed to meet all the requirements regarding energy efficiency and environmental demands, LG has been running Energy Labs. LG Energy Lab is an innovative site dedicated to commercial and residential products in heating, ventilation and the latest energy efficient air conditioning solutions. Also as a showcase, LG Energy Lab is equipped with complete monitoring and control systems. The performance of all products will be tracked and Analysed by a team of Research and Development engineers based in France, Finland and Korea, ensuring efficiency and reliability during the whole product lifecycle.

European Air Conditioning Distribution Center

LG's European Air Conditioning Distribution Center is located in Oosterhout, the Netherlands. Supplying and delivering products to 15 countries in Europe, this distribution hub has contributed to smooth and rapid delivery, direct shipping for smaller orders and delivery tailored to air conditioners. The hub tries to manage inventory efficiency by taking advantage of LG EU's established inventory pool.

GLOBAL PRODUCTION SITE

TOTAL HVAC SOLUTION PROVIDER

Ever since manufacturing Korea's first home grown air conditioner in 1968, LG has remained at the forefront of air conditioning innovation. LG has been the world's top selling manufacturer of residential air conditioning solutions. In 2008, LG achieved to sell the total of more than 100 million air conditioners.

LG has evolved into the total HVAC and energy solution provider, investing in new technologies and adding chillers, VRF systems, and building management systems (BMS) into its comprehensive product portfolio. Along with a wide range of innovative solutions, LG delivers unrivaled customer service.

Take a look inside LG's impressive Research and Development Labs demonstrating key concept design and engineering capabilities, LG strive to achieve advance research and development, keeping ahead of global trends. http://bit.ly/2lvk9Bx

The company produces high quality air conditioning professionals at its academies, of which there are nearly 80 worldwide. These centers of excellence provide workshops and training programs that offer invaluable hands-on experience. LG also provides useful tools for HVAC system engineers and installers, including its time saving LG Air Conditioner Technical Solution (LATS) software. Additionally, LG operates several state-of-the-art R&D facilities globally.

One such facility is the Energy Lab, a purpose-built R&D and testing center in northern France. Helping to keep the company ahead of the competition, the scientists and engineers at the Energy Lab study the effects of different environmental conditions on LG's products. This in-depth research and analysis enables LG to tailor its solutions to the specific environmental demands of each individual market. Combining the best technologies with the best ideas, LG's high quality products are now enjoyed by customers in over 100 countries.

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COMMERCIAL

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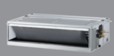
SINGLE SPLIT

LINE-UP

New for 2017, the Hi Wall Single Split Units are now compatible with the Multi Split Outdoor Unit range, providing a large selection of indoor unit models choice.

○ Single Only ○● Compatible ● Multi Only

INDOOR UNIT

Category		kBtu/h	5	7	9	12	15	18	24
		kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Wall Mounted Unit	Prestige				○ H09AL	○ H12AL			
	ARTCOOL Stylist				○ G09WL	○ G12WL			
	ARTCOOL Gallery				● MA09AH1	● MA12AH1			
	ARTCOOL	2017 NEW 		● AM07BP	○● AM09BP	○● AM12BP		○● AM18BP	● AM24BP
	Deluxe	2017 NEW 		● DM07RP	○● DM09RP	○● DM12RP		○● DM18RP	○● DM24RP
	Standard Plus	2017 NEW 	● PM05SP	● PM07SP	○● PM09SP	○● PM12SP	● PM15SP	○● PM18SP	○● PM24SP
	Standard				○ P09EN	○ P12EN		○ P18EN	○ P24EN
Ceiling Mounted Cassette	1 Way Cassette				● MT09AH	● MT11AH			
	4 Way Cassette		● MT06AH	● MT08AH	● CT09	● CT12		● CT18	● CT24
Ceiling Concealed Duct	Mid / High Static Pressure							● CM18	● CM24
	Low Static Pressure				● CB09L	● CB12L		● CB18L	● CB24L
Ceiling & Floor Convertible Unit / Ceiling Suspended Unit		 			● CV09	● CV12		● CV18	● CV24
Console					● CQ09	● CQ12		● CQ18	

OUTDOOR UNIT

Category			kBtu/h	9	12	14	16	18	21	24	27	30	40	46	48	57
			kW	2.5	3.5	4.1	4.7	5.3	6.2	7.0	7.9	8.8	11.7	13.5	14.1	16.7
Single		Prestige		○ H09AL	○ H12AL											
Single		ARTCOOL Stylist		○ G09WL	○ G12WL											
Single		ARTCOOL	2017 NEW	○ AM09BP	○ AM12BP			○ AM18BP								
Single		Deluxe	2017 NEW	○ DM09RP	○ DM12RP			○ DM18RP		○ DM24RP						
Single		Standard Plus	2017 NEW	○ PM09SP	○ PM12SP			○ PM18SP		○ PM24SP						
Single		Standard		○ P09EN	○ P12EN			○ P18EN		○ P24EN						
Multi	Multi Piping	Max. 2 IDUs (1Ø)	2017 NEW			● MU2M15	● MU2M17									
Multi	Multi Piping	Max. 3 IDUs (1Ø)	2017 NEW					● MU3M19	● MU3M21							
Multi	Multi Piping	Max. 4 IDUs (1Ø)	2017 NEW							● MU4M25	● MU4M27					
Multi	Multi Piping	Max. 5 IDUs (1Ø)	2017 NEW									● MU5M30	● MU5M40			
Multi	DB Box Type	Max. 7 IDUs (1Ø, 3Ø)											● FM40AH	● FM41AH		
Multi	DB Box Type	Max. 8 IDUs (1Ø, 3Ø)													● FM48AH FM49AH	
Multi	DB Box Type	Max. 9 IDUs (1Ø, 3Ø)														● FM56AH FM57AH

FEATURE OVERVIEW

INVERTER COMPRESSOR 10 YEAR WARRANTY

Smart Inverter

Energy Efficiency: Cooling / Heating

Model	Type	Capacity	Cooling	Heating	SMART: Embedded Wi-Fi	SMART: Smart Diagnosis	ENERGY EFFICIENCY: Active Energy Control	ENERGY EFFICIENCY: Energy Display	DURABILITY: Gold Fin™
Prestige 	Single Only	9k	A+++	A+++	● [3] (Ready)		●		●
		12k	A+++	A+++					
ARTCOOL Stylist 	Single Only	9k	A+	A	● [3] (Ready)				●
		12k	A+	A					
ARTCOOL Gallery 	Multi Only	9k	A++[2]	A+[2]					●
		12k	A++[2]	A+[2]					
ARTCOOL 	Compatible	9k, 12k, 18k	A++	A+	●	●	●	●	●
	Multi Only	7k, 24k	A++[2]	A+[2]	●				●
Deluxe 	Compatible	9k, 12k	A++	A++	●	●	●	●	●
		18k, 24k	A++	A+					
	Multi Only	7k	A++[2]	A+[2]	●				●
Standard Plus 	Compatible	9k, 12k, 18k	A++	A+	●	●	●	●	●
		24k	A++	A					
	Multi Only	5k, 7k, 15k	A++[2]	A+[2]	●				●
Standard 	Single Only	9k, 12k, 18k	A++	A+	● [3] (Ready)	●	●	●	●
		24k	A++	A					

1. When connected to Multi Outdoor unit, Silent Mode 3dB is working by simply setting the dip switch on the PCB of the outdoor unit.
2. When combines with 40kBtu, Cooling A+, Heating A
3. Wi-Fi Ready : can be connected by using Wi-Fi controller (LG-IR-WF-1)

HEALTH			FAST COOLING & HEATING			COMFORT			
Plasmaster Ionizer PLUS	Dual Protection Filter	Auto Cleaning	Jet Cool	4 Way Swing	Fast Heating	Comfort Air	Low Noise 19dB	Silent Mode 3dB	Quick & Easy Installation
●	●	●	●	●	●		● 17dB	●	●
	●	●	●	● 3 way	●		●	●	●
	●	●	●	● 3 way	●		●	●	●
●	●	●	●	●	●	●	● 9,12k Only	●	●
●	●	●	●	●	●	●	● 7k Only	●	●
●	●	●	●	●	●	●	● 9,12k Only	●	●
●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	● 9,12k Only	●	●
	●	●	●	●	●	●	●	●	●
	●	●	●	● 2 way	●	●	● 9,12k Only	●	●

STANDARD PLUS
Smart Inverter

New Standard Plus is a compact size unit with powerful cooling performance and in minimal design with great convenience.

STANDARD
Smart Inverter

Standard possess the most essential elements of general RAC
but with LG's more advanced technology.

PRESTIGE

Smart Inverter

LG Prestige offers one of the most complete air conditioning solutions with supreme energy efficiency and complete silence.

ARTCOOL Stylist

Smart Inverter

The design of LG air conditioners is stylish in a way that is incomparable to others. Style your space.

ARTCOOL

Smart Inverter

In addition to modern lines and classic style,
LG ARTCOOL offers the most outstanding
air conditioning solution in an unrivalled package.

DELUXE
Smart Inverter

LG brand once again leads the RAC field,
with the strengthened fundamental elements of air conditioner solutions.

SMART

Embedded Wi-Fi

Control your air conditioners via using the smart internet devices as Android or iOS based smartphones. This advanced technology provides you the best convenience.

• LG Smart ThinQ

Search "LG Smart ThinQ" on Google market or Appstore then download the app.

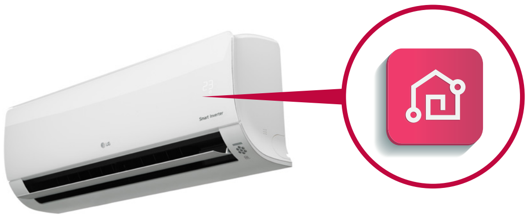
LG Smart ThinQ

• How it Works

Embedded Wi-Fi modem

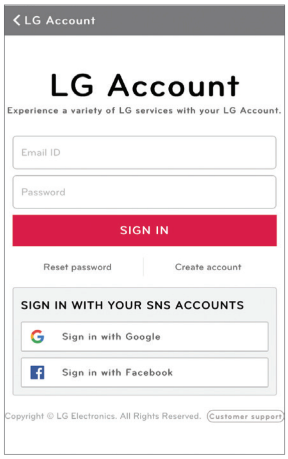
Check "LG Smart ThinQ" on your air conditioner.

By embedded Wi-Fi modem, get ready for innovation without boundaries.



Easy Registration and Log-in

Follow the easy set-up steps that will activate smart ThinQ's impressive feature.



Wi-Fi Connectivity

Let's every member of your family choose their own preferred air conditioning temperature and fan speed, then save the settings in their app to run later. You can save the setting for each air conditioner as well.

Multiple Devices

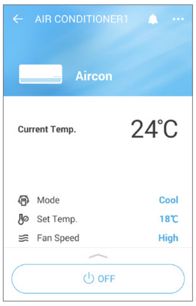
Multi-Control

* Can be controlled by multiple users, but not simultaneously

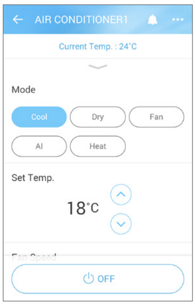
• Benefit

Simple operation for various functions

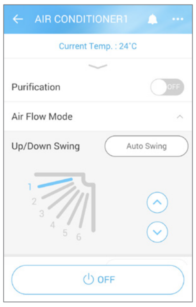
On/Off, Current Temp

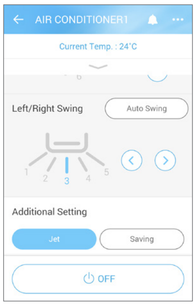


Mode, Set Temp

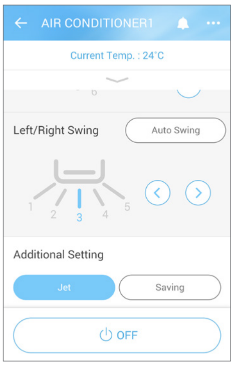


Vane Control

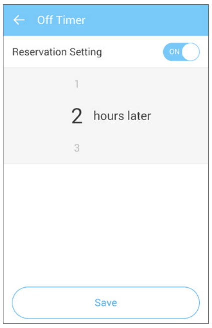




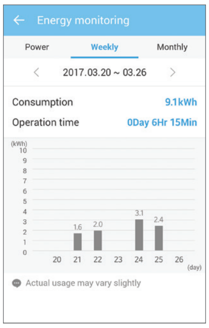
Straight forward Management



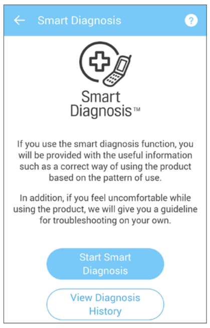
Reservation



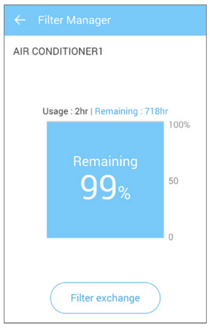
Energy Monitoring



Smart Diagnosis



Filter Management



Integrated Home Appliances Control

Control / Monitor all your LG appliances from one place.

Access your air conditioner anytime and from anywhere

With a Wi-Fi equipped device and LG's exclusive control app, Smart ThinQ.

SMART

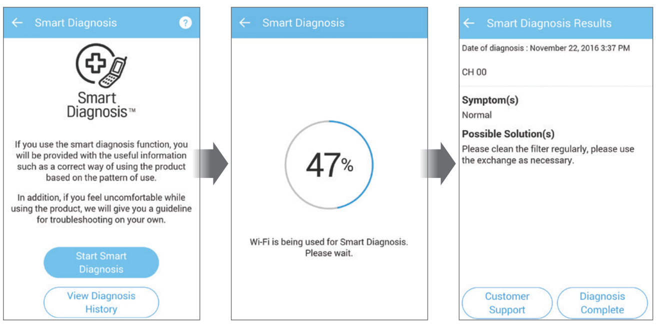
Smart Diagnosis

Smart Diagnosis allows both the contractor and the system user to check setup, installation, troubleshooting and other information conveniently from the smartphone.

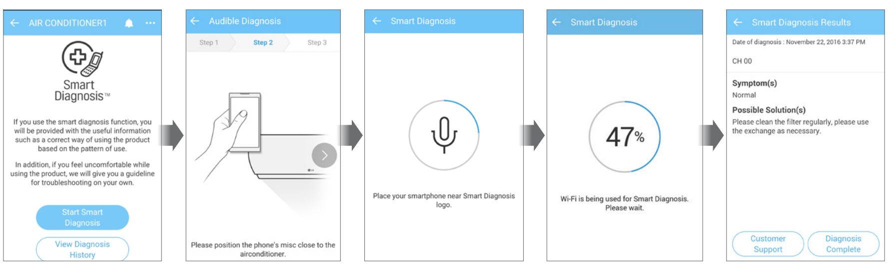
* Specifications may vary for each model.
* When connected to Multi outdoor unit, Smart Diagnosis function may not be supported. Please check with your local service centre.
* Perfect for consumers who are unable to view information about their air conditioner via a display or remote contro, offering better flexibility.

• How it works

By using "LG Smart ThinQ" App and clicking "Start Smart Diagnosis", monitor and check diagnosis results conveniently via Wi-Fi.



* When the model doesn't provide embedded Wi-Fi, diagnose by a 'meledoy' sound with the same app and remote controller.

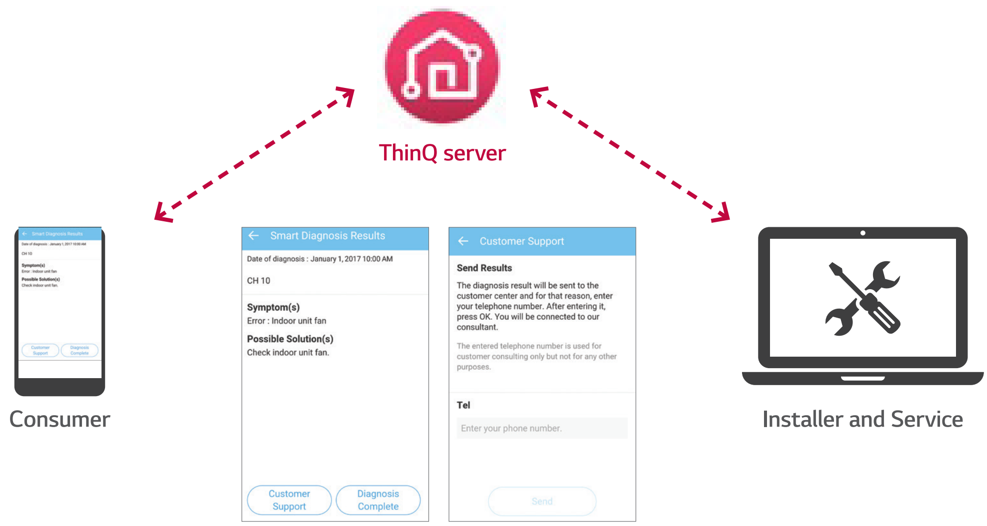


• Benefit

Easy-to-understand error messages make reaching a solution and corresponding with the service center simple and convenient

For the Consumer

For Installer and Service



- Easily check operational status of a product without a display or one that provides limited information
- Save energy by monitoring key operational information and power consumption
- Using the Maintenance Guide helps to improve device performance and expand product life

- Understand the product better by easily confirming operational status and information
- Intuitively diagnose problems by comparing current and past usage data
- Maintain installation capabilities and reduce installation errors by quickly confirming device operational status

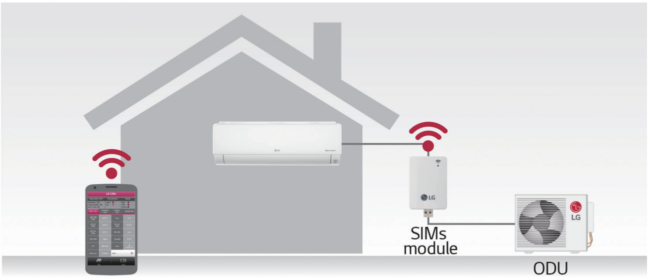
SMART

SIMs

By connecting SIMs module, you can check the status of the air conditioner and diagnose problems from the smartphone.

* Specifications may vary for each model.
* When connected to Multi ODU, SIMs function may not be supported. Please contact your liocal service centre.

• What is the LG SIMs?



Monitor the status of your air conditioner and diagnose problems by connecting it to a smartphone via a SIMs module.

* SIMs : Smart Inverter Monitoring System

• How It Works

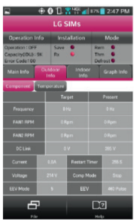
LG SIMs

SIMS App
1. Use a SIMs module to connect a smartphone to an air conditioner.
2. Monitor and diagnose problems in real time using the SIMs app.

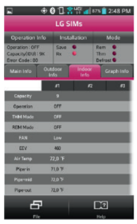
• Benefit

Easy Monitoring
Diagnose problems anytime, anywhere with a SIMs module.

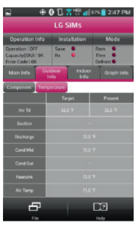
Easy Diagnosis & Quick Response
Easily monitor IDU/ODU and diagnose problems.
Save and review diagnostic data.



Main
Current outdoor temperature
Indoor temperature
Inverter Comp frequency
Operating opening
Error code.
Outdoor fan speed



Indoor Unit
Indoor Unit Capacity / Operation Mode
THM mode / REM mode
FAN operating condition / EEV opening
Room Temperature / Suction Temperature
Intermediate Temperature
Exit Temperature



Outdoor Unit
Frequency / Fan RPM
DC Link / Input Current
Input Voltage
EEV operation mode
Restart timer
Compressor mode / EEV opening

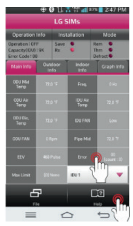


Chart
Room Temperature
Heat exchanger pipe temperature
Compressor discharge temperature
Frequency / Outdoor temperature
Compressor suction temperature
Electric current / Voltage

Certificate

US Radio Standard | Canada Radio Standard | Australia Radio Standard | Europe Radio Standard

*Smartphone Requirements (iOS : 6.1 or later, Android : 2.3 or later)

Low Refrigerant Detection

Early notification of low refrigerant protects your air conditioner from a risk of damage.

* Specifications may vary for each model.
* Depending on the experimental conditions.
* When connected to Multi ODU, Low Refrigerant Detection function may not be supported. Please contact your local service centre.

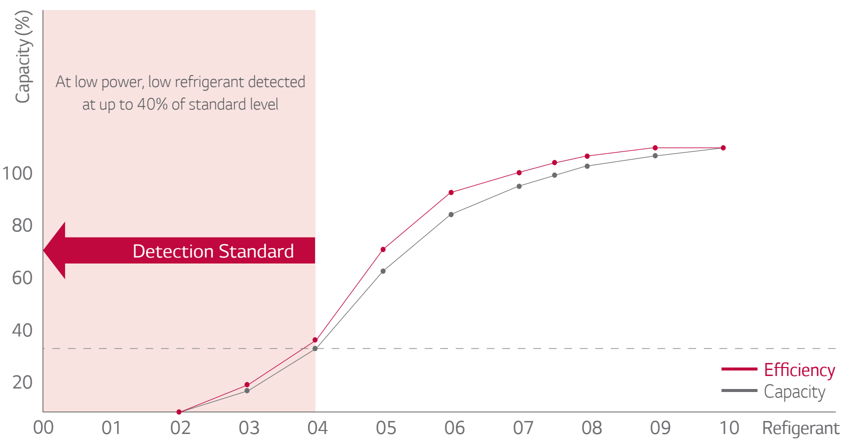
• How It Works

Early Detection of Low Refrigerant Levels
The Air Conditioner is automatically shut down when low refrigerant level is detected.

3 Checkpoints for Low Refrigerant Level :
1) The heat exchanger temperature
2) The outdoor unit is working properly
3) The energy consumption has moved away from its recognised normal use.

If any of the above conditions work improperly for over four times, after 15 minutes of Air Conditioner operation, Low Refrigerant level is detected and Air Conditioner is shut down.

Capacity and Effectiveness of the Refrigerant Levels



* This function only works under the following conditions:
- Indoor/Outdoor temperature is up to 20 degrees Celsius
- Cooling and dehumidification mode

• Benefit

Longer Lifespan for Air Conditioner

Inside Insulator Melting

Oil Fire

Rotor Burnout

Notify You of Low Refrigerant Levels

When Low Refrigerant Level is detected, alternately shows CH and 36 on the display.

* Some models show CH and 38 alternately on the display.

ENERGY EFFICIENCY

Supreme Energy Efficiency

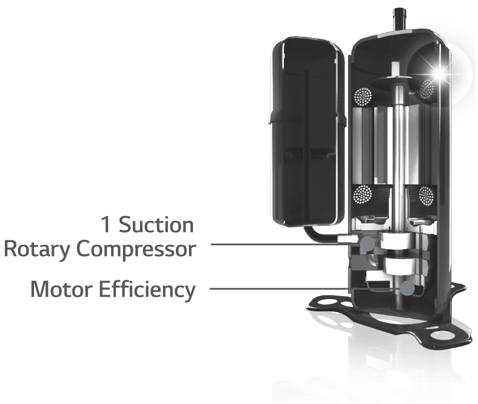
LG's revolutionary Inverter technology boasts powerful yet quiet performance while minimising energy consumption. With world class energy efficiency, enjoy comfortable surroundings whilst saving energy.

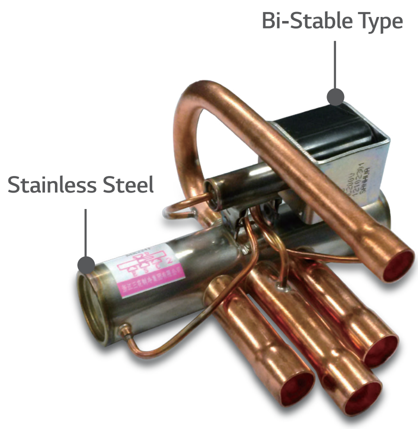
* Based on H09AL Model
* Specifications may vary for each model.

• High Efficient Compressor and Reversing Valve

Rotary Compressor and Motor Efficiency
The number of suction connections has been reduced from two to one to increase the efficiency of refrigerant compression during low speed conditions.

Bi-Stable Reversing Valve
The Input power of 4-way valve has been reduced to 0W by using Bi-Stable type.

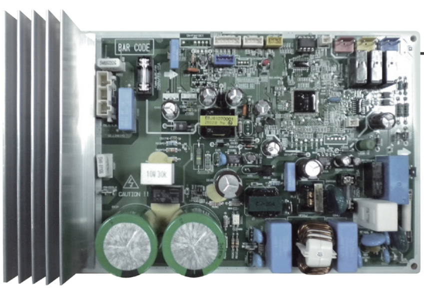




• Improved Inverter Drive Efficiency

Optimised the time of current flow by controlling the number of converter switching according to energy consumption status. Higher performance and advanced energy efficiency over conventional inverter air conditioner by reducing power loss with an advanced material component called SiC.

SiC-Hybrid PSC Control



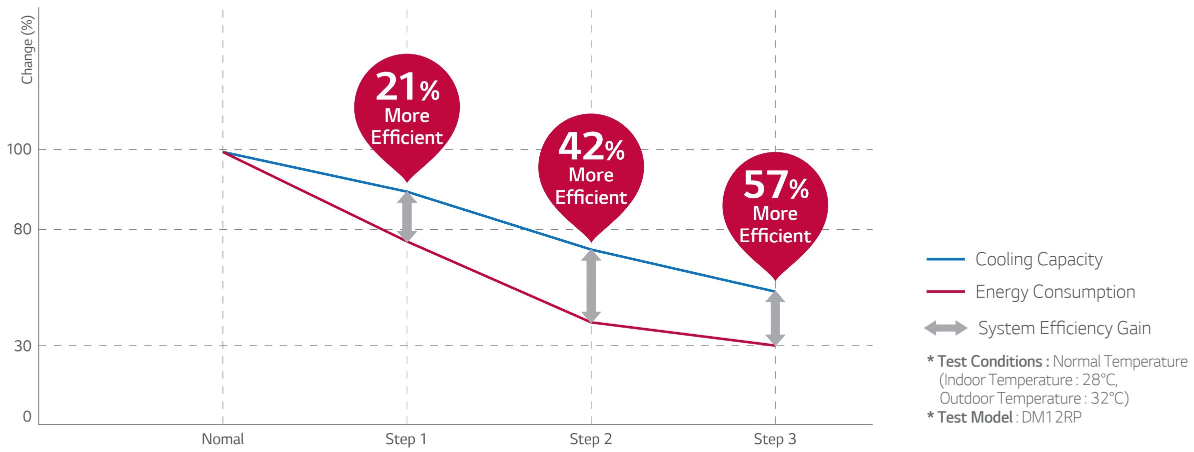
Active Energy Control 4 - Step

LG's Active Energy Control adjusts the energy consumption level and cooling capacity by controlling maximum frequency of the compressor motor.

* Specifications may vary for each model.
* Depending on the experimental conditions.
* When connected to Multi outdoor unit, Active Energy Control function may not be supported. Please check with your local service centre.

• Concept and Benefit

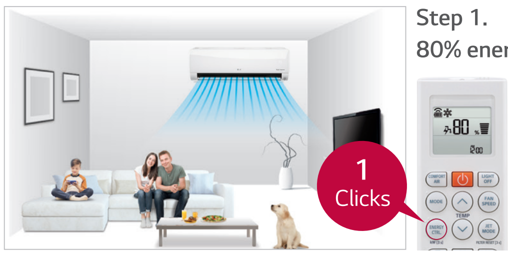
Save energy and reduce operation costs by taking advantage of LG's 4-Step Energy Control System.



• How It Works

Normal.
100% energy usage

Crowded and very active.



Step 1.
80% energy usage

Some people and low-activity levels.

Step 2.
60% energy usage

Few people and low-activity levels.

Step 3.
40% energy usage

Few people without activity.

ENERGY EFFICIENCY

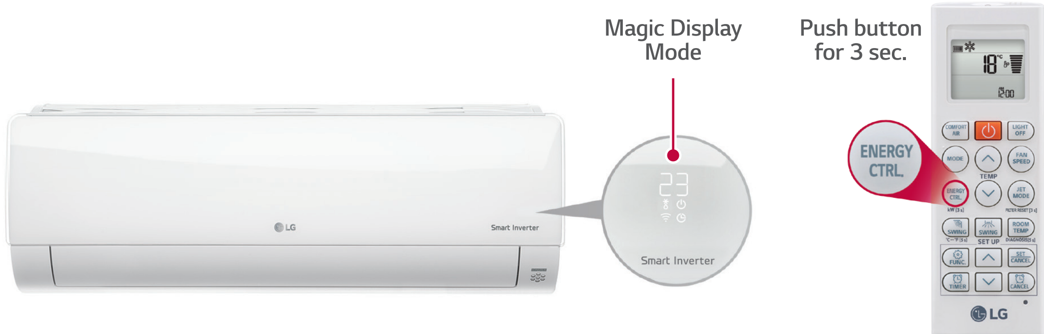
Energy Display

LG's Energy Display panel monitors the amount of energy levels used. Save on energy consumption while enjoying the cooling by checking your energy level on the panel.

* Specifications may vary for each model.
* When connected to Multi outdoor unit, Energy Display function may not be supported. Please check with your local service centre.

• How it Works

Magic Display & Remote Control
With the push of a button on the remote control, indoor unit's LCD display shows the current and total energy use, helping users to stay informed and allowing them to reduce energy consumption.



• Benefit

Normal Mode
Current Setting Temp

Electric Power
Displays Current Energy Use

• Additional Benefit

Fan Speed

Display	Speed
F5	High
F4	Medium-High
F3	Medium
F2	Medium-Low
F1	Low

Sleep Mode

For example, setting 1hr

PERFECT HEALTHCARE

Plasmaster™ Ionizer PLUS

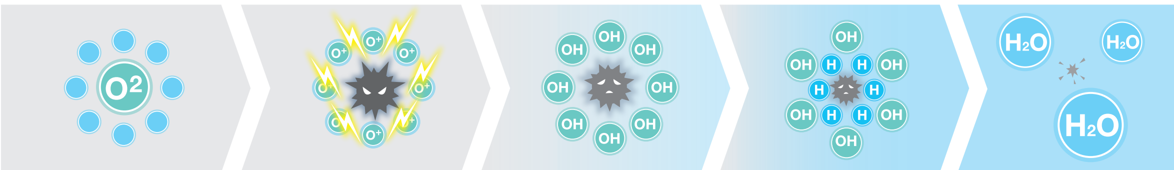
The powerful plasma Ionizer protects you from odours and harmful substances in the air with over 3 million ions to sterilize not only the air passing through the air conditioner, but also surrounding surfaces for a safer, cleaner environment.

* Specifications may vary for each model.
* Depending on the experimental conditions.

• How It Works

Sterilisation and Deodourisation (Utilises Over 3 Million Ions)

Plasmaster Ionizer+ reduces harmful microscopic particles by infusing the air passing through the air conditioner with over 3 millions ions.

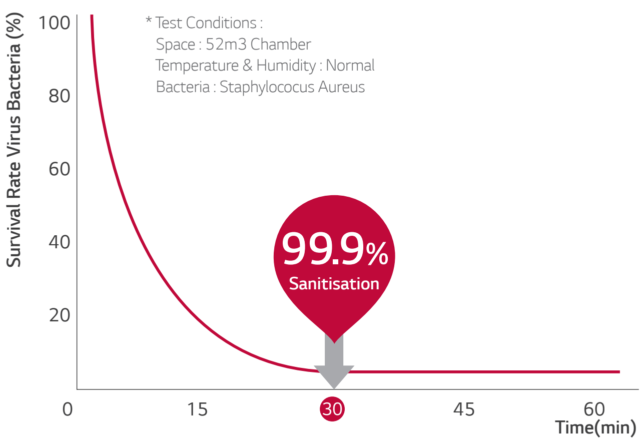


Ion Cluster Generation	Surrounding Harmful Substances	OH Radical Production	Chemical Reaction	Sterilisation
Ions are released into air	H- and O- bond to harmful particles	OH radicles inactivate harmful substances	OH radicles bond with H particles in the air	H_2O molecules are produced

• Test Result

Sterilisation Performance Evaluations

Sterilise Bacteria (E.coli colon bacillus) over 99.9% in 30 min.



Odour strength decrease in 60 minutes

An odour of strength 2 or less indicates that there is odour but no sense of displeasure (degree of odour permissible).

Odour Strength	1	2	3	4
Offensive odour substance sensitivity	Mountain smell	Indoor life smell	Bathroom smell	Food waste smell
Odour strength level	Light	Moderate	Strong	Very Strong

Odour strength reduce 3.6 ➡ 1.5 / The Odour floating in the room as well as curtain and clothes.

PERFECT HEALTHCARE

Dual Protection Filter

The Dual Protection Filter collect dust.

* Specifications may vary for each model.
* Depending on the experimental conditions.

• What is the Dual Protection Filter?

The Dual Protection Filter, designed to capture dust particles over 10μm in size, is the first line of defense against finer particles.

• Additional Benefit

Easy to Open
The simple full surface cover is detachable to make cleaning the air-conditioner much easier.

Easy to Clean
The filter is designed for easy handling and quick cleaning, which len its lifespan.

Auto Cleaning

The interior of the air conditioner is maintained clean by drying off the heat exchanger, then sterilising the interior once more.

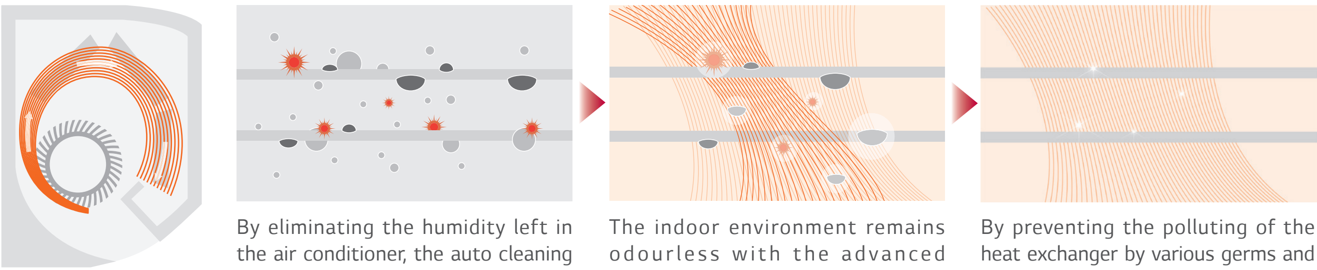
* Specifications may vary for each model.

The main cause of odour within air conditioners is mold and bacteria growing on the heat exchanger. These germs can spread when the heat exchanger is wet.

• How It Works

Cleans Filter with Regular Airflow

The comprehensive auto cleaning function prevents the formation of bacteria and mold on the heat exchanger, providing a more pleasant and comfortable environment.



By eliminating the humidity left in the air conditioner, the auto cleaning function removes substances that might be harmful to human body.

The indoor environment remains odourless with the advanced deodourising function.

By preventing the polluting of the heat exchanger by various germs and bacteria, the cooling performance and longevity of the air conditioner remains unchanged even after 10 years of usage.

• Benefit

Removes Harmful Particles

Auto Cleaning provides clean air by preventing bacteria, mold and odours that can otherwise accumulate in an indoor unit.

Bacteria Prevention

Odour Elimination

Mold Elimination

FAST COOLING AND HEATING

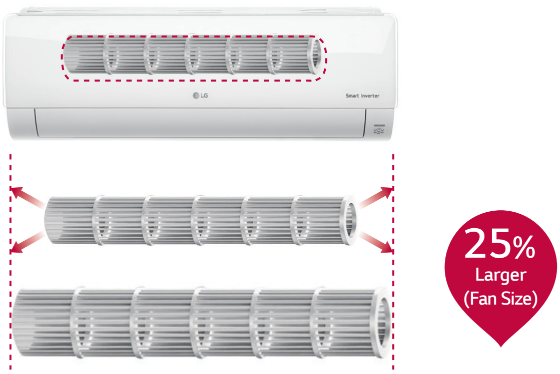
Fast Cooling

The cool airflow reaches all the corners of the room, keeping the space cool and comfortable.

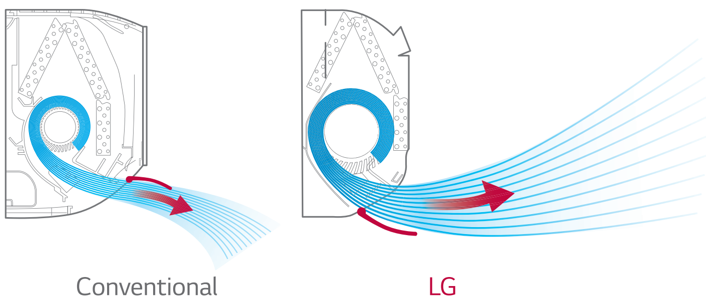
* Specifications may vary for each model.
* Depending on the experimental conditions.

• How It Works

Bigger Skew Fan
A 25% larger skew fan expels more powerful blasts of air.

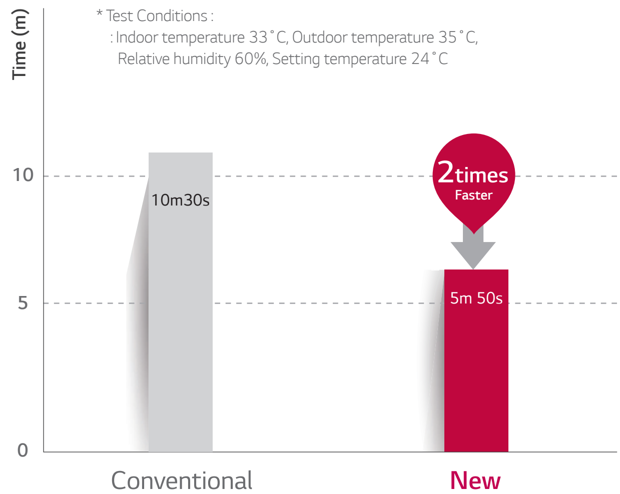


Cooling Outlet
A larger, optimally designed cooling outlet expels air farther and cools spaces faster.



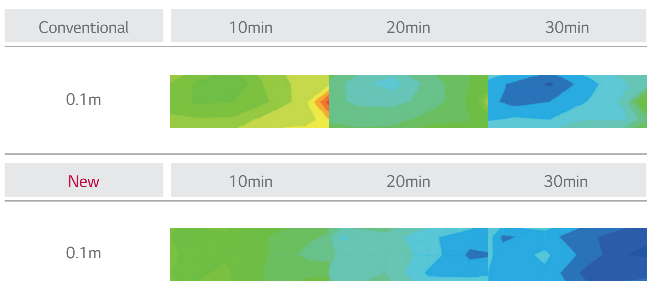
• Test Result

Test Result



* Test Conditions :
: Indoor temperature 33˚C, Outdoor temperature 35˚C,
Relative humidity 60%, Setting temperature 24˚C

Changes in Temperature Over 30 Minutes



* Test Conditions : Outdoor temperature : 35°C / Indoor temperature : 33°C / Humidity: 60% / Remote control: 24°C High

Jet Cool

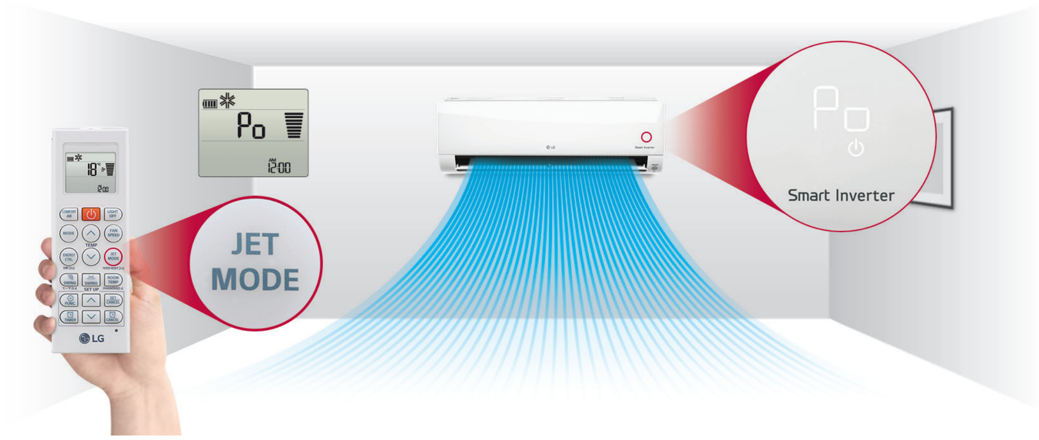
LG air conditioners provide optimised high-speed airflow, which can cool rooms faster while delivering cool air evenly in every direction.

* Specifications may vary for each model.
* Depending on the experimental conditions.

• How It Works

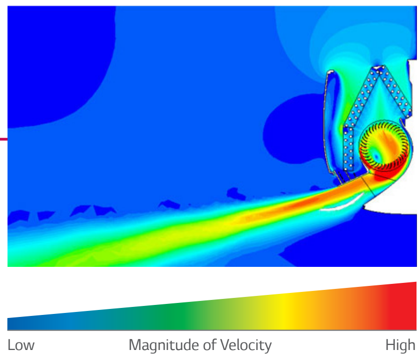
One Click "Jet Mode"

Reduces the temperature of outflowing air to 18°C for 30 minutes with just one click.



• More Powerful Performance

By reducing the second vortex, which decreases airflow within the air outlet, and enlarging the fan size, the amount of airflow is increased to 13.0 CMM.



FAST COOLING AND HEATING

4 Way Swing

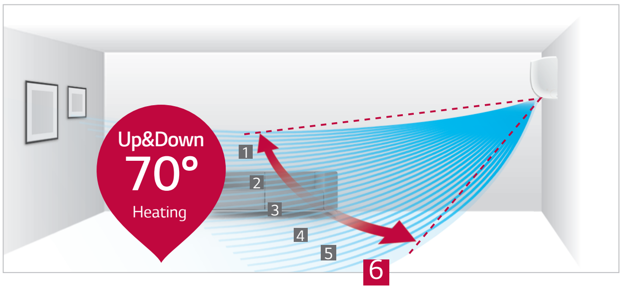
Cool air reaches out to all directions and each corner of the room regardless of where the air conditioner is installed

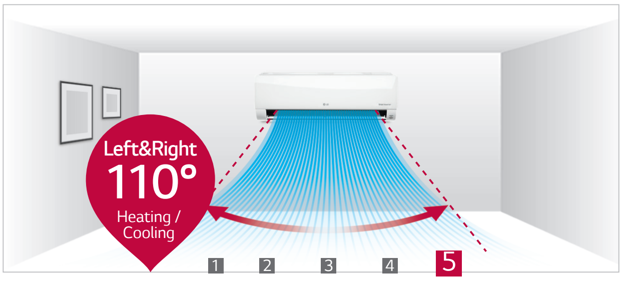
* Specifications may vary for each model.

• How It Works

6-Step Vane, Control up to 70°
The vertical vane, which moves up and down, has 6 different settings including full-auto swing.

5-Step Louver, Control up to 55°
The louver, which sways left and right, has 5 different settings including full auto-swing.



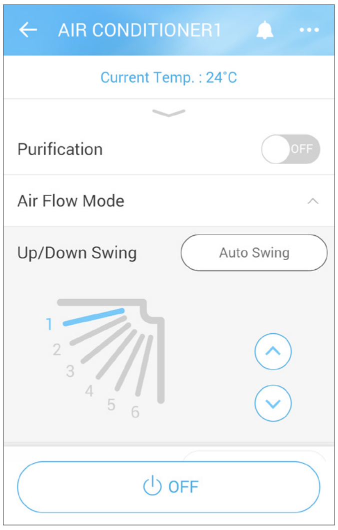


* Angle can be different from each model and working mode.

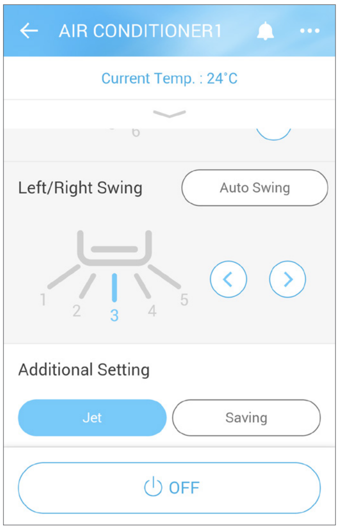
• Easy and Simple Control

Airflow direction can be changed by LG ThinQ Wi-Fi app.

Up/Down Swing



Left/Right Swing



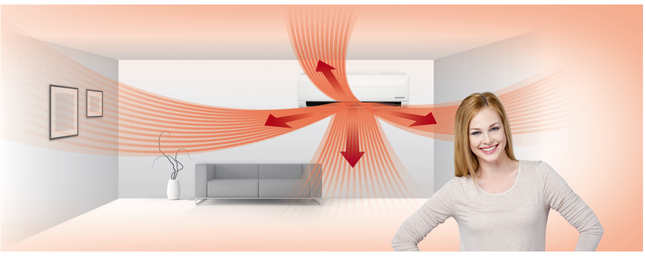
Fast Heating

LG Residential Air Conditioners satisfy your heating needs while consuming less energy, by heating a wider space in a shorter period of time to create a warm and comfortable living environment.

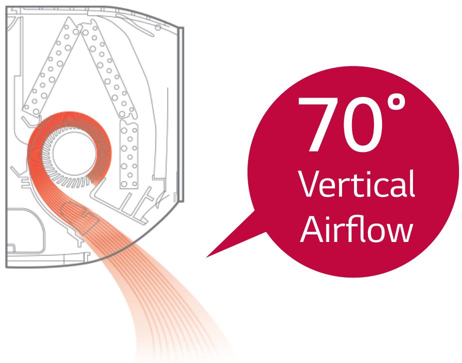
* Specifications may vary for each model.
* Depending on the experimental conditions.

• How It Works

4 way Auto Swing (Easy Airflow Control)
4 Way Auto Swing adjusts airflow based on the surrounding environment, allowing for optimal distribution of warm air to living areas and enabling quick heating.

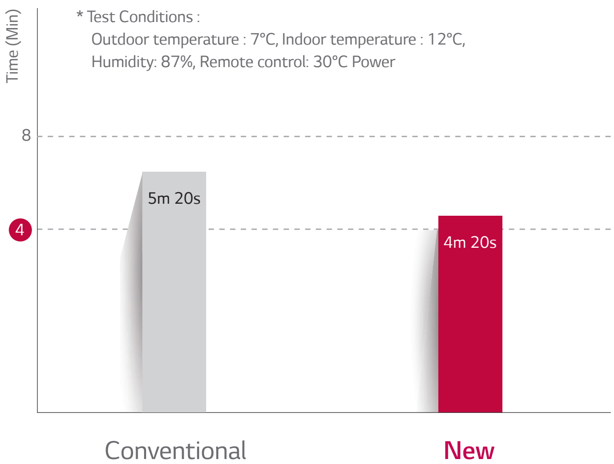


Vertical Airflow
When heating, the vane sends heated air downwards to maintain a pleasant and balanced room temperature.

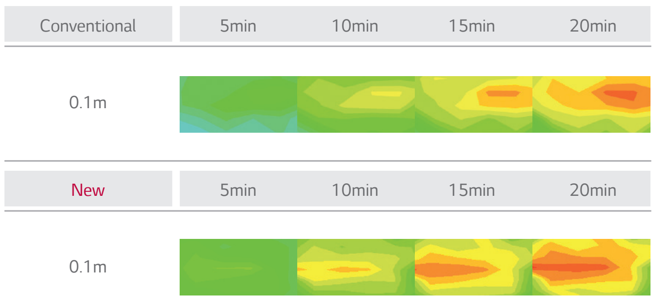


• Benefit & Test Result

22% Quick Heating



Changes in Temperature Over 20 Minutes



* Test Conditions : Outdoor temperature : 7°C / Indoor temperature : 12°C / Humidity: 87% / Remote control: 30°C Power

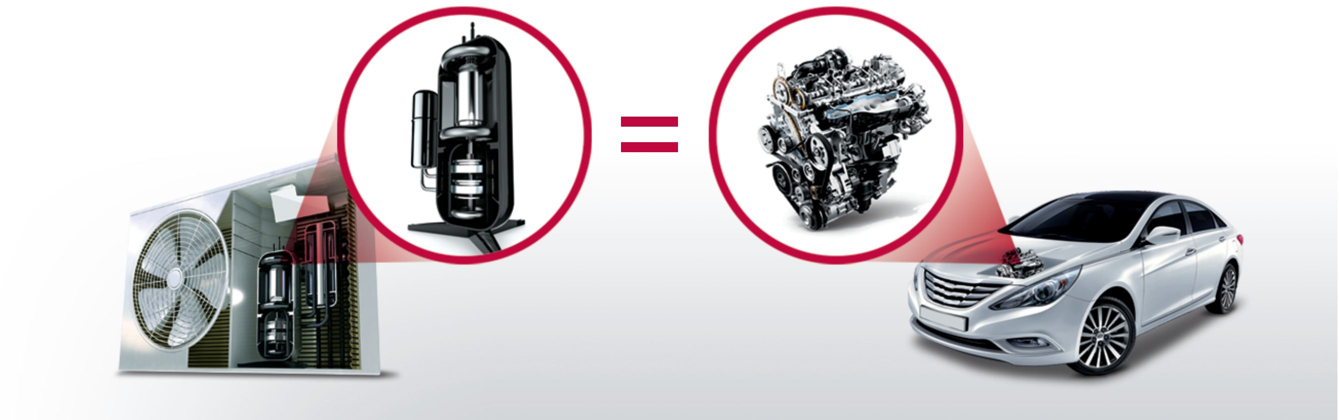
EXTREME DURABILITY

10-Year Inverter Compressor Warranty

LG offer a10 year warranty on Inverter Compressor for Single Split and Multi-Split Air Conditioning systems as standard, [1].

• What is the 10 Year Compressor Warranty?

The compressor is for the Air Conditioner what the engine is to a vehicle. With the 10 year warranty on the compressor, users can enjoy the benefits of LG air conditioner for a longer period on time.



• Benefit and Certificate

Reliable Air Conditioner

Product safety is emphasised by offering a 10-year warranty on the compressor and to promote product quality.

1) Please note: 10 year compressor warranty is not applied to H-Inverter systems or Synchro systems.

Verification

TUV Rheinland, Long Term Accelerated-reliability Test & High Marginal Test

* Long Term Accelerated-Reliability test
  LG's unique testing method with reinforced operating condition for a product life assurance to test and determine the product life cycle in a short period of time by accelerating the life cycle.
* High Marginal Test
  Test method to secure durability in various adverse conditions that may occur in the field by performing comp reliability test against higher pressure and temperature than the designed range of pressure and temperature which the comp operates in.
* Verification obtained from TUV Rheinland for 10-year product life cycle

Single Rotary Type | Twin Rotary Type

Gold Fin™

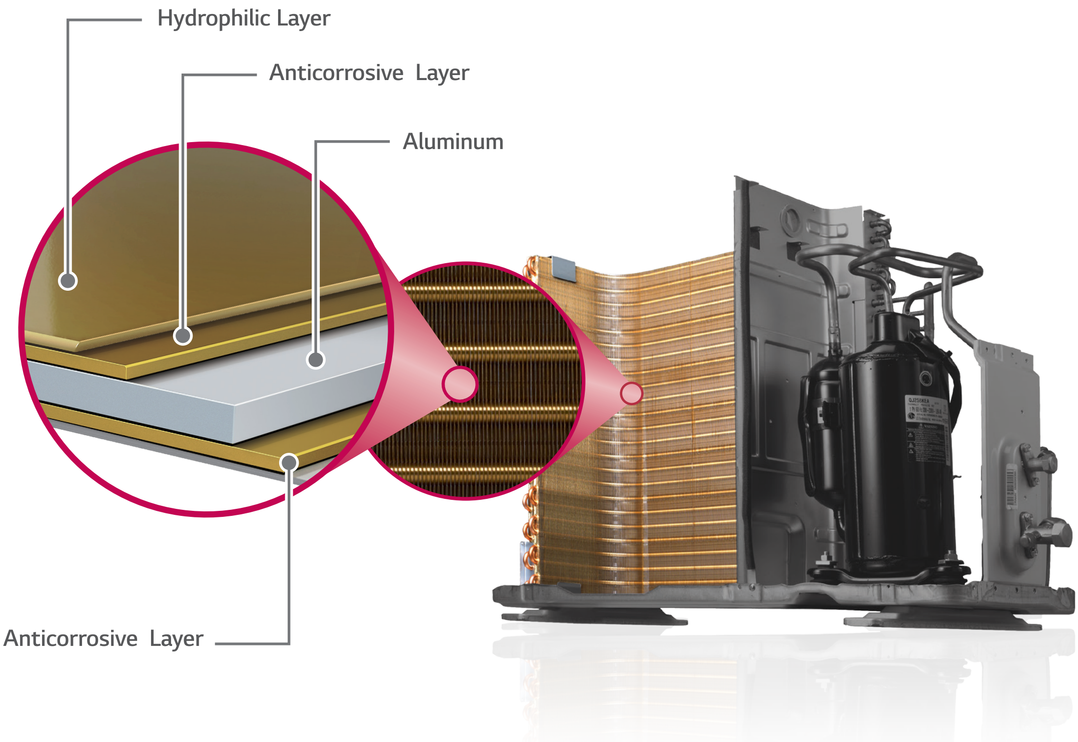
The Gold Fin™ coating protects the surface of the heat exchanger from unnecessary wear and corrosion.

* Specifications may vary for each model.
* Depending on the experimental conditions.

• How It Works

Crosscut View of Heat Exchanger

The gold-colored special coating on the fin of the heat exchanger prevents corrosion, extending the life of the unit.



• Test Result

Conventional Fin

Gold Fin™

* Test result 360 hrs. after being exposed to sodium chloride

COMFORT

Comfort Air

LG provides soft and comfortable air to your living space. An automatic vane angle adjustment sets perfect vane angle and air volume.

* Specifications may vary for each model.

• Concept

Having the air conditioner turned on while asleep can lower body temperature or cause discomfort, especially if the outflowing air is blowing directly onto a room's occupants. Comfort Air adjusts vane angle to prevent this, providing ultimate sleeping comfort.

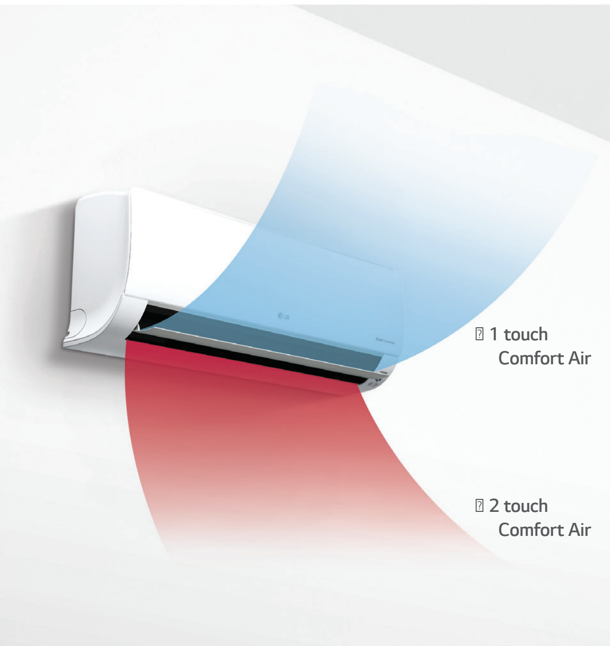
• How It Works

Control Panel

Remote Control

Comfort Vane

This option conveniently sets an AC's louvers to a preset position so that outflowing air is directed away from a room's occupants.

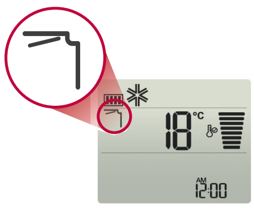


Scene 1: Inclines to a maximum 70° angle.

Sets vane angle to highest position : Optimised for gentle airflow cooling.

Indoor Unit Display

Remote Controller Display

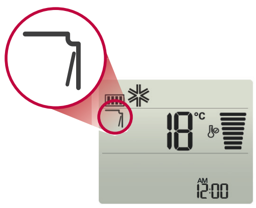


Scene 2: Declines to a maximum 0° angle.

Sets vane angle to lowest position : Optimised for gentle airflow heating.

Indoor Unit Display

Remote Controller Display



Low Noise

LG Air Conditioners operate at 19dB low noise level, and provide healthy soft air by just 1 touch.

* Specifications may vary for each model.

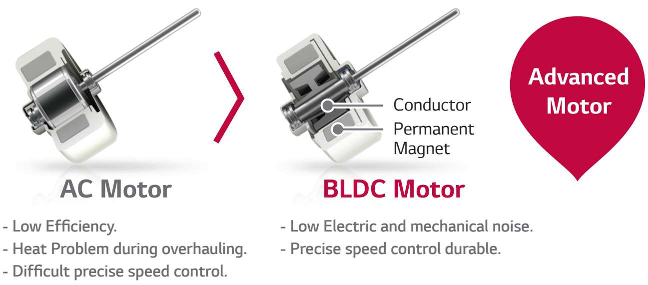
• How It Works

LG's Unique Skew Fan

By minimising the surface pressure of the fan blade when in contact with the air peak noise are reduced to a level that is among the lowest in the world.

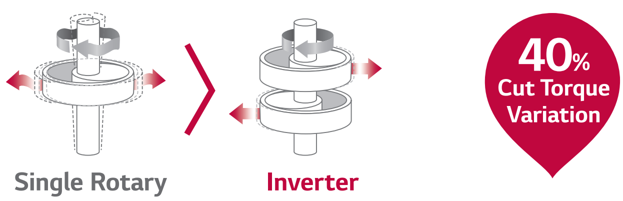
BLDC Fan Motor

With strong torque and powerful ND magnetism as well as precise speed control of 13 different steps for smooth
operation, the BLDC motor provides substantial air volume and high static pressure, while keeping electrical and mechanical noise lower, and making high-speed operation available.

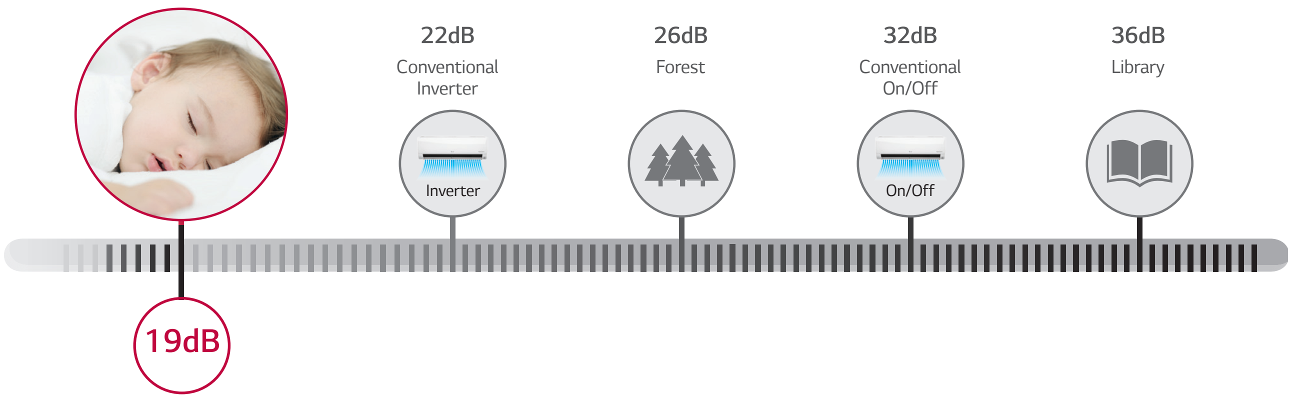


ALVC (Active Low Vibration Control)

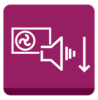
A speed-error component estimates the load to compensate for imbalances, which are the primary causes of vibration and noise, enabling the rotation of the motor without vibration at low Hz levels.



• Benefit



COMFORT



Silent Mode

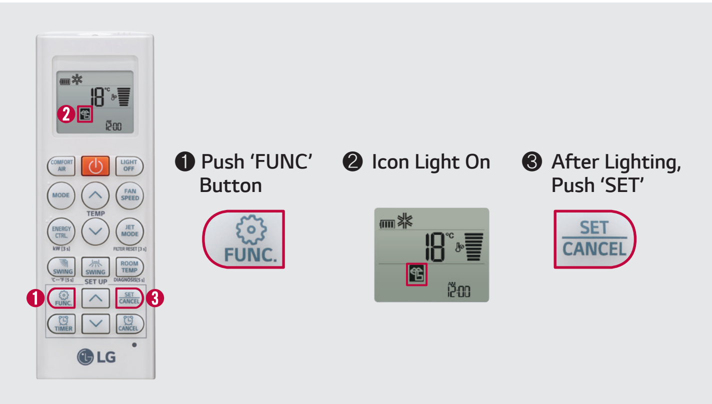
Silent mode insures a quieter, more peaceful experience for the user by reducing peak noise levels when you're ready to rest.

* Specifications may vary for each model.
* Depending on the experimental conditions.
* When connected to Multi Outdoor unit, Silent Mode is working by simply setting the dip switch on the PCB of the outdoor unit.

• How It Works

In Silent Mode, the overall sound level of the outdoor unit drops by up to 3dB and the sound level of the indoor unit also decreases.

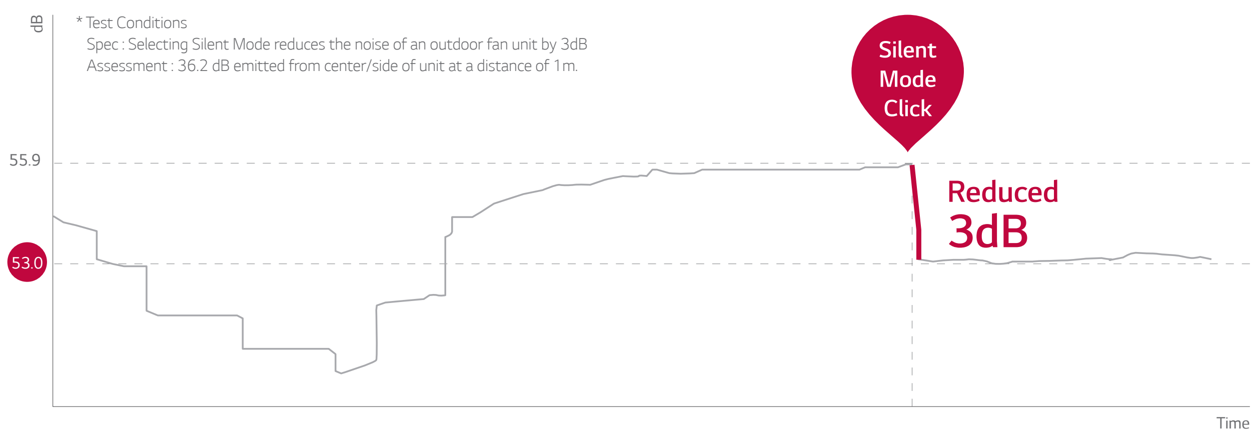
Press the Silent Button



Controls the Outdoor Compressor

• Test Result

Noise Comparison Graph



Quick & Easy Installation

LG air conditioner is designed for an easy and efficient installation, making possible to install several units in a short period of time

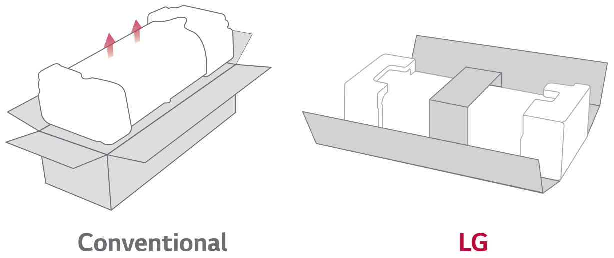
* Specifications may vary for each model.

• Concept

By reducing the manpower and time required for installation, it is now possible to install more units in less time.

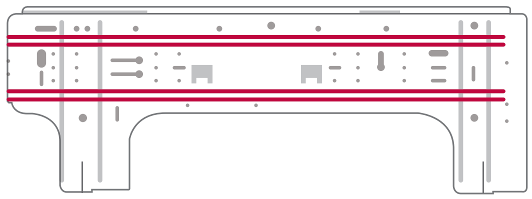
• How It Works

One Simple Packing Box



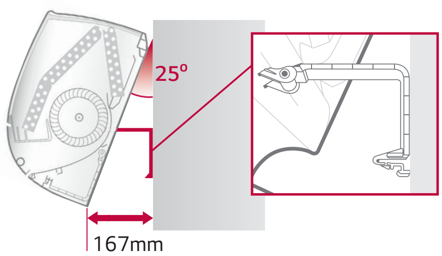
Installation Plate Improvement

LG's installation plate is larger and customized to reduce installation time.



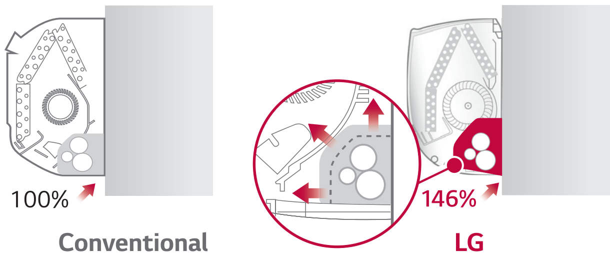
Installation Support Clip

A support clip creates adequate space between the wall and the unit for easier installation.



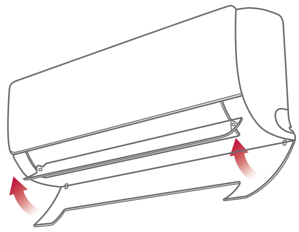
Wider Tubing Space

The space provided for tubing facilitates the whole installation process and hides the unorganised parts, making it appear clean and tidy.



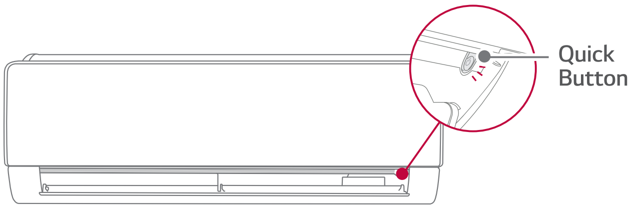
Detachable Bottom Cover

The air conditioner's bottom cover is detachable for easier installation and access.



Quick button for running test

The test button is conveniently located and easy to find.



PRESTIGE

- Active Energy Control
- Plasmaster Ionizer PLUS
- Dual Protection Filter
- Plasmaster Auto Cleaning
- Jet Cool
- 4 Way Swing
- Fast Heating
- Gold Fin™
- Low Noise 17dB
- Silence Mode 3dB
- Quick & Easy Installation

• Single Combination

UNIT				9K	12K
INDOOR				H09AL.NSM	H12AL.NSM
Capacity	Cooling	Min/Rated/Max	W	300/2500/3800	300/3500/4040
	Heating	Min/Rated/Max	W	300/3200/6600	300/4000/6800
	Heating -7°C	Rated	W	4300	4600
Power Input	Cooling	Rated	W	490	830
	Heating +7°C	Rated	W	570	770
EER			W/W	5.10	4.22
S.E.E.R.				9.3	9.2
P design C			kW	2.5	3.5
COP			W/W	5.61	5.19
S.C.O.P.				5.3	5.3
P design H			kW	3.2	3.8
Energy Label	Cooling			A+++	A+++
	Heating			A+++	A+++
Annual Energy	Cooling		kWh	95	132
Consumption	Heating		kWh	855	985
Sound Pressure	Cooling	S/L/M/H	dBA	17/25/33/39	17/25/33/39
	Heating	L/M/H	dBA	25/33/39	25/33/39
Sound Power	Cooling	High	dBA	58	58
Air Flow Rate	Cooling	S/L/M/H	m³/min	5.0 /8.5 /11.5 /14.5	5.0 /8.5 /11.5/14.5
		Max (Power)	m³/min	15.5	15.5
	Heating	L/M/H	m³/min	9.5/12.5/16.5	9.5/12.5/16.5
Dehumidification Rate			l/h	1.5	1.7
Running Current	Cooling	Rated/Max	A	2.5/6.0	3.9/6.0
	Heating	Rated/Max	A	2.9/7.0	3.7/7.0
Starting Current	Cooling	Rated	A	2.5	3.9
	Heating	Rated	A	2.9	3.7
Power Supply			Ø / V /Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm²	3*1.0	3*1.0
Power & Transmission Cable			N x mm²	4*1.0 (Including Earth)	4*1.0(Including Earth)
Dimension			mm	875*295*235	875*295*235
Net Weight			kg	11.5	11.5
Fan Motor Output			W	30	30
OUTDOOR				H09AL.UE1	H12AL.UE1
Operation Range	Cooling	Min~Max	°CDB	-10~48	-10~48
	Heating	Min~Max	°CDB	-15~24	-15~24
Sound Pressure	Cooling	High	dBA	48	48
	Heating	High	dBA	48	48
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate		High	m³/min	40	40
Piping	Length (Odu/Idu)	Min	m	3	3
		Max	m	20	20
	Elevation (Odu/Idu)	Max	m	10	10
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35
	Gas	OD(Outside)	mm	9.52	9.52
	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	1,150	1,150
			t-CO_2 eq	2.40	2.40
	Additional charge		g/m	20	20
	GWP			2087.5	2087.5
Fan Motor Output	Additional charge		g/m	85	85
Compressor Type	GWP			Twin Rotary	Twin Rotary
Net Weight			kg	42	42
Dimension			mm	870*655*320	870*655*320

* This product contains Fluorinated greenhouse gases (R410A).
** S : Sleep / L : Low / M : Medium / H : High
*** Specification, design and feature are subject to change without prior notice.

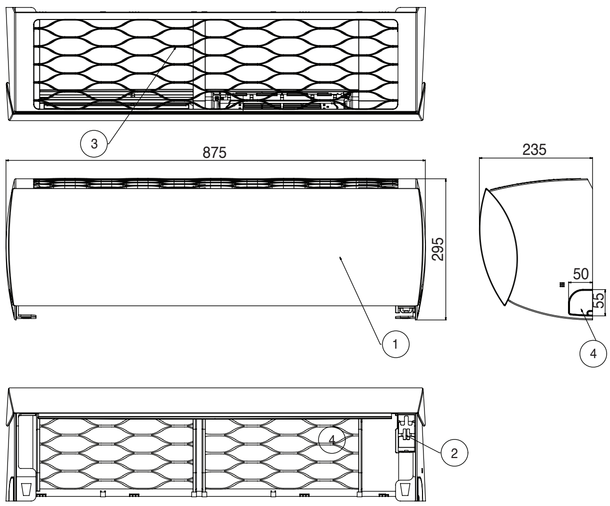
SINGLE SPLIT UNIT ONLY

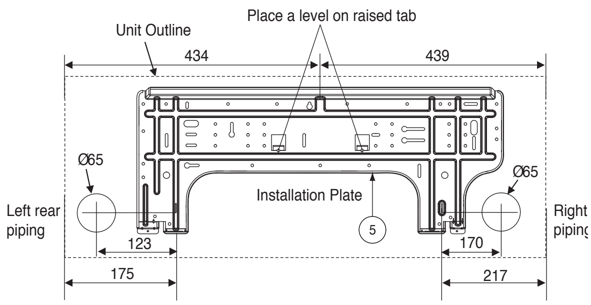
LG participates in the Eurovent Certified Perfromance programme for EUROVENT AC program.Check ongoing validity of certification : www.eurovent-certification.com

H09AL.NSM / H12AL.NSM

(Unit: mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Suction Grille	
4	Knockout Hole	For pipe and cable
5	Installation Plate	

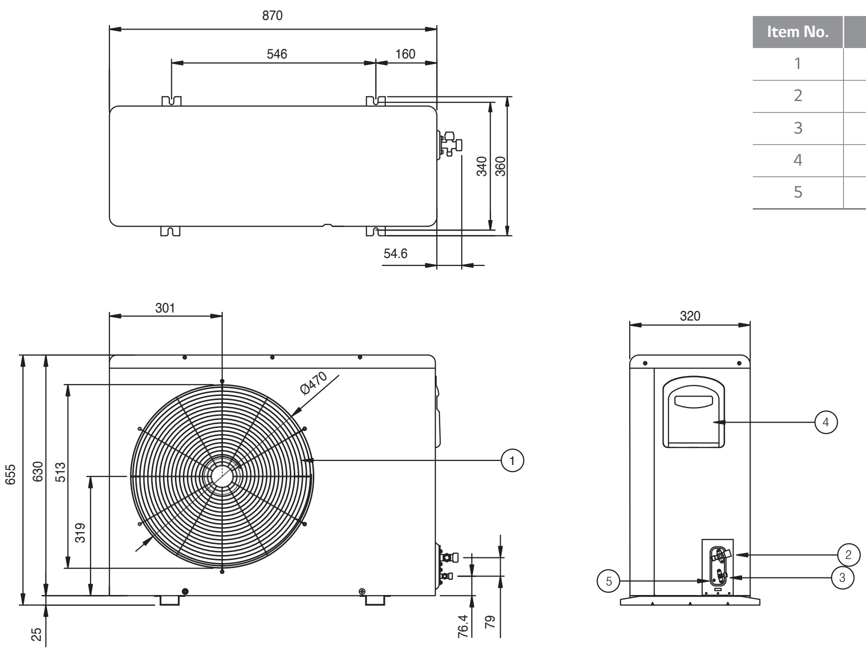




H09AL.UE1 / H12AL.UE1

(Unit: mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw



* This product contains Fluorinated greenhouse gases (R410A).

STANDARD

Smart Diagnosis · Active Energy Control · Energy Display · Dual Protection Filter · Auto Cleaning · Jet Cool · 2 Way Swing · Fast Heating

Gold Fin™ · Comfort Air · Low Noise 19dB · Silence Mode · Quick & Easy Installation

• Single Combination

UNIT				9K	12K
INDOOR				P09EN.NSJ	P12EN.NSJ
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040
	Heating +7°C	Min/Rated/Max	W	890/3200/4100	890/3800/5100
	Heating -7°C	Rated	W	3000	3600
Power Input	Cooling	Rated	W	670	1080
	Heating +7°C	Rated	W	840	1000
EER			W/W	3.73	3.24
S.E.E.R.				6.5	6.4
P design C			kW	2.5	3.5
COP			W/W	3.81	3.80
S.C.O.P.				4.0	4.0
P design H			kW	2.4	2.5
Energy Label	Cooling			A++	A++
	Heating			A+	A+
Annual Energy Consumption	Cooling		kWh	134	191
	Heating		kWh	840	875
Sound Pressure	Cooling	Sleep	dBA	19	19
		Low	dBA	27	27
		Medium	dBA	35	35
		High	dBA	41	41
	Heating	Low	dBA	27	27
		Medium	dBA	35	35
		High	dBA	41	41
Sound Power	Cooling	High	dBA	59	59
Air Flow Rate	Cooling	Sleep	m^3/min	3.0	3.0
		Low	m^3/min	4.2	4.2
		Medium	m^3/min	7.5	7.5
		High	m^3/min	10.0	10.0
		Max (Power)	m^3/min	11.5	12.5
	Heating	Low	m^3/min	5.6	5.6
		Medium	m^3/min	7.2	7.2
		High	m^3/min	10.0	10.0
Dehumidification Rate			l/h	1.1	1.3
Running Current	Cooling	Rated	A	3.0	4.7
		Max	A	6.0	6.0
	Heating	Rated	A	3.7	4.5
		Max	A	7.0	7.0
Starting Current	Cooling	Rated	A	3.0	4.7
	Heating	Rated	A	3.7	4.5
Power Supply			Ø / V /Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm²	3*1.0	3*1.0
Power & Transmission Cable			N x mm²	4*1.0 (Including Earth)	4*1.0 (Including Earth)
Dimension			mm	837*308*189	837*308*189
Net Weight			kg	8.5	8.5
Fan Motor Output			W	30	30
OUTDOOR				P09EN.UA3	P12EN.UA3
Operation Range	Cooling	Min~Max	°CDB	-10~48	-10~48
	Heating	Min~Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dBA	49	49
	Heating	High	dBA	50	50
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate	Cooling	High	m^3/min	27	27
Piping	Length (Odu/Idu)	Min	m	3	3
		Max	m	15	15
	Elevation (Odu/Idu)	Max	m	7	7
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35
	Gas	OD(Outside)	mm	9.52	9.52
	Drain	OD(Outside)	mm	21.5 (0.85)	21.5 (0.85)
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	950	950
			t-CO_2 eq	1.98	1.98
	Additional charge		g/m	20	20
	GWP			2087.5	2087.5
Fan Motor Output			W	43	43
Compressor Type				1P Rotary	1P Rotary
Net Weight			kg	29	29
Dimension			mm	717*483*230	717*483*230

* This product contains Fluorinated greenhouse gases (R410A).
** S : Sleep / L : Low / M : Medium / H : High
*** Specification, design and feature are subject to change without prior notice.

SINGLE SPLIT UNIT ONLY

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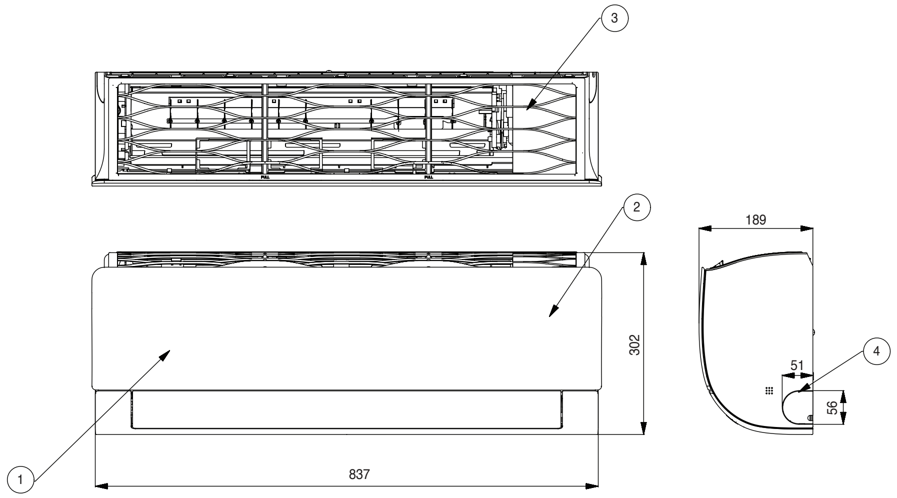
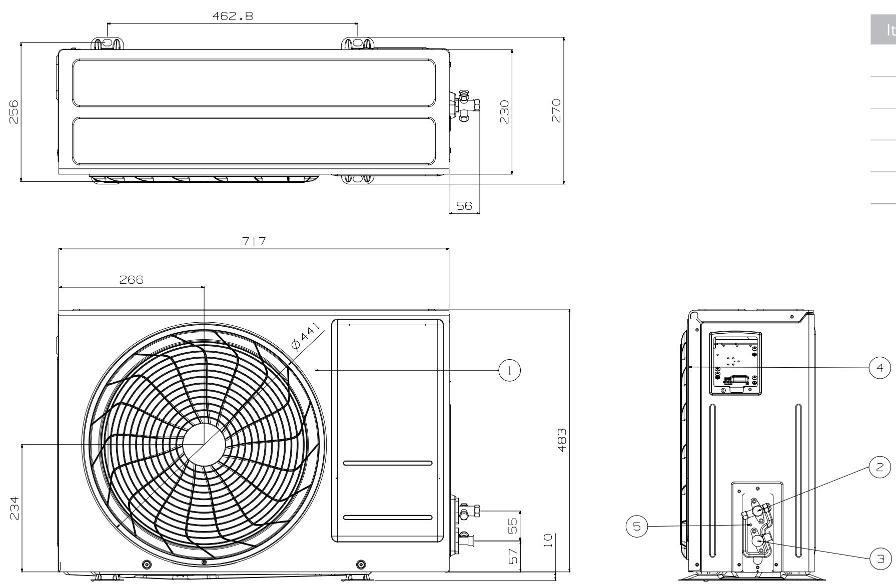
P09EN.NSJ / P12EN.NSJ



(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Filter	
4	Knockout hole	For pipe and cable
5	Installation Plate	

P09EN.UA3 / P12EN.UA3



(Unit : mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Power & Transmission connection
5	Earth Screw

* This product contains Fluorinated greenhouse gases (R410A).

STANDARD

• Single Combination

UNIT				18K	24K
MODEL INDOOR UNIT				P18EN.NSK	P24EN.NSK
Capacity	Cooling	Min/Rated/Max	W	900/5000/5525	900/6600/7420
	Heating +7°C	Min/Rated/Max	W	900/5800/6438	900/7500/8640
	Heating -7°C	Rated	W	3800	4850
Power Input	Cooling	Rated	W	1587	2275
	Heating +7°C	Rated	W	1611	2308
EER			W/W	3.15	2.90
S.E.E.R.				6.5	6.2
P design C			kW	5.0	6.6
COP			W/W	3.60	3.25
S.C.O.P.				4.0	3.9
P design H			kW	3.9	5.0
Energy Label	Cooling			A++	A++
	Heating			A+	A
Annual Energy Consumption	Cooling		kWh	269	372
	Heating		kWh	1365	1794
Sound Pressure	Cooling	Sleep	dBA	31	31
		Low	dBA	34	34
		Medium	dBA	39	42
		High	dBA	44	47
	Heating	Low	dBA	34	34
		Medium	dBA	39	42
		High	dBA	44	47
Sound Power	Cooling	High	dBA	60	65
Air Flow Rate	Cooling	Sleep	m^3/min	8.0	8.0
		Low	m^3/min	10.5	10.5
		Medium	m^3/min	13.0	13.1
		High	m^3/min	14.5	16.1
		Max (Power)	m^3/min	15.5	20.0
	Heating	Low	m^3/min	11.0	11.0
		Medium	m^3/min	13.5	15.0
		High	m^3/min	16.0	18.5
Dehumidification Rate			l/h	1.8	2.5
Running Current	Cooling	Rated	A	6.9	10.1
		Max	A	9.0	14.0
	Heating	Rated	A	7.1	10.4
		Max	A	9.5	14.0
Starting Current	Cooling	Rated	A	6.9	10.1
	Heating	Rated	A	7.1	10.4
Power Supply			Ø / V /Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	20	25
Power Supply Cable			N x mm²	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm²	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	998*330*210	998*330*210
Net Weight			kg	11.6	12.5
Fan Motor Output			W	30	60
OUTDOOR				P18EN.UL2	P24EN.UUE
Operation Range	Cooling	Min~Max	°CDB	-15~48	-15~48
	Heating	Min~Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dBA	53	56
	Heating	High	dBA	55	57
Sound Power	Cooling	High	dBA	65	70
Air Flow Rate	Cooling	High	m^3/min	35	50
Piping	Length (Odu/Idu)	Min	m	3	3
		Max	m	20	30
	Elevation (Odu/Idu)	Max	m	10	15
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35
	Gas	OD(Outside)	mm	12.7	15.88
	Drain	OD(Outside)	mm	21.5 (0.85)	21.5 (0.85)
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	1200	1350
			t-CO_2 eq	2.51	2.82
	Additional charge		g/m	20	30
	GWP			2087.5	2087.5
Fan Motor Output			W	43	85
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	36.7	46
Dimension			mm	770*545*288	870*655*320

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SINGLE SPLIT UNIT ONLY

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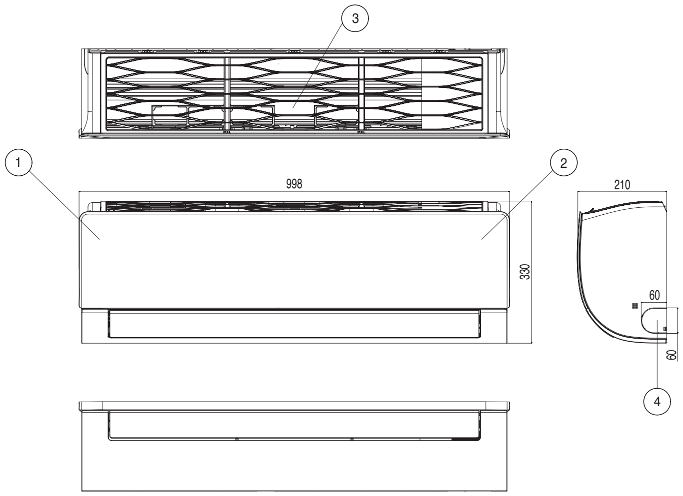
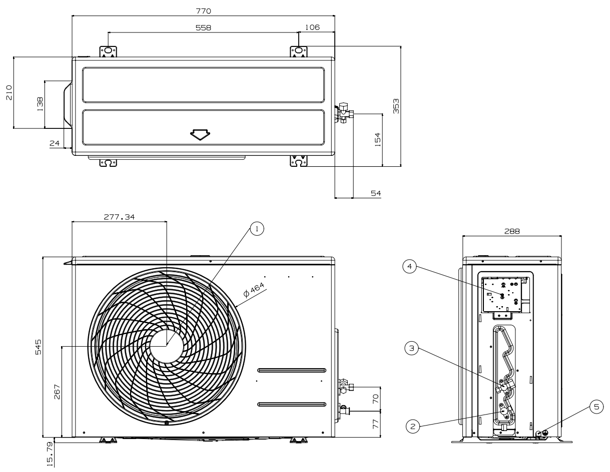
P18EN.NSK / P24EN.NSK



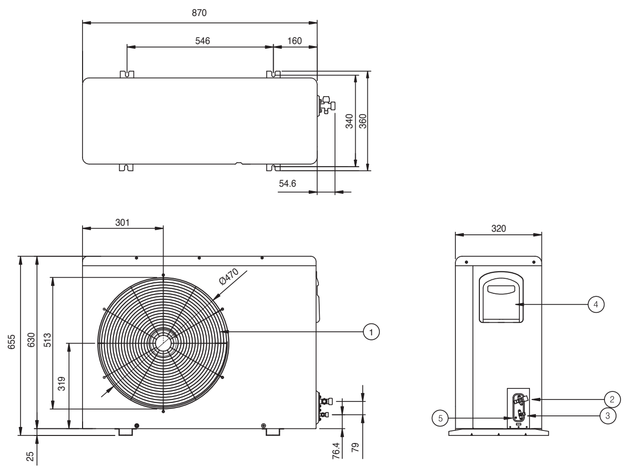
(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Suction Filter	
4	Installation Plate	

P18EN.UL2



P24EN.UUE



(Unit: mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw

ARTCOOL STYLIST

AKB73996601
Stylist Remote

Dual Protection Filter · Auto Cleaning · Jet Cool · 3 Way Air Flow · Fast Heating

Gold Fin™ · Low Noise 19dB · Silence Mode 3dB · Quick & Easy Installation

• Single Combination

UNIT				9K	12K
INDOOR				G09WL.NS3	G12WL.NS3
Capacity	Cooling	Min/Rated/Max	W	1300/2500/3500	1300/3500/4000
	Heating	Min/Rated/Max	W	1300/3000/4200	1300/3500/5000
	Heating -7°C	Rated	W	3200	3700
Power Input	Cooling	Rated	W	690	1090
	Heating +7°C	Rated	W	830	970
EER			W/W	3.61	3.21
S.E.E.R.				5.70	5.60
P design C			kW	2.50	3.50
COP			W/W	3.61	3.61
S.C.O.P.				3.80	3.80
P design H			kW	2.70	3.30
Energy Label	Cooling			A+	A+
	Heating			A	A
Annual Energy Consumption	Cooling		kWh	170	220
	Heating		kWh	1100	1224
Power Supply			Ø / V /Hz	1/220~240/50	1/220~240/50
Sound Pressure	Cooling	S/L/M/H	dBA	19/29/34/39	19/29/34/39
	Heating	S/L/M/H	dBA	32/35/39	32/35/39
Sound Power	Cooling	High	dBA	60	60
Air Flow Rate	Cooling	Max (Power)	m³/min	9.7	10.5
		S/L/M/H	m³/min	4.5/6.0/7.0/8.0	4.5/6.0/7.0/8.0
	Heating	L/M/H	m³/min	6.6/7.5/8.5	6.6/7.5/8.5
Dehumidification Rate			l/h	1.2	1.5
Running Current	Cooling	Rated/Max	A	4.0/6.0	5.0/6.0
	Heating	Rated/Max	A	4.0/7.0	4.5/7.0
Starting Current	Cooling	Rated	A	4.0	5.0
	Heating	Rated	A	4.0	4.5
Circuit Breaker			A	15	15
Power Supply Cable			N x mm²	3*1.0	3*1.0
Power & Transmission Cable			N x mm²	4*1.0(Including Earth)	4*1.0(Including Earth)
Dimension			mm	645*645*121	645*645*121
Net Weight			kg	18	18
Fan Motor Output			W	32.7	32.7
OUTDOOR				G09WL.UL2	G12WL.UL2
Operation Range	Cooling	Min~Max	°CDB	-10~48	-10~48
	Heating	Min~Max	°CDB	-15~24	-15~24
Sound Pressure	Cooling	High	dBA	45	45
	Heating	High	dBA	45	45
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate	Cooling	High	m³/min	33	33
Piping	Length (Odu/Idu)	Min	m	-	-
		Max	m	15	15
	Elevation (Odu/Idu)	Max	m	10	10
Piping Connection	Liquid	OD(Outside)	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas	OD(Outside)	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	1000	1000
			t-CO_2 eq	2.09	2.09
	Additional charge		g/m	20	20
	GWP			2087.5	2087.5
Fan Motor Output			W	43	43
Compressor Type				Rotary	Rotary
Net Weight			kg	34	34
Dimension			mm	770*545*288	770*545*288

* This product contains Fluorinated greenhouse gases (R410A).
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SINGLE SPLIT UNIT ONLY

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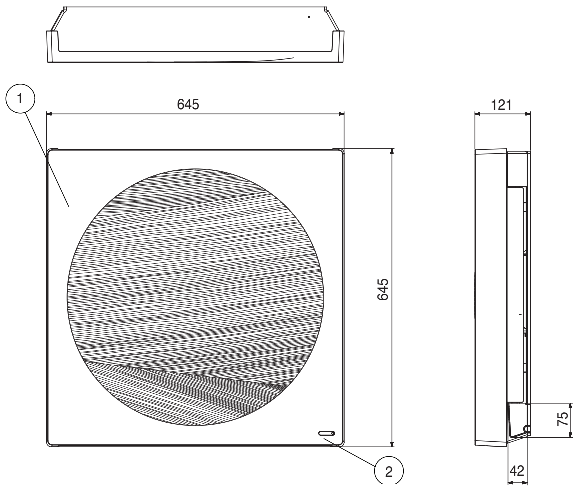
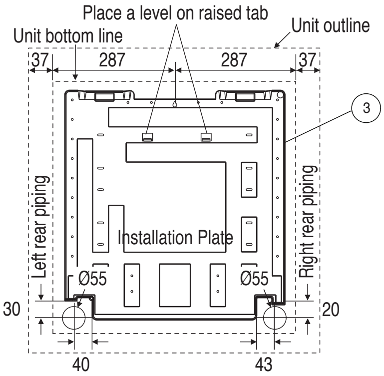
G09WL.NS3 / G12WL.NS3

(Unit: mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Signal Receiver	
3	Installation Plate	

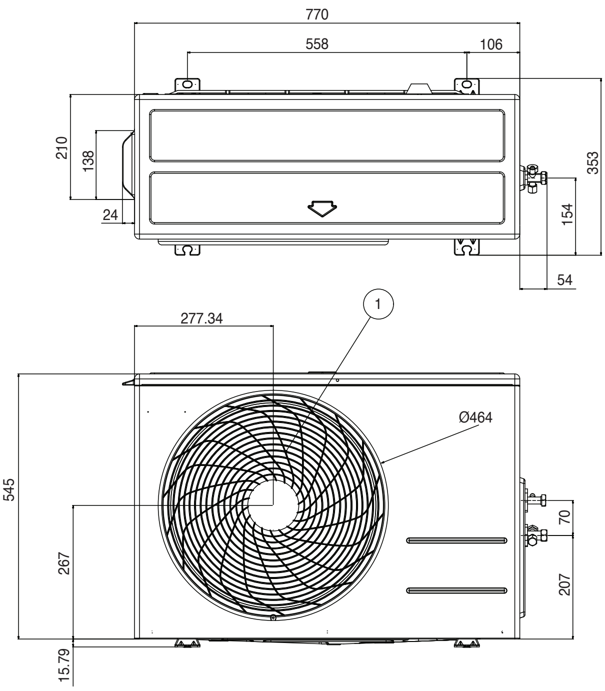


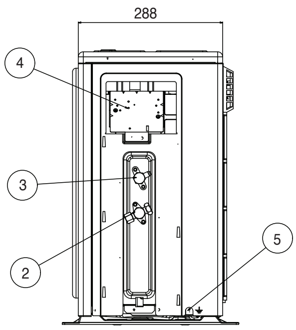


G09WL.UL2 / G12WL.UL2

(Unit: mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw





* This product contains Fluorinated greenhouse gases (R410A).

ARTCOOL GALLERY

Dual Protection Filter | Auto Cleaning | Jet Cool | 3 Way Air Flow | Fast Heating

Gold Fin™ | Low Noise 19dB | Silence Mode 3dB | Quick & Easy Installation

• Multi Combination ONLY

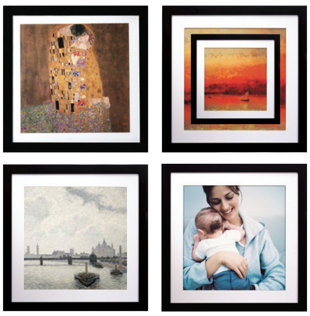
UNIT				9K	12K
INDOOR				MA09AH1.NF1	MA12AH1.NF1
Capacity	Cooling	Nom	kW	2.6	3.5
	Heating	Nom	kW	2.9	3.9
Power Input			W x No.	40 x 1	40 x 1
Running Current			A	0.1	0.1
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m³/min	7.7 / 5.9 / 4.4	8.9 / 7.3 / 5.6
Sound Pressure Level		H / M / L	dB(A)	38 / 32 / 27	44 / 38 / 32
Sound Power Level		Cooling	dB(A)	52	54
Dehumidification Rate			l/h	1.2	1.4
Dimensions	Body	W x H x D	mm	600 × 600 × 145	600 × 600 × 145
Net Weight	Body		kg	15.0	15.0
Piping Connections	Liquid		mm	Ø 6.35	Ø 6.35
	Gas		mm	Ø 9.52	Ø 9.52

* This product contains Fluorinated greenhouse gases (R410A).
** S : Sleep / L : Low / M : Medium / H : High
*** Specification, design and feature are subject to change without prior notice.

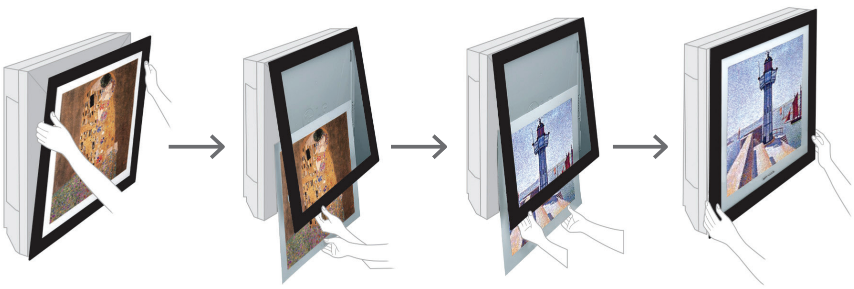
• Aesthetic Design

You no longer need to be told what your air conditioner should look like. With LG's revolutionary ARTCOOL Gallery, you can change the look of your air conditioner to whatever you want, whenever you want.

Gallery



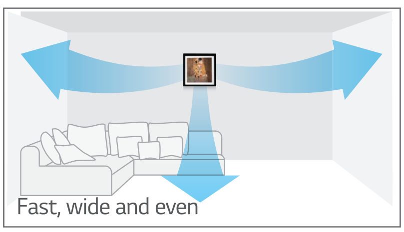
How **to change the picture**



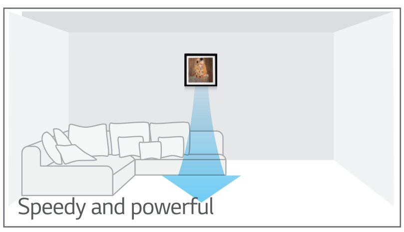
• Digital Air Flow Control

The air flow can be controlled to ensure maximum comfort and convenience.

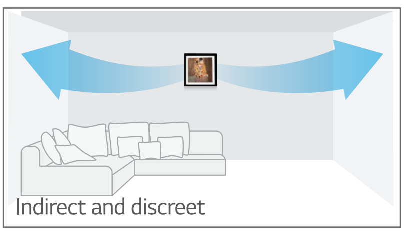
Normal



Jet Cool



Sleep Mode



MULTI SPLIT UNIT ONLY

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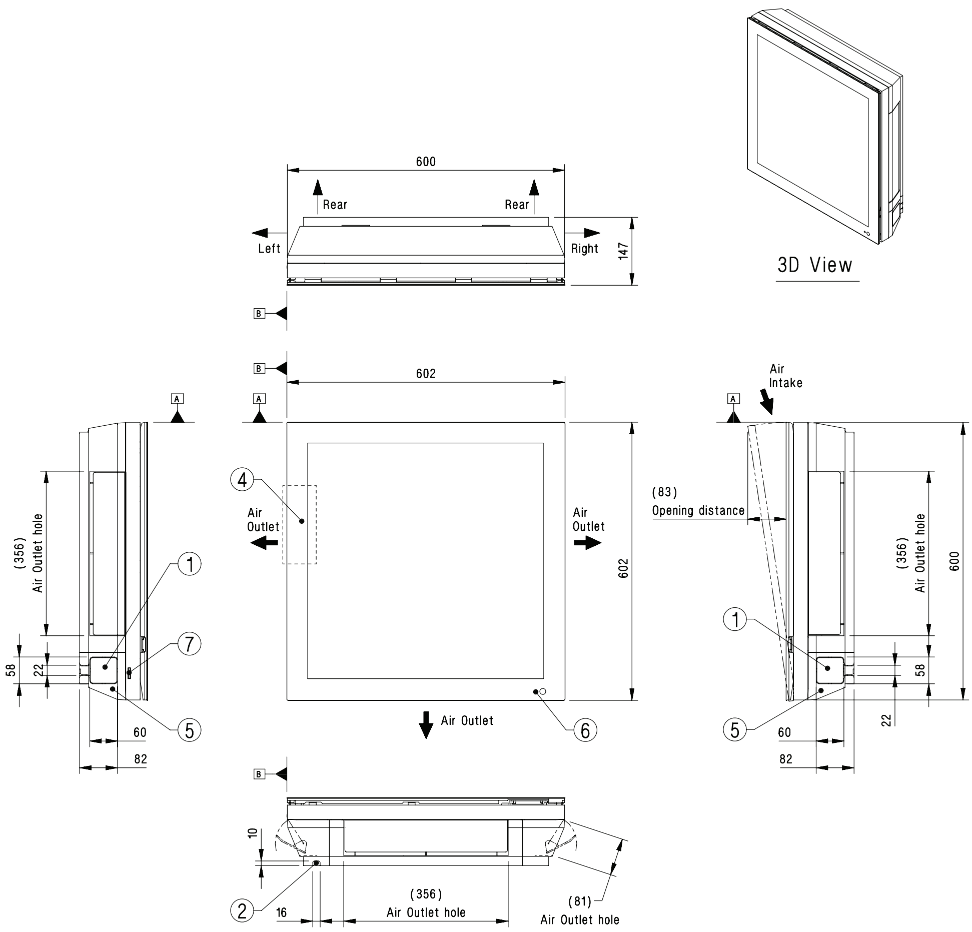
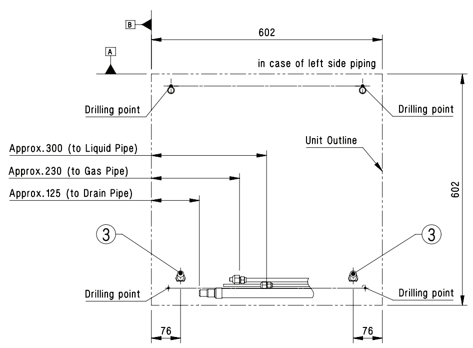
A09AW1 / A12AW1





(Unit: mm)

Item No.	Part Name	Remark
1	Refrigerant/Drain pipe and cable routing hole	Knock-out type
2	Cable routing hole	-
3	Drain hose connection	-
4	Terminal Block for Power supply and communicaion	inside of front panel
5	Corner Cover	-
6	Remote Controller Signal Receiver	for wireless type
7	Forced ON/OFF button	-

ARTCOOL

- Embedded Wi-Fi
- Smart Diagnosis
- Active Energy Control
- Energy Display
- Plasmaster Ionizer PLUS
- Dual Protection Filter
- Auto Cleaning
- Jet Cool
- 4 Way Swing
- Fast Heating
- Gold Fin™
- Comfort Air
- Low Noise 19dB
- Silence Mode
- Quick & Easy Installation

• Single Combination

UNIT				9K	12K
INDOOR				AM09BP.NSJ	AM12BP.NSJ
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040
	Heating +7°C	Min/Rated/Max	W	890/3200/4100	890/3800/5100
	Heating -7°C	Rated	W	3000	3600
Power Input	Cooling	Rated	W	670	1080
	Heating +7°C	Rated	W	840	1000
EER			W/W	3.73	3.24
S.E.E.R.				6.5	6.4
P design C			kW	2.5	3.5
COP			W/W	3.81	3.80
S.C.O.P.				4.0	4.0
P design H			kW	2.4	2.5
Energy Label	Cooling			A++	A++
	Heating			A+	A+
Annual Energy Consumption	Cooling		kWh	134	191
	Heating		kWh	840	875
Sound Pressure	Cooling	Sleep	dBA	19	19
		Low	dBA	27	27
		Medium	dBA	35	35
		High	dBA	41	41
	Heating	Low	dBA	27	27
		Medium	dBA	35	35
		High	dBA	41	41
Sound Power	Cooling	High	dBA	59	59
Air Flow Rate	Cooling	Sleep	m^3/min	3.0	3.0
		Low	m^3/min	4.2	4.2
		Medium	m^3/min	7.5	7.5
		High	m^3/min	10.0	10.0
		Max (Power)	m^3/min	11.5	12.5
	Heating	Low	m^3/min	5.6	5.6
		Medium	m^3/min	7.2	7.2
		High	m^3/min	10.0	10.0
Dehumidification Rate			l/h	1.1	1.3
Running Current	Cooling	Rated	A	3.0	4.7
		Max	A	6.0	6.0
	Heating	Rated	A	3.7	4.5
		Max	A	7.0	7.0
Starting Current	Cooling	Rated	A	3.0	4.7
	Heating	Rated	A	3.7	4.5
Power Supply			Ø / V /Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm²	3*1.0	3*1.0
Power & Transmission Cable			N x mm²	4*1.0 (Including Earth)	4*1.0 (Including Earth)
Dimension			mm	837*308*192	837*308*192
Net Weight			kg	9.9	9.9
Fan Motor Output			W	30	30
OUTDOOR				AM09BP.UA3	AM12BP.UA3
Operation Range	Cooling	Min~Max	°CDB	-10~48	-10~48
	Heating	Min~Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dBA	49	49
	Heating	High	dBA	50	50
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate	Cooling	High	m^3/min	27	27
Piping	Length (Odu/Idu)	Min	m	3	3
		Max	m	15	15
	Elevation (Odu/Idu)	Max	m	7	7
Piping Connection	Liquid	OD(Outside)	mm	Ø6.35	Ø6.35
	Gas	OD(Outside)	mm	Ø9.52	Ø9.52
	Drain	OD(Outside)	mm (inch)	21.5 (0.85)	21.5 (0.85)
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	950	950
			t-CO_2 eq	1.98	1.98
	Additional charge		g/m	20	20
	GWP			2087.5	2087.5
Fan Motor Output			W	43	43
Compressor Type				1P Rotary	1P Rotary
Net Weight			kg	29	29
Dimension			mm	717*483*230	717*483*230

* This product contains Fluorinated greenhouse gases (R410A).
** S : Sleep / L : Low / M : Medium / H : High
*** Specification, design and feature are subject to change without prior notice.
**** Artcool : preliminary specification

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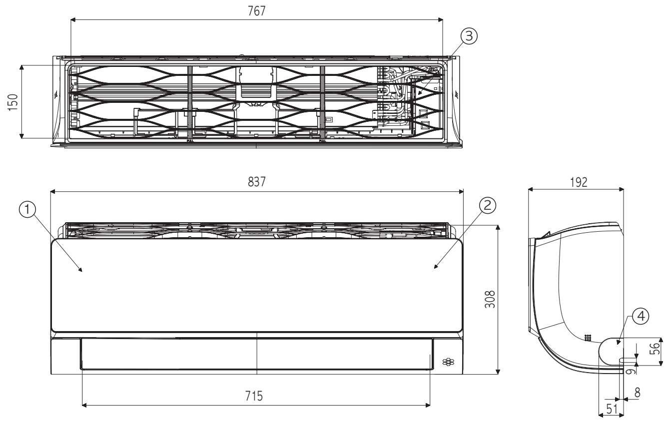
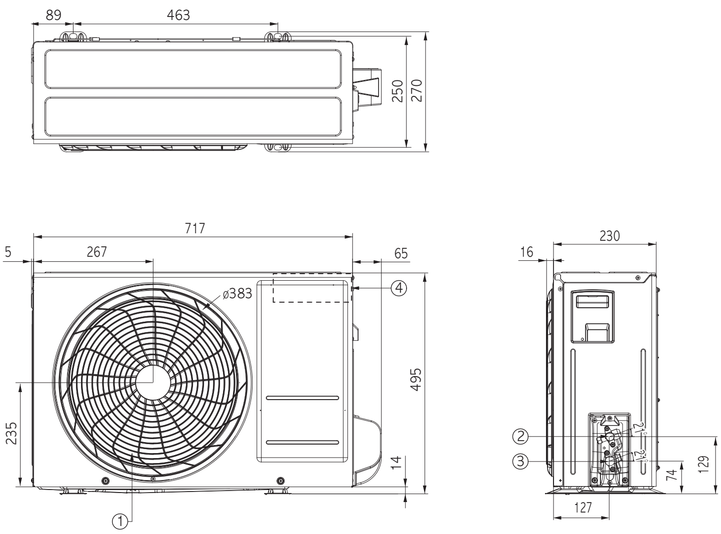
AM09BP.NSJ / AM12BP.NSJ



(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Filter	
4	Knockout hole	For pipe and cable

AM09BP.UA3 / AM12BP.UA3



(Unit : mm)

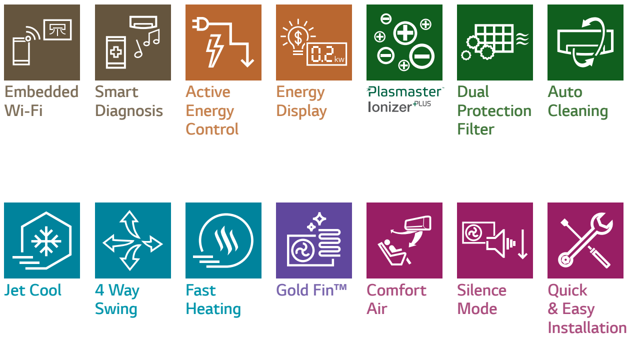
Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box

* This product contains Fluorinated greenhouse gases (R410A).

• Multi Combination

UNIT				7K	9K	12K
INDOOR				AM07BP NSJ	AM09BP NSJ	AM12BP NSJ
Capacity	Cooling/Heating	Nom	kW	2.1 / 2.3	2.5 / 3.2	3.5 / 3.8
Power Input			W x No.	30 x 1	30 x 1	30 x 1
Running Current			A	0.2	0.2	0.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m^3/min	9.7 / 8.2 / 5.7	10.2 / 8.4 / 5.7	10.7 / 9.2 / 5.7
Sound Pressure Level		H / M / L	dB(A)	35/32/27	36/33/27	40/35/27
Sound Power Level		Cooling	dB(A)	57	57	57
Dehumidification Rate		l/h	l/h	0.9	1.1	1.2
Dimension			mm	837*308*192	837*308*192	837*308*192
Net weight			kg	9.9	9.9	9.9
Piping Connections	Liquid		mm	Ø 6.35	Ø 6.35	Ø 6.35
	Gas		mm	Ø 9.52	Ø 9.52	Ø 9.52

ARTCOOL



• Single Combination

UNIT				18K
INDOOR				AM18BP.NSK
Capacity	Cooling	Min/Rated/Max	W	900/5000/5525
	Heating +7°C	Min/Rated/Max	W	900/5800/6438
	Heating -7°C	Rated	W	3800
Power Input	Cooling	Rated	W	1587
	Heating +7°C	Rated	W	1611
EER			W/W	3.15
S.E.E.R.				6.5
P design C			kW	5.0
COP			W/W	3.60
S.C.O.P.				4.0
P design H			kW	3.9
Energy Label	Cooling			A++
	Heating			A+
Annual Energy Consumption	Cooling		kWh	269
	Heating		kWh	1365
Sound Pressure	Cooling	Sleep	dBA	31
		Low	dBA	34
		Medium	dBA	39
		High	dBA	44
	Heating	Low	dBA	34
		Medium	dBA	39
		High	dBA	44
Sound Power	Cooling	High	dBA	60
Air Flow Rate	Cooling	Sleep	m^3/min	8.0
		Low	m^3/min	10.5
		Medium	m^3/min	13.0
		High	m^3/min	14.5
		Max (Power)	m^3/min	15.5
	Heating	Low	m^3/min	11.0
		Medium	m^3/min	13.5
		High	m^3/min	16.0
Dehumidification Rate			l/h	1.8
Running Current	Cooling	Rated	A	6.9
		Max	A	9.0
	Heating	Rated	A	7.1
		Max	A	9.5
Starting Current	Cooling	Rated	A	6.9
	Heating	Rated	A	7.1
Power Supply			Ø / V /Hz	1 / 220-240 / 50
Circuit Breaker			A	20
Power Supply Cable			N x mm²	3 x 1.5
Power & Transmission Cable			N x mm²	4 x 1.0 (Including Earth)
Dimension			mm	998*345*212
Net Weight			kg	13.2
Fan Motor Output			W	30
OUTDOOR				AM18BP.UL2
Operation Range	Cooling	Min~Max	°CDB	-15~48
	Heating	Min~Max	°CDB	-10~24
Sound Pressure	Cooling	High	dBA	53
	Heating	High	dBA	55
Sound Power	Cooling	High	dBA	65
Air Flow Rate	Cooling	High	m^3/min	35
Piping	Length (Odu/Idu)	Min	m	3
		Max	m	20
	Elevation (Odu/Idu)	Max	m	10
Piping Connection	Liquid	OD(Outside)	mm	Ø6.35
		OD(Outside)	inch	
	Gas	OD(Outside)	mm	Ø12.7 (1/2)
		OD(Outside)	inch	
	Drain	OD(Outside)	mm	21.5
		OD(Outside)	inch	0.85
Refrigerant	Type			R410A
	Charge at 7.5m		g	1200
			t-CO_2 eq	2.51
	Additional charge		g/m	20
	GWP			2087.5
Fan Motor Output			W	43
Compressor Type				Twin Rotary
Net Weight			kg	36.7
Dimension			mm	770*545*288

* This product contains Fluorinated greenhouse gases (R410A).
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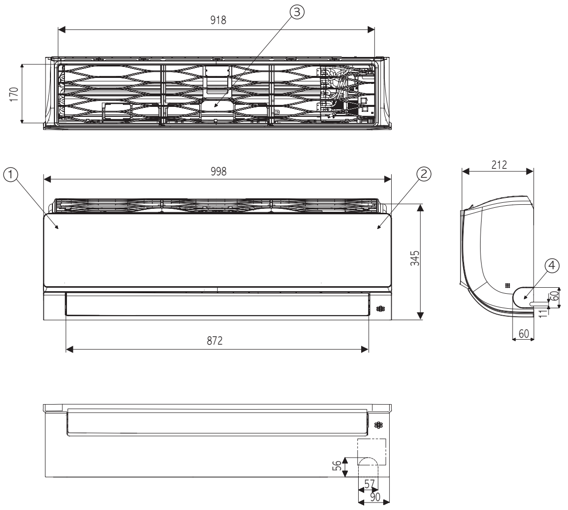
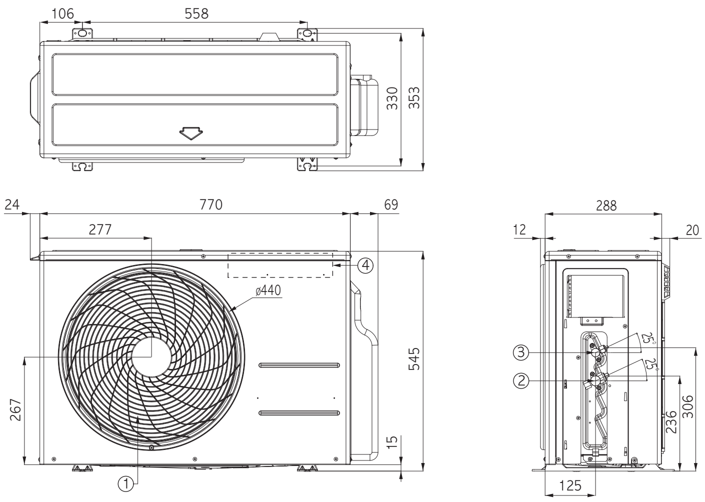
AM18BP.NSK



(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Suction Filter	
4	Installation Plate	

AM18BP.UL2



(Unit : mm)

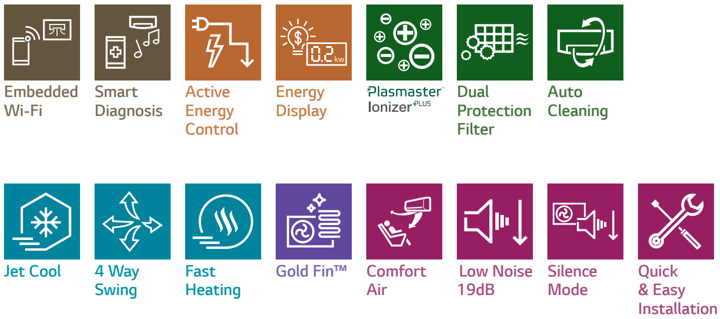
Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box

* This product contains Fluorinated greenhouse gases (R410A).

• Multi Combination

UNIT				18K	24K
INDOOR				AM18BP NSK	AM24BP NSK
Capacity	Cooling/Heating	Nom	kW	5.0 / 5.8	6.6 / 7.5
Power Input			W x No.	60 x 1	60 x 1
Running Current			A	0.4	0.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m^3/min	14.2 / 11.3 / 9.9	15.2 / 12.7 / 10.2
Sound Pressure Level		H / M / L	dB(A)	44 /38/ 35	46/41/36
Sound Power Level		Cooling	dB(A)	59	65
Dehumidification Rate		l/h	l/h	1.9	2.6
Dimension			mm	998*345*212	998*345*212
Net weight			kg	13.2	13.2
Piping Connections	Liquid		mm	Ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas		mm	Ø 12.7 (1/2)	Ø 12.7 (1/2)

NEW DELUXE



• Single Combination

UNIT				9K	12K
INDOOR				DM09RP.NSJ	DM12RP.NSJ
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040
	Heating +7°C	Min/Rated/Max	W	890/3200/5000	890/4000/6000
	Heating -7°C	Rated	W	3200	3800
Power Input	Cooling	Rated	W	556	898
	Heating +7°C	Rated	W	712	975
EER			W/W	4.5	3.9
S.E.E.R.				7.7	7.6
P design C			kW	2.5	3.5
COP			W/W	4.5	4.1
S.C.O.P.				4.6	4.6
P design H			kW	2.8	2.9
Energy Label	Cooling			A++	A++
	Heating			A++	A++
Annual Energy Consumption	Cooling		kWh	114	162
	Heating		kWh	853	883
Sound Pressure	Cooling	Sleep	dBA	19	19
		Low	dBA	24	24
		Medium	dBA	35	35
		High	dBA	40	40
	Heating	Low	dBA	24	24
		Medium	dBA	35	35
		High	dBA	40	40
Sound Power	Cooling	High	dBA	60	60
Air Flow Rate	Cooling	Sleep	m^3/min	3.5	3.5
		Low	m^3/min	5.5	5.5
		Medium	m^3/min	9.0	9.0
		High	m^3/min	11.0	11.0
		Max (Power)	m^3/min	13.0	13.0
	Heating	Low	m^3/min	6.5	6.5
		Medium	m^3/min	9.0	9.0
		High	m^3/min	11.0	11.0
Dehumidification Rate			l/h	1.1	1.3
Running Current	Cooling	Rated	A	2.5	4.0
		Max	A	6.0	6.0
	Heating	Rated	A	3.2	4.3
		Max	A	7.0	7.0
Starting Current	Cooling	Rated	A	2.5	4.0
	Heating	Rated	A	3.2	4.3
Power Supply			Ø / V /Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm^2	3*1.0	3*1.0
Power & Transmission Cable			N x mm^2	4*1.0 (Including Earth)	4*1.0 (Including Earth)
Dimension			mm	837*308*189	837*308*189
Net Weight			kg	8.3	8.3
Fan Motor Output			W	30	30
OUTDOOR				DM09RP.UL2	DM12RP.UL2
Operation Range	Cooling	Min~Max	°CDB	-15~48	-15~48
	Heating	Min~Max	°CDB	-15~24	-15~24
Sound Pressure	Cooling	High	dBA	47	47
	Heating	High	dBA	48	48
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate	Cooling	High	m^3/min	35	35
Piping	Length (Odu/Idu)	Min	m	3	3
		Max	m	20	20
	Elevation (Odu/Idu)	Max	m	10	10
Piping Connection	Liquid	OD(Outside)	mm (inch)	Ø6.35	Ø6.35
	Gas	OD(Outside)	mm (inch)	Ø9.52	Ø9.52
	Drain	OD(Outside)	mm (inch)	21.5 (0.85)	21.5 (0.85)
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	1,000	1,000
			$t\text{-}CO_2$ eq	2.09	2.09
	Additional charge		g/m	20	20
	GWP			2087.5	2087.5
Fan Motor Output			W	43	43
Compressor Type				1P Rotary	1P Rotary
Net Weight			kg	30.5	30.5
Dimension			mm	770*545*288	770*545*288

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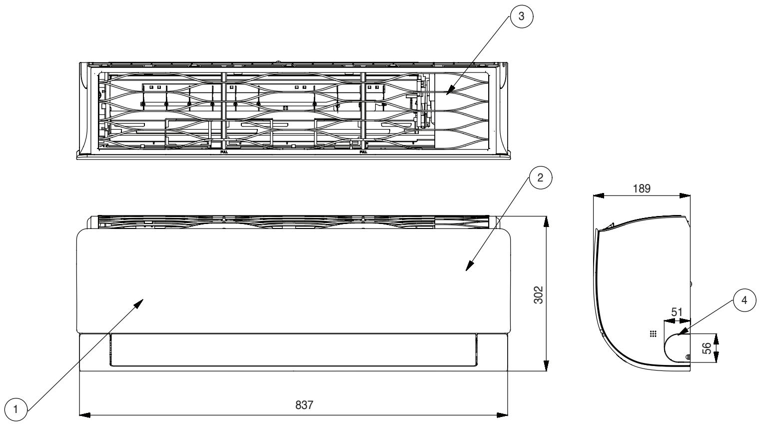
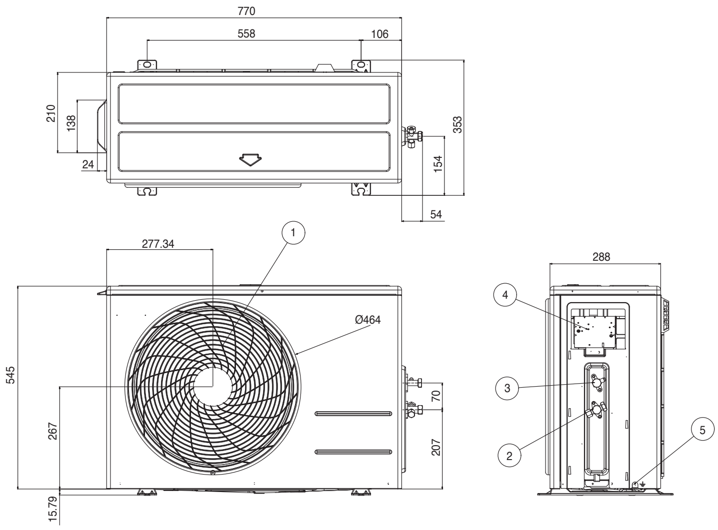
DM09RP.NSJ / DM12RP.NSJ



(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	Hidden
3	Air Filter	
4	Knockout hole	For pipe and cable

DM09RP.UL2 / DM12RP.UL2



(Unit : mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw

* This product contains Fluorinated greenhouse gases (R410A).

• Multi Combination

UNIT				7K	9K	12K
INDOOR				DM07RP.NSJ	DM09RP.NSJ	DM12RP.NSJ
Capacity	Cooling/Heating	Nom	kW	2.1 / 2.3	2.5 / 3.2	3.5 / 4.0
Power Input			W	30	30	30
Running Current			A	0.2	0.2	0.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m^3/min	7.5 / 6.1 / 4.5	7.7 / 6.4 / 5.0	8.1 / 6.7 / 5.3
Sound Pressure Level		H / M / L	dB(A)	35 / 31 / 26	36 / 32 / 27	38 / 34 / 29
Sound Power Level		Cooling	dB(A)	56	56	56
Dehumidification Rate		l/h	l/h	0.9	1.1	1.2
Dimension			mm	837*308*189	837*308*189	837 * 302 * 189
Net weight			kg	8.3	8.3	8.3
Piping Connections	Liquid		mm	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas		mm	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)

NEW DELUXE

• Single Combination

UNIT				18K	24K
INDOOR				DM18RP.NSK	DM24RP.NSK
Capacity	Cooling	Min/Rated/Max	W	900/5000/5525	900/6600/7420
	Heating +7°C	Min/Rated/Max	W	900/5800/6438	900/7500/8640
	Heating -7°C	Rated	W	3800	4850
Power Input	Cooling	Rated	W	1,562	2,275
	Heating +7°C	Rated	W	1,611	2,238
EER			W/W	3.2	2.9
S.E.E.R.				7.0	6.5
P design C			kW	5.0	6.6
COP			W/W	3.60	3.35
S.C.O.P.				4.2	4.0
P design H			kW	4.1	5.0
Energy Label	Cooling			A++	A++
	Heating			A+	A+
Annual Energy Consumption	Cooling		kWh	250	356
	Heating		kWh	1367	1770
Sound Pressure	Cooling	Sleep	dBA	31	31
		Low	dBA	34	34
		Medium	dBA	39	42
		High	dBA	44	47
	Heating	Low	dBA	34	34
		Medium	dBA	39	42
		High	dBA	44	47
Sound Power	Cooling	High	dBA	60	65
Air Flow Rate	Cooling	Sleep	m^3/min	8.0	8.0
		Low	m^3/min	10.5	10.5
		Medium	m^3/min	13.0	13.1
		High	m^3/min	14.5	16.1
		Max (Power)	m^3/min	15.5	20.0
	Heating	Low	m^3/min	11.0	11.0
		Medium	m^3/min	13.5	15.0
		High	m^3/min	16.0	18.5
Dehumidification Rate			l/h	1.8	2.5
Running Current	Cooling	Rated	A	6.9	10.1
		Max	A	9	14.0
	Heating	Rated	A	7.1	10.4
		Max	A	9.5	14.0
Starting Current	Cooling	Rated	A	6.9	10.1
	Heating	Rated	A	7.1	10.4
Power Supply			Ø / V /Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	20	25
Power Supply Cable			N x mm^2	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	998*345*210	998*345*210
Net Weight			kg	12	12
Fan Motor Output			W	60	60
OUTDOOR				DM18RP.UL2	DM24RP.UUE
Operation Range	Cooling	Min~Max	°CDB	-15~48	-15~48
	Heating	Min~Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dBA	53	56
	Heating	High	dBA	55	57
Sound Power	Cooling	High	dBA	65	70
Air Flow Rate	Cooling	High	m^3/min	35	50
Piping	Length (Odu/Idu)	Min	m	-	-
		Max	m	20	30
	Elevation (Odu/Idu)	Max	m	10	15
Piping Connection	Liquid	OD(Outside)	mm	Ø6.35	Ø6.35
	Gas	OD(Outside)	mm	Ø12.7 (1/2)	Ø15.88
	Drain	OD(Outside)	mm	21.5 (0.85)	21.5 (0.85)
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	1250	1350
			t-CO_2 eq	2.61	2.82
	Additional charge		g/m	20	30
	GWP			2087.5	2087.5
Fan Motor Output			W	43	85
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	36.2	46.4
Dimension			mm	770*545*288	870*655*320

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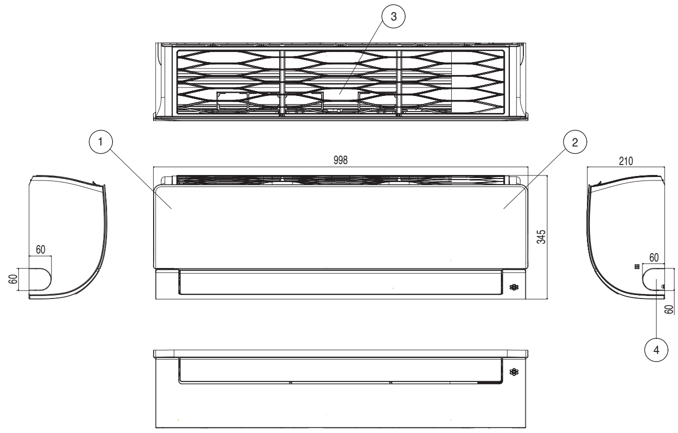
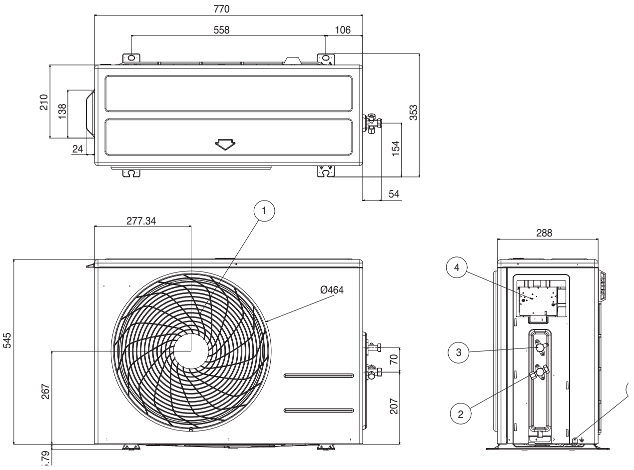
DM18RP.NSK / DM24RP.NSK



(Unit : mm)

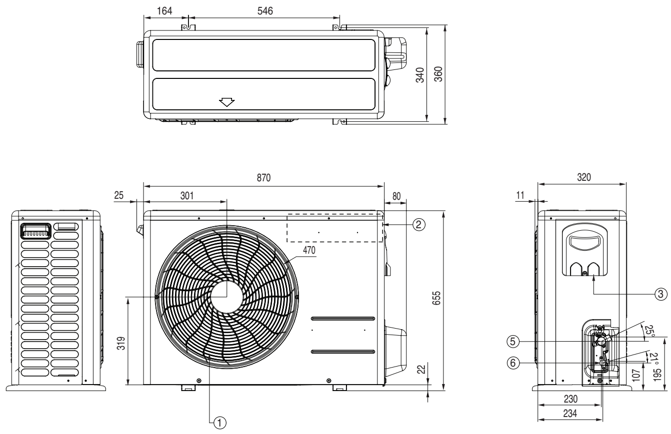
Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	Hidden
3	Air Filter	
4	Knockout hole	For pipe and cable

DM18RP.UL2



* This product contains Fluorinated greenhouse gases (R410A).

DM24RP.UUE



(Unit : mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw

• Multi Combination

UNIT				18K	24K
INDOOR				DM18RP.NSK	DM24RP.NSK
Capacity	Cooling/Heating	Nom	kW	5.0 / 5.8	6.6 / 7.5
Power Input			W	60	60
Running Current			A	0.4	0.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m^3/min	14.2 / 11.3 / 9.9	15.2 / 12.7 / 10.2
Sound Pressure Level		H / M / L	dB(A)	44 / 38 / 34	47 / 41 / 36
Sound Power Level		Cooling	dB(A)	60	64
Dehumidification Rate		l/h	l/h	1.9	2.6
Dimension			mm	998*345*210	998*345*210
Net weight			kg	12.0	12.0
Piping Connections	Liquid		mm	Ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas		mm	Ø 12.7 (1/2)	Ø 12.7 (1/2)

NEW STANDARD PLUS

- Embedded Wi-Fi
- Smart Diagnosis
- Active Energy Control
- Energy Display
- Dual Protection Filter
- Auto Cleaning
- Jet Cool
- 4 Way Swing
- Fast Heating
- Gold Fin™
- Comfort Air
- Low Noise 19dB
- Silence Mode
- Quick & Easy Installation

• Single Combination

UNIT				9K	12K
INDOOR				PM09SP.NSJ	PM12SP.NSJ
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040
	Heating +7°C	Min/Rated/Max	W	890/3200/4100	890/3800/5100
	Heating -7°C	Rated	W	3000	3600
Power Input	Cooling	Rated	W	670	1080
	Heating +7°C	Rated	W	840	1000
EER			W/W	3.73	3.24
S.E.E.R.				6.5	6.4
P design C			kW	2.5	3.5
COP			W/W	3.81	3.80
S.C.O.P.				4.0	4.0
P design H			kW	2.4	2.5
Energy Label	Cooling			A++	A++
	Heating			A+	A+
Annual Energy Consumption	Cooling		kWh	134	191
	Heating		kWh	840	875
Sound Pressure	Cooling	Sleep	dBA	19	19
		Low	dBA	27	27
		Medium	dBA	35	35
		High	dBA	41	41
	Heating	Low	dBA	27	27
		Medium	dBA	35	35
		High	dBA	41	41
Sound Power	Cooling	High	dBA	59	59
Air Flow Rate	Cooling	Sleep	m^3/min	3.0	3.0
		Low	m^3/min	4.2	4.2
		Medium	m^3/min	7.5	7.5
		High	m^3/min	10.0	10.0
		Max (Power)	m^3/min	11.5	12.5
	Heating	Low	m^3/min	5.6	5.6
		Medium	m^3/min	7.2	7.2
		High	m^3/min	10.0	10.0
Dehumidification Rate			l/h	1.1	1.3
Running Current	Cooling	Rated	A	3.0	4.7
		Max	A	6.0	6.0
	Heating	Rated	A	3.7	4.5
		Max	A	7.0	7.0
Starting Current	Cooling	Rated	A	3.0	4.7
	Heating	Rated	A	3.7	4.5
Power Supply			Ø / V /Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm²	3*1.0	3*1.0
Power & Transmission Cable			N x mm²	4*1.0 (Including Earth)	4*1.0 (Including Earth)
Dimension			mm	837*308*189	837*308*189
Net Weight			kg	8.7	8.7
Fan Motor Output			W	30	30
OUTDOOR				PM09SP.UA3	PM12SP.UA3
Operation Range	Cooling	Min~Max	°CDB	-10~48	-10~48
	Heating	Min~Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dBA	49	49
	Heating	High	dBA	50	50
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate	Cooling	High	m^3/min	27	27
Piping	Length (Odu/Idu)	Min	m	3	3
		Max	m	15	15
	Elevation (Odu/Idu)	Max	m	7	7
Piping Connection	Liquid	OD(Outside)	mm (inch)	Ø6.35	Ø6.35
	Gas	OD(Outside)	mm (inch)	Ø9.52	Ø9.52
	Drain	OD(Outside)	mm (inch)	21.5 (0.85)	21.5 (0.85)
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	950	950
			t-CO_2 eq	1.98	1.98
	Additional charge		g/m	20	20
	GWP			2087.5	2087.5
Fan Motor Output			W	43	43
Compressor Type				1P Rotary	1P Rotary
Net Weight			kg	28.4	28.4
Dimension			mm	717*483*230	717*483*230

* This product contains Fluorinated greenhouse gases (R410A).
** S : Sleep / L : Low / M : Medium / H : High
*** Specification, design and feature are subject to change without prior notice.

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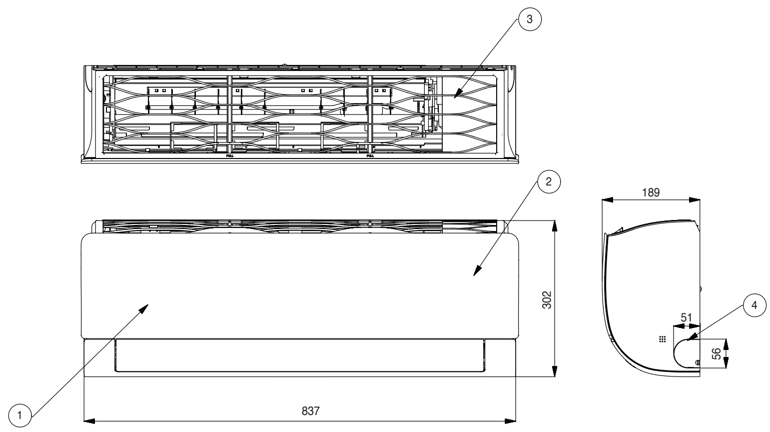
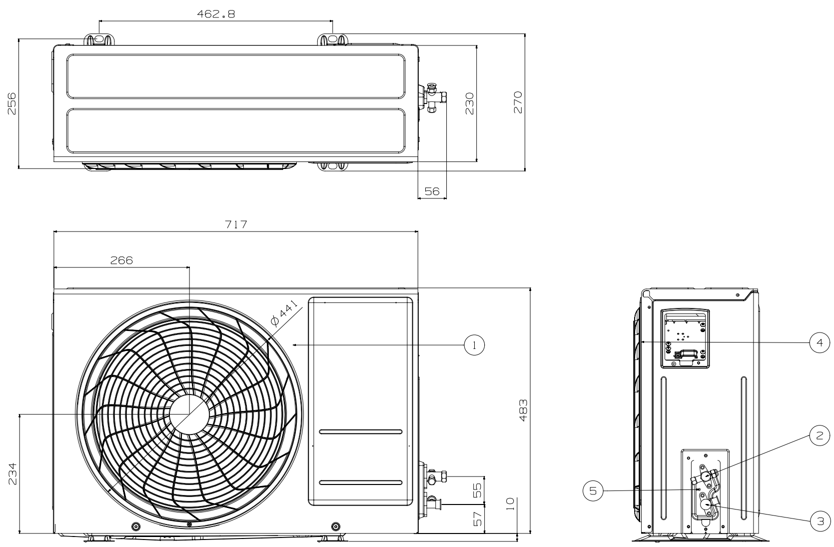
PM09SP.NSJ / PM12SP.NSJ



(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Filter	
4	Knockout hole	For pipe and cable

PM09SP.UA3 / PM12SP.UA3



(Unit : mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Power & Transmission connection
5	Earth Screw

* This product contains Fluorinated greenhouse gases (R410A).

• Multi Combination

UNIT				5K	7K	9K	12K	15K
INDOOR				PM05SP.NSJ	PM07SP.NSJ	PM09SP.NSJ	PM12SP.NSJ	PM15SP.NSJ
Capacity	Cooling/Heating	Nom	kW	1.5 / 1.6	2.1 / 2.3	2.5 / 3.2	3.5 / 3.8	4.2 / 5.4
Power Input			W	30	30	30	30	30
Running Current			A	0.1	0.1	0.2	0.2	0.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m3/min	8.3 / 6.7 / 5.7	9.7 / 8.2 / 5.7	10.2 / 8.4 / 5.7	10.7 / 9.2 / 5.7	11.2 / 10.1 / 6.1
Sound Pressure Level		H / M / L	dB(A)	34 / 31 / 27	35 / 32 / 27	36 / 33 / 27	40 / 35 / 27	41 / 36 / 29
Sound Power Level		Cooling	dB(A)	57	57	57	57	57
Dehumidification Rate		l/h	l/h	0.9	0.9	1.1	1.2	1.2
Dimension			mm	837*308*189	837*308*189	837 * 302 * 189	837 * 302 * 189	837 * 302 * 189
Net weight			kg	8.7	8.7	8.7	8.7	8.7
Piping Connections	Liquid		mm	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas		mm	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)

NEW STANDARD PLUS

Embedded Wi-Fi | Smart Diagnosis | Active Energy Control | Energy Display | Dual Protection Filter | Auto Cleaning

Jet Cool | 4 Way Swing | Fast Heating | Gold Fin™ | Comfort Air | Silence Mode | Quick & Easy Installation

• Single Combination

UNIT				18K	24K
INDOOR				PM18SP.NSK	PM24SP.NSK
Capacity	Cooling	Min/Rated/Max	W	900/5000/5525	900/6600/7420
	Heating +7°C	Min/Rated/Max	W	900/5800/6438	900/7500/8640
	Heating -7°C	Rated	W	3800	4850
Power Input	Cooling	Rated	W	1587	2275
	Heating +7°C	Rated	W	1611	2308
EER			W/W	3.15	2.90
S.E.E.R.				6.5	6.2
P design C			kW	5.0	6.6
COP			W/W	3.60	3.25
S.C.O.P.				4.0	3.9
P design H			kW	3.9	5.0
Energy Label	Cooling			A++	A++
	Heating			A+	A
Annual Energy Consumption	Cooling		kWh	269	372
	Heating		kWh	1365	1794
Sound Pressure	Cooling	Sleep	dBA	31	31
		Low	dBA	34	34
		Medium	dBA	39	42
		High	dBA	44	47
	Heating	Low	dBA	34	34
		Medium	dBA	39	42
		High	dBA	44	47
Sound Power	Cooling	High	dBA	60	65
Air Flow Rate	Cooling	Sleep	m^3/min	8.0	8.0
		Low	m^3/min	10.5	10.5
		Medium	m^3/min	13.0	13.1
		High	m^3/min	14.5	16.1
		Max (Power)	m^3/min	15.5	20.0
	Heating	Low	m^3/min	11.0	11.0
		Medium	m^3/min	13.5	15.0
		High	m^3/min	16.0	18.5
Dehumidification Rate			l/h	1.8	2.5
Running Current	Cooling	Rated	A	6.9	10.1
		Max	A	9.0	14.0
	Heating	Rated	A	7.1	10.4
		Max	A	9.5	14.0
Starting Current	Cooling	Rated	A	6.9	10.1
	Heating	Rated	A	7.1	10.4
Power Supply			Ø / V /Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	20	25
Power Supply Cable			N x mm²	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm²	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	998*345*210	998*345*210
Net Weight			kg	12	12.8
Fan Motor Output			W	30	60
OUTDOOR				PM18SP.UL2	PM24SP.UUE
Operation Range	Cooling	Min~Max	°CDB	-15~48	-15~48
	Heating	Min~Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dBA	53	56
	Heating	High	dBA	55	57
Sound Power	Cooling	High	dBA	65	70
Air Flow Rate	Cooling	High	m^3/min	35	50
Piping	Length (Odu/Idu)	Min	m	3	3
		Max	m	20	30
	Elevation (Odu/Idu)	Max	m	10	15
Piping Connection	Liquid	OD(Outside)	mm (inch)	Ø6.35	Ø6.35
	Gas	OD(Outside)	mm (inch)	Ø12.7 (1/2)	Ø15.88
	Drain	OD(Outside)	mm (inch)	21.5 (0.85)	21.5 (0.85)
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	1200	1350
			t-CO_2 eq	2.51	2.82
	Additional charge		g/m	20	30
	GWP			2087.5	2087.5
Fan Motor Output			W	43	85
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	36.3	46
Dimension			mm	770*545*288	870*655*320

* This product contains Fluorinated greenhouse gases (R410A).
** S : Sleep / L : Low / M : Medium / H : High
*** Specification, design and feature are subject to change without prior notice.

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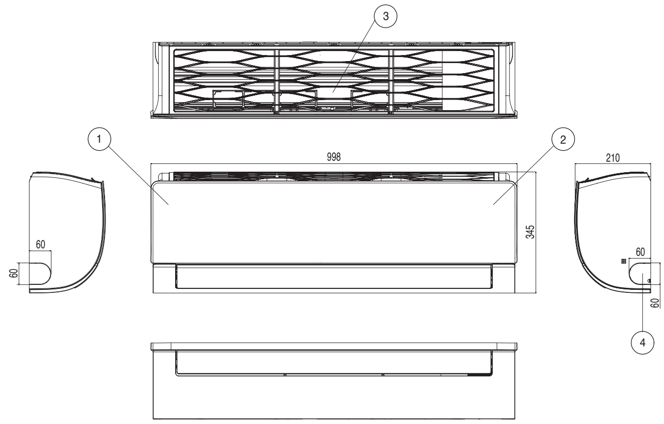
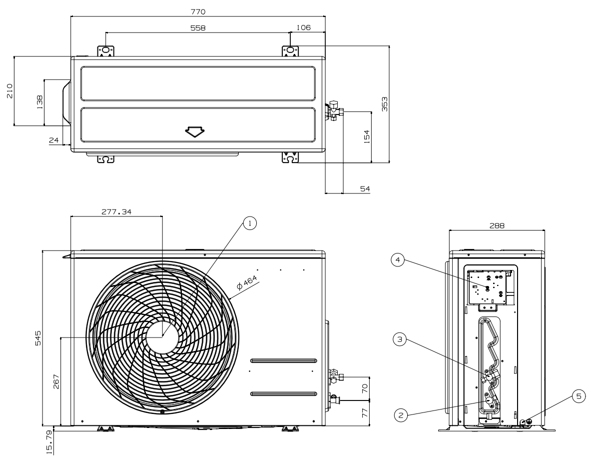
PM18SP.NSK / PM24SP.NSK

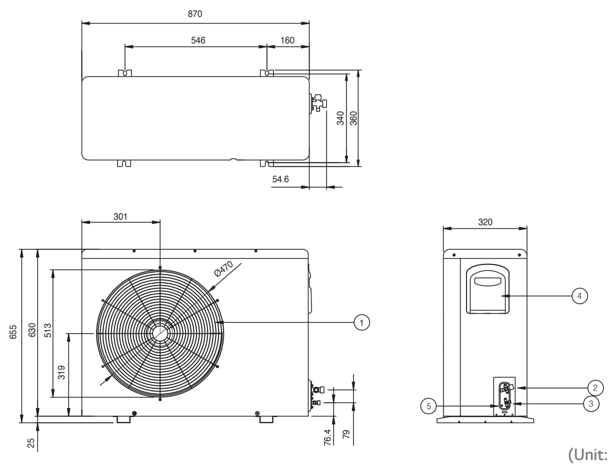


Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Suction Filter	
4	Installation Plate	

PM18SP.UL2



PM24SP.UUE



(Unit: mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw

• Multi Combination

UNIT				18K	24K
INDOOR				PM18SP.NSK	PM24SP.NSK
Capacity	Cooling/Heating	Nom	kW	5.0 / 5.8	6.6 / 7.5
Power Input			W x No.	60	60
Running Current			A	0.3	0.3
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m^3/min	14.2 / 11.3 / 9.9	15.2 / 12.7 / 10.2
Sound Pressure Level		H / M / L	dB(A)	44 / 38 / 35	46 / 41 / 36
Sound Power Level		Cooling	dB(A)	59	65
Dehumidification Rate		l/h	l/h	1.9	2.6
Dimension			mm	998*345*210	998*345*210
Net weight			kg	12.0	12.8
Piping Connections	Liquid		mm	Ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas		mm	Ø 12.7 (1/2)	Ø 12.7 (1/2)

ACCESSORIES

		Prestige	ARTCOOL Stylist	ARTCOOL	Deluxe	Standard Plus	Standard
Wired Remote Controller	5k					Y	
	7k			Y	Y	Y	-
	9k	Y	Y	Y	Y	Y	-
	12k	Y	Y	Y	Y	Y	-
	15k					Y	
	18k			Y	Y	Y	-
	24k			Y	Y	Y	-
PI 485	5k					-	
	7k			-	Y*	-	-
	9k	-	-	-	Y*	-	-
	12k	-	-	-	Y*	-	-
	15k					-	
	18k			-	Y*	-	-
	24k			-	Y*	-	-
Dry Contact	5k					Y	
	7k			Y	Y	Y	-
	9k	Y	Y	Y	Y	Y	-
	12k	Y	Y	Y	Y	Y	-
	15k					Y	
	18k			Y	Y	Y	-
	24k			Y	Y	Y	-

* Y: Available
* When connected to Multi 14k & 16k Outdoor units, this may not be supported.

Standard Wired Remote Controller

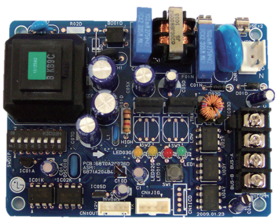
PREMTB001

PREMTBB01

※ Refer to each model PDB for applicable models.

MODEL NAME	PREMTB001 / PREMTBB01
Operation Mode	On/Off, Fan Speed Control, Temperature setting
Mode Change	Cooling / Heating / Auto / Duhumidification / Fan
Auto Swing / Vane Control	•
Reservation	Simple / Sleep / On, Off / Weekly / Holiday
Time Display	•
Electric Failure Compensation	•
Child Lock	•
Operation Status LED	•
Indoor Temperature Display	•
Wireless Remote Controller Receiver	•
Size (W*H*D, mm)	120*121*16
Backlight	•

PI 485



PMNFP14A1

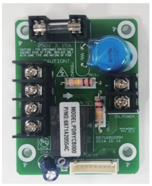
Power : Single phase AC 220V 50/60Hz

Max. no of the indoor units that can be connected: 64 UNITS

Model applied : MULTI V, MULTI, Single A

※ MULTI V II Series do not require any other PI 480 because PI 485 is inserted in their outdoor unit PCB.

Dry Contact



PDRYCB000 PDRYCB100 PDRYCB400

※ Refer to each mode PDB for applicable models.

MODEL	PDRYCB000	PDRYCB100	PDRYCB400
Contact Point	1 Control Point	1 Control Point	2Control Point
Power Input	AC 220V from outside power source	AC 24V from outside power source	DC 5V & 12V from indoor unit PCB
Voltage / Non Voltage Input	-	-	O
On / Off Control	O	O	O
Lock / Unlock	-	-	O
Fan Speed Setting	-	-	O
Thermo Off	-	-	O
Energy Saving	-	-	O
Temperature Setting	-	-	O
Error Monitoring	O	O	O
Operation Monitoring	O	O	O

Remote Controller

AKB74955603

Prestige
Artcool
New Deluxe
New Standard Plus
Standard

Button	Display Screen	Description
	-	To turn On / Off the air conditioner.
TEMP	88 °C	To adjust the desired room temperature in cooling, heating or auto changeover mode.
COMFORT AIR		To adjust the air flow to deflect wind.
LIGHT OFF	-	To set the brightness of the display on the indoor unit.
MODE		To select the cooling mode.
		To select the heating mode.
		To select the dehumidification mode.
		To select the fan mode.
		To select the auto changeover / auto operation mode.
FAN SPEED		To adjust the fan speed.
ENERGY CTRL.		To bring the effect of the power saving.
JET MODE	Po	To change room temperature quickly.
SWING SWING		To adjust the air flow direction vertically or horizontally.
ROOM TEMP		To display the room temperature.
°C↔°F[5sec]	°C °F	To change unit between °C and °F.
SET/ CANCEL	-	To set / cancel the functions and timer.
	-	To adjust time.
TIMER	-	To turn on / off air conditioner automatically.
CANCEL	-	To cancel the timer settings.

AKB73996601

Stylist

Outcircle		
	On / Off button	Turns A/C or display screen on / off
	Temperature adjustment button	Adjusts the room temperature when ACO, cooling and heating.
	Indoor fan speed button	Adjusts the fan speed
Screen		
	Icon for moving a menu	Taps ◀ ▶, or 🏠 to move a menu to the left or right.
18°C	Set temperature display	Displays the room temperature when you tap the "Set Temp".
	Fan speed display	If additional functions are set, the fan speed and additional function(s) will display alternately.
	Icon for turning on/off the lighting of the indoor unit.	
	Operation mode display	Cooling / Auto Changeover / Dehumidifying / Heating / Air Circulation
	Battery status display	Displays the amount of battery left

COMMERCIAL

Single split

COMMERCIAL

LINE UP

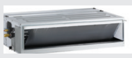
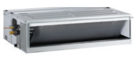
STANDARD INVERTER

kBtu/h	kW	Ceiling Mounted Cassette	Ceiling Concealed Duct: Mid/High Static	Ceiling Concealed Duct: Low Static	Ceiling Floo/ Ceiling Suspended	Console/ Wall Mounted/ Floor Standing	Universal Outdoor Units: 1 Phase	Universal Outdoor Units: 3 Phase
9	2.5	CT09 NR2		CB09L N12	CV09 NE2	CQ09 NA0	UU09W ULD	
12	3.5	CT12 NR2		CB12L N22	CV12 NE2	CQ12 NA0	UU12W ULD	
18	5.0	CT18 NQ4	CM18 N14	CB18L N22	CV18 NJ2	CQ18 NA0	UU18W UE4	
24	7.1	CT24 NP4	CM24 N14	CB24L N32	CV24 NJ2		UU24W U44	
30	8.0	UT30 NP4	UM30 N14		UV30 NJ2	UJ30 NV2	UU30W U44	
36	10.0	UT36 NN2	UM36 N24		UV36 NK2	UJ36 NV3	UU36W UO2	UU37W UO2
42	12.5	UT42 NM2	UM42 N24		UV42 NL2		UU42W U32	UU43W U32
48	14.0	UT48 NM2	UM48 N34		UV48 NL2	UP48 NT2	UU48W U32	UU49W U32
60	15.0	UT60 NM2	UM60 N34		UV60 NL2		UU60W U32	UU61W U32

STANDARD INVERTER

kBtu/h	kW (Type)	Ceiling Mounted Cassette	Ceiling Concealed Duct		Ceiling Floo/ Ceiling Suspended	Console/ Wall Mounted/ Floor Standing	Universal Outdoor Units	
			Mid/High Static	Low Static			1 Phase	3 Phase
70	20.0		 UB70 N94					 UU70W U34
85	25.0		 UB85 N94					 UU85W U74

COMPACT INVERTER

kBtu/h	kW (Type)	Ceiling Mounted Cassette	Ceiling Concealed Duct	Ceiling Suspended Unit	Universal Outdoor Units	
					1 Phase	3 Phase
18	5.0		 UB18C NH0		 UU18WC UL0	
24	7.1		 UB24C NH0		 UU24WC UE0	
30	8.0		 UM30 N14		 UU30WC UE0	
36	10.0		 UM36 N24		 UU36WC U40	

SINGLE SPLIT

FEATURE OVERVIEW

Category		STANDARD INVERTER								
kBTU		9	12	18	24	30	36	42	48	60
kW		2.5	3.5	5.0	7.1	8.0	10.0	12.5	14.0	15.0
Energy Efficiency	BLDC Comp. Fan Motor	•	•	•	•	•	•	•	•	•
	Eurovent Certi.	•	•	•	•	•	•	•	•	•
	Variable Voltage Control			•	•	•	•	•	•	•
	Wide Louver Fin			•	•	•	•	•	•	•
	Optimised Heat Exchanger Path			•	•	•	•	•	•	•
	Power Saving Start up			•	•	•	•	•	•	•
	Quick Operation Response			•	•	•	•	•	•	•
	Peak Current Control			•	•	•				
	Mode Lock	•	•	•	•	•	•**	•**	•**	•**
	Standby Mode			•	•	•				
Fast Cooling Heating	Forced Cooling Operation			•	•	•	•	•	•	•
Comfort	Night Silent Operation			•	•	•	•	•	•	•
Smart	Outdoor Dry Contact						•	•	•	•
	LG MV	•	•	•	•	•	•	•	•	•
	Weekly Program*	•	•	•	•	•	•	•	•	•
	PI-485 Connection			•	•	•	•	•	•	•
AHU Solution	Return Air Control			•	•	•	•	•	•	•
	0-10V Supply Air Control			•	•	•				

* Weekly program is available with wired remote controller
** With controller PREMTB001 / PREMTBB01

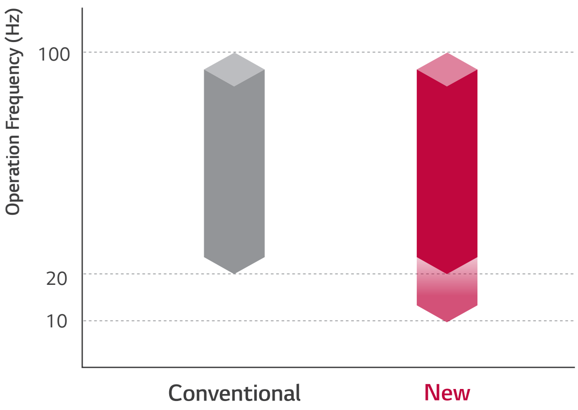
Category		STANDARD INVERTER		COMPACT			
kBTU		70	85	18	24	30	36
kW		20.0	25.0	5.0	7.1	8.0	10.0
Energy Efficiency	BLDC Comp. Fan Motor	•	•	•	•	•	•
	Eurovent Certi.	•	•	•	•	•	•
	Variable Voltage Control	•	•				
	Wide Louver Fin	•	•	•	•		•
	Optimised Heat Exchanger Path	•	•	•	•	•	•
	Power Saving Start up	•	•	•	•	•	•
	Quick Operation Response	•	•	•	•	•	•
	Peak Current Control	•	•				
	Mode Lock	•	•	•	•	•	•
	Standby Mode	•	•	•	•	•	•
Fast Cooling Heating	Forced Cooling Operation	•	•				
Comfort	Night Silent Operation	•	•				
Smart	Outdoor Dry Contact	•	•				
	LG MV	•	•	•	•	•	•
	Weekly Program*	•	•	•**	•**	•	•
	PI-485 Connection	•	•				
AHU Solution	Return Air Control	•	•	•	•	•	•
	0-10V Supply Air Control	•	•				

* Weekly program is available with wired remote controller
** With controller PREMTB001 / PREMTBB01

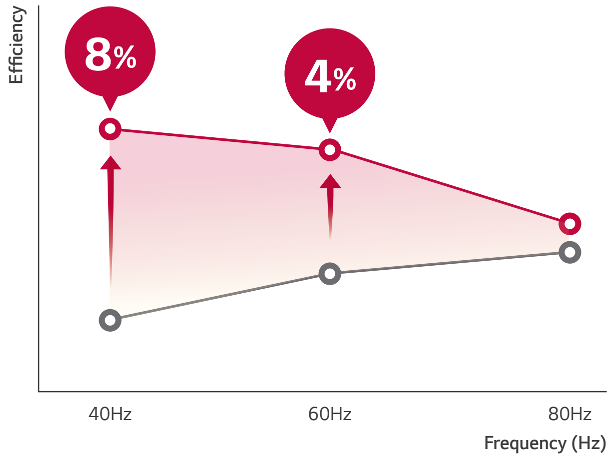
ENERGY EFFICIENCY

BLDC (Brushless Direct Current Motor) Compressor

LG air conditioners are equipped with a BLDC compressor that uses a strong neodymium magnet.
The compressor has improved efficiency compared to standard AC inverter products and it is optimised for seasonal efficiency.

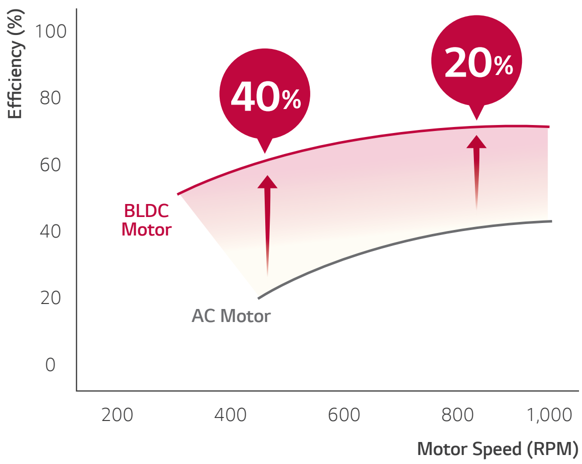


* Based on UU24W U44



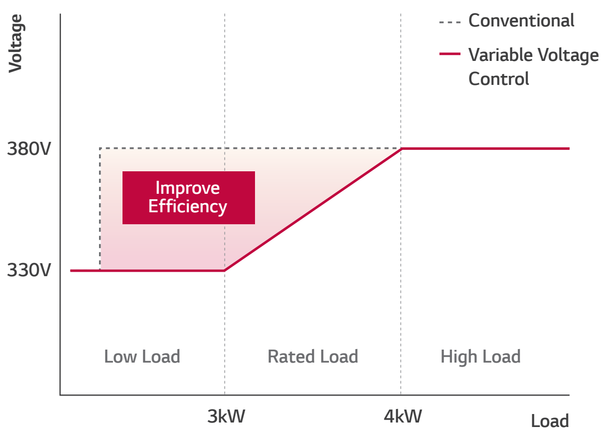
BLDC Fan Motor

The BLDC Fan motor is more efficient than a conventional AC motor, offering an additional 40% energy savings at low speeds and 20% at high speeds.



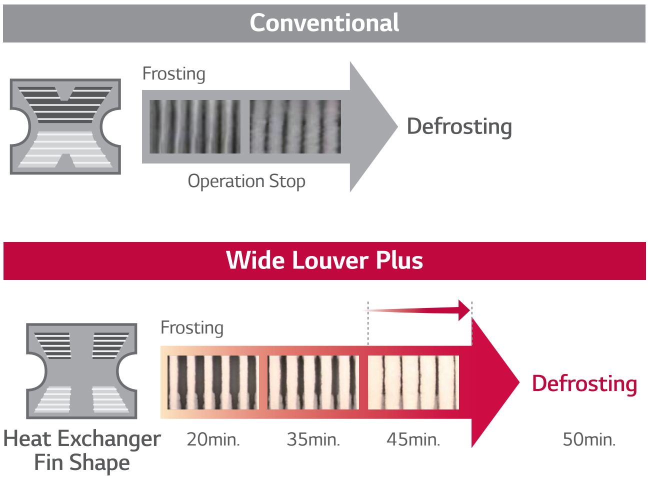
Variable Voltage Control

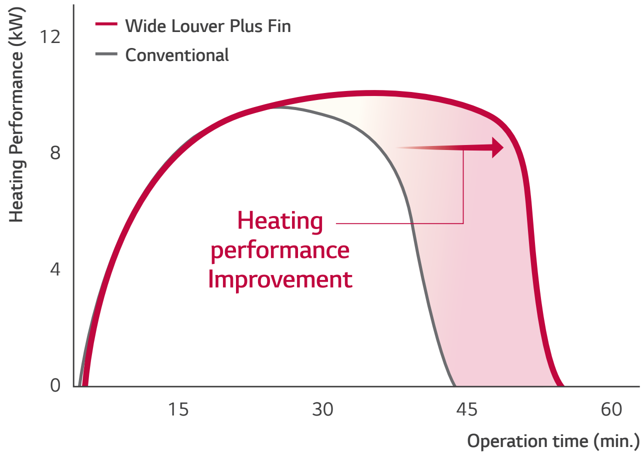
The compressor of **H-Inverter** improved efficiency by adjusting compressor input voltage depends on the compressor input load.



Wide Louver Plus Fin

Wide Louver Plus fin technology increases 11% of full load heating performance and 6% of COP compared to conventional fin.
It can slow down frosting of heat exchanger and postpone the start of defrosting operation.

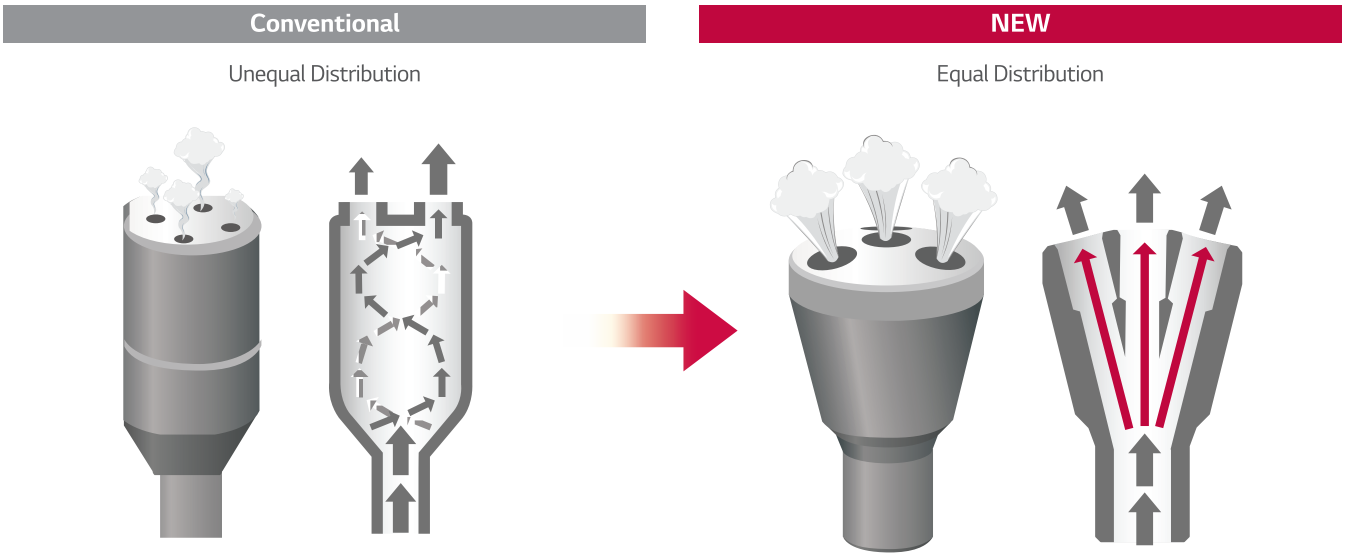




* Based on UU24W U42

Optimised Heat Exchanger Path

Optimised heat exchanger path improved cycle efficiency up to 5%.

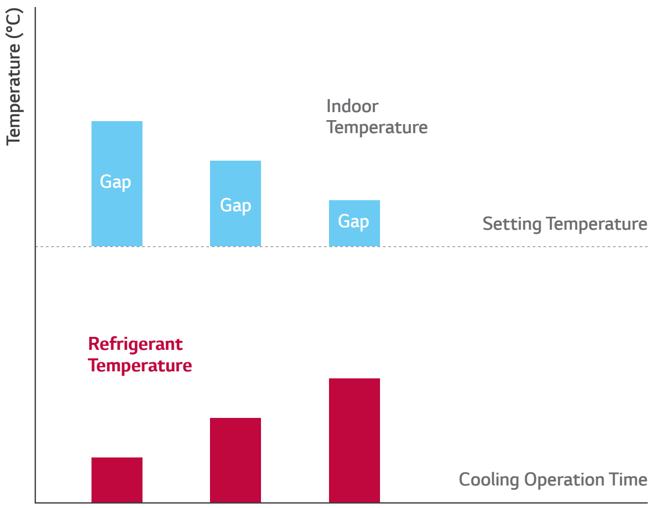


ENERGY EFFICIENCY

Power Saving Start up

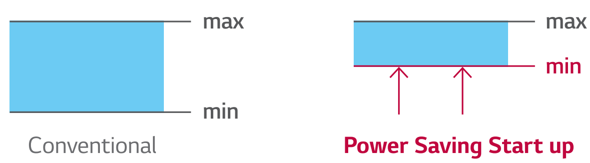
LG commercial air conditioners will automatically change discharge air temperature by controlling their refrigerant temperature based on the gap between the indoor temperature and the target indoor temperature. In cooling operation, evaporating temperature will increase if the gap becomes smaller. This can make more comfortable indoor air, and also reduce energy consumption.

Comfortable Indoor Air

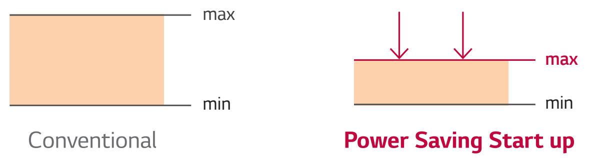


Energy Saving

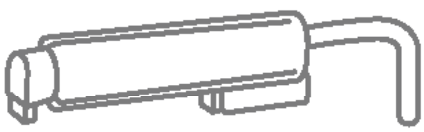
Refrigerant Temperature (Evaporating)

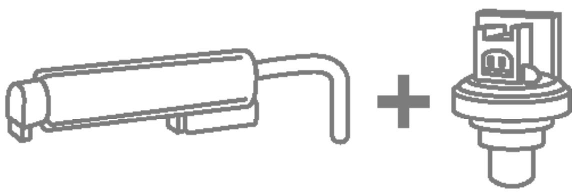


Refrigerant Temperature (Condensing)



Quick Operating Response





Conventional

Step 1 Sensing current temperature of refrigerant, indoor and outdoor temperature

Step 2 **Estimating Pressure**
Finding recorded target pressure to operate compressor, based on the corresponding temperature data

▲

This algorithm is more likely to be impacted by temperature change and it takes more time to calculate proper operation range of compressor to target point.

LG Inverter

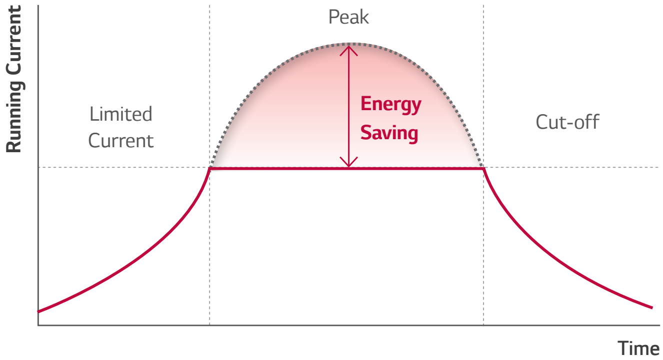
Step 1 Sensing refrigerant pressure and temperature simultaneously to make sure compressor ready for target cooling operation

▲

This ensures to reach target performance point without failing to keep a reliable operation.

Peak Current Control

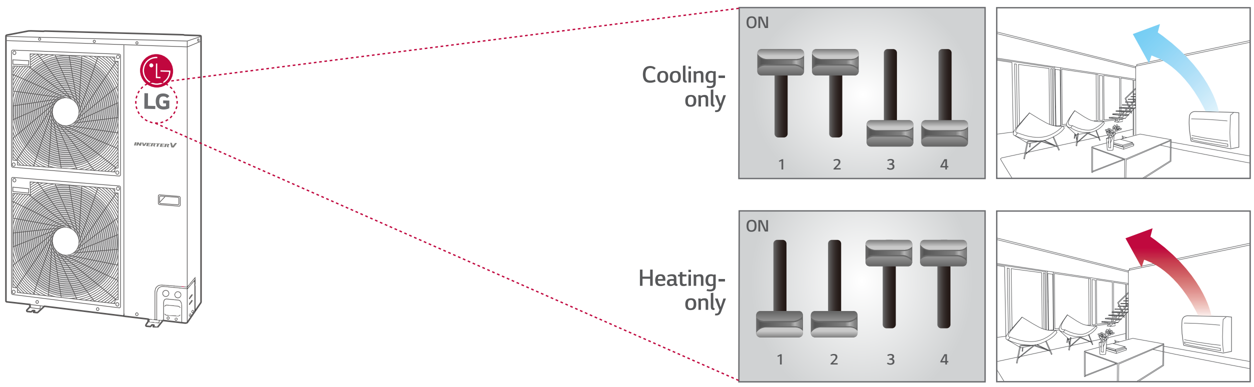
The peak current control function keeps the air conditioner from running at the maximum level while maintaining current system setting, in order to reduce energy consumption. This function can help to cut energy costs during the peak periods of energy use when the energy fee is much higher.



* Applied to H-Inverter 10 ~ 14kW

Mode Lock

Setting operation mode to either cooling-only or heating-only by adjusting dip switch, in order to prevent mixed use of cooling and heating.

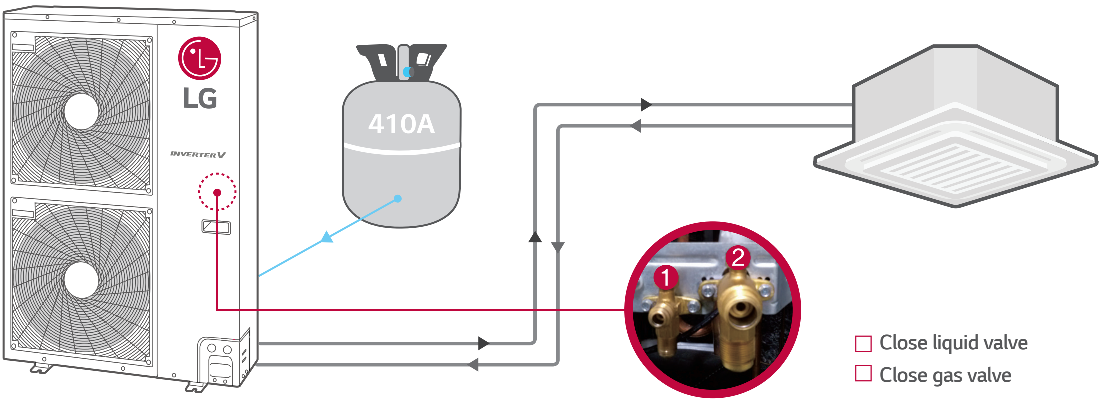


FAST COOLING AND HEATING

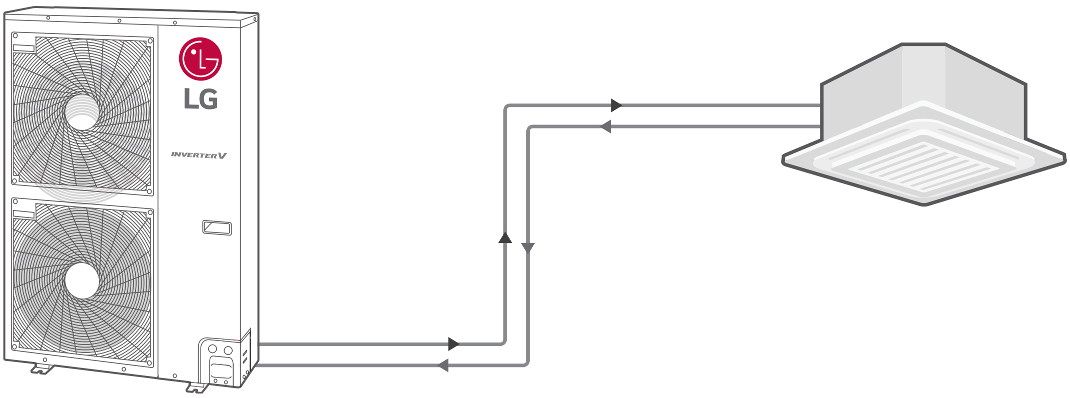
Forced Cooling Operation

The forced cooling operation allows refrigerant to be recharged or pumped down, regardless of the indoor temperature.
More importantly this function can be used when indoor units are being moved or repaired.

Recharging



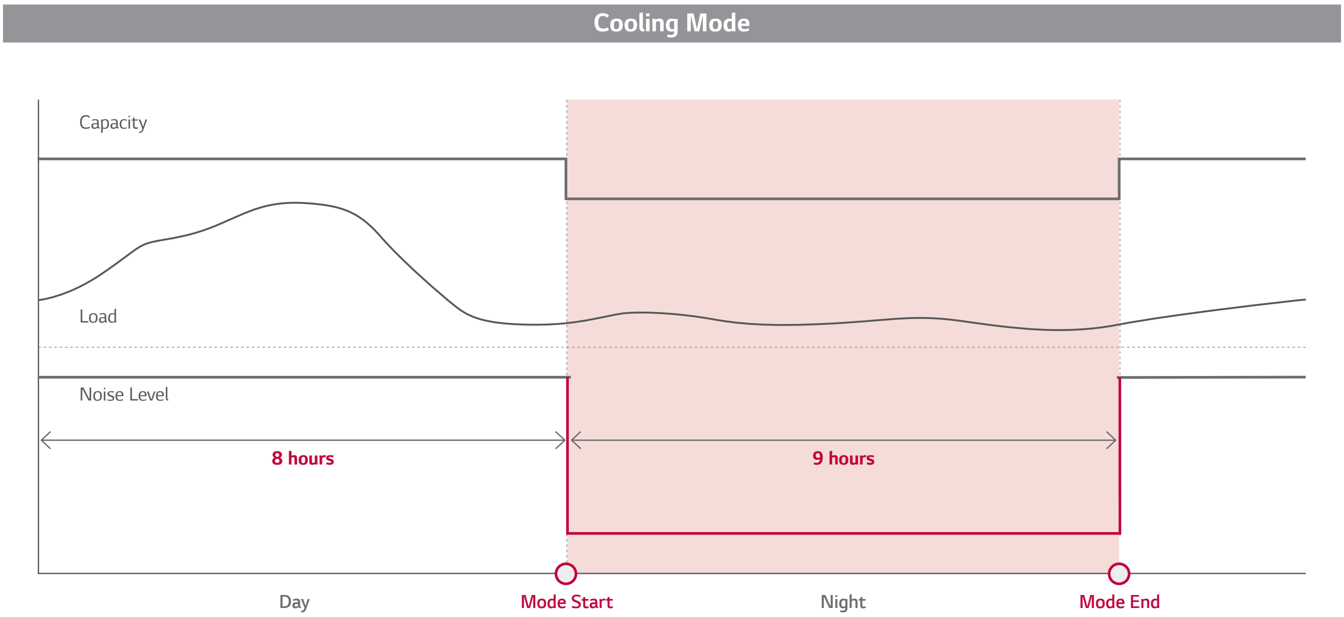
Pump Down

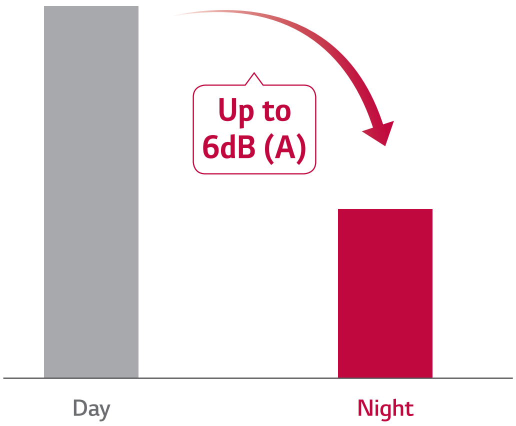


COMFORT

Night Silent Operation

Night silent operation can reduce noise levels at night time by simply setting the dip switch on the PCB of the outdoor unit.



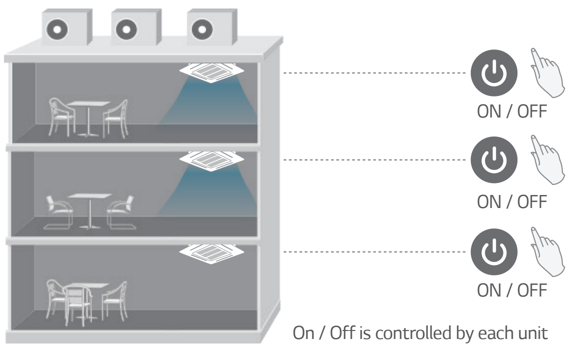


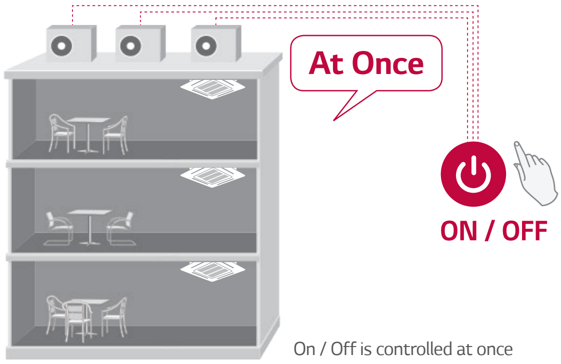
SMART

Outdoor Dry Contact

Air conditioners can be turned on / off at once with the on / off dry contact function that outdoor units have.

Conventional	New





LG MV (Monitoring View)

LG MV helps engineers to inspect and monitor air conditioning units easily. Information is provided by product type. (SINGLE Split MULTI Split)

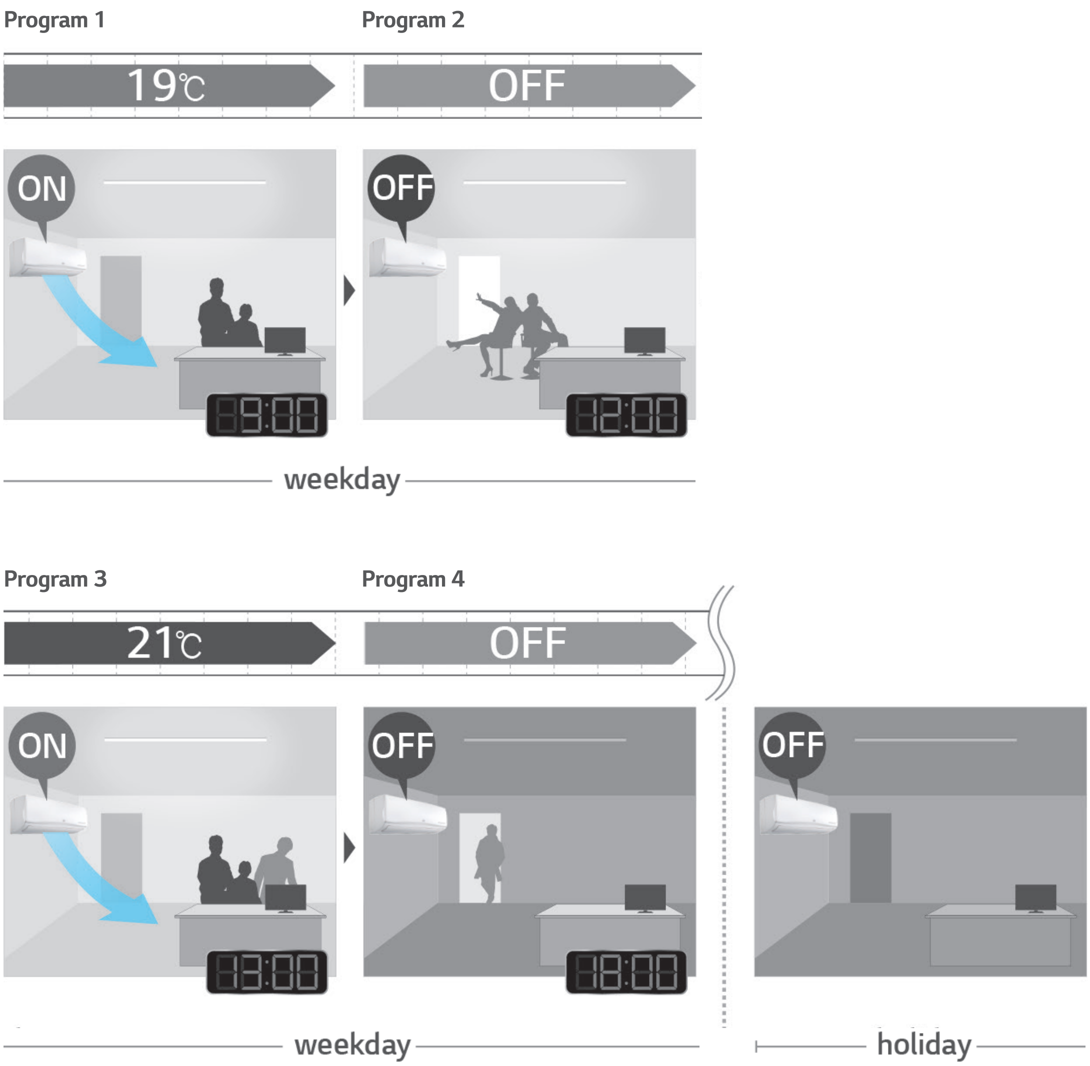
LG MV provides cycle information with diagrams and the user can check accumulated data on a graph.
A technician can easily check the error status by looking at the indicator information. (Troubleshooting guide)

• Error Indicator

Error Code	Contents
01	Air temperature sensor of indoor unit
02	Inlet pipe temperature sensor of indoor unit
03	Communication error : Wired Remote Controller ⟷ Indoor Unit

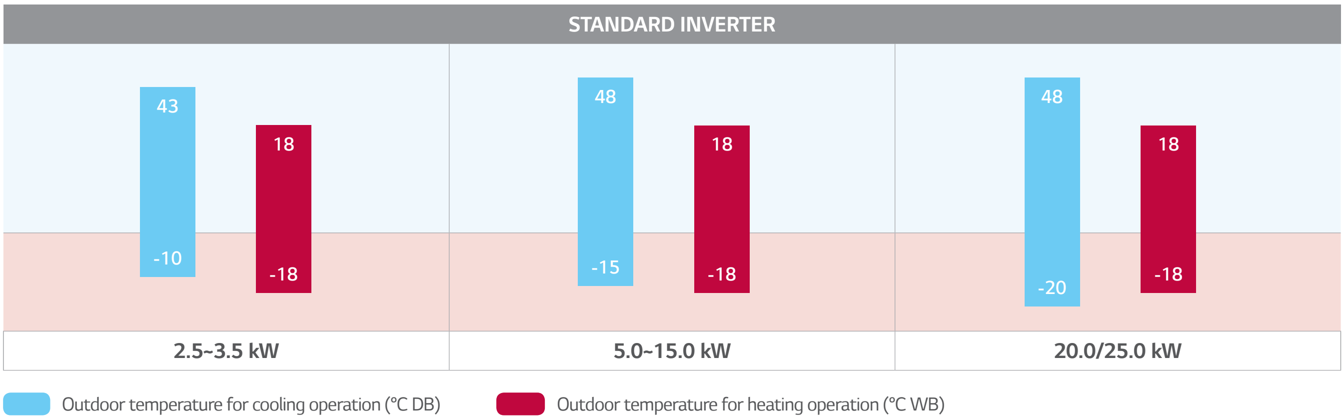
Weekly Program

You can set up 2 reservations for one day, and up to 14 reservations for a week.



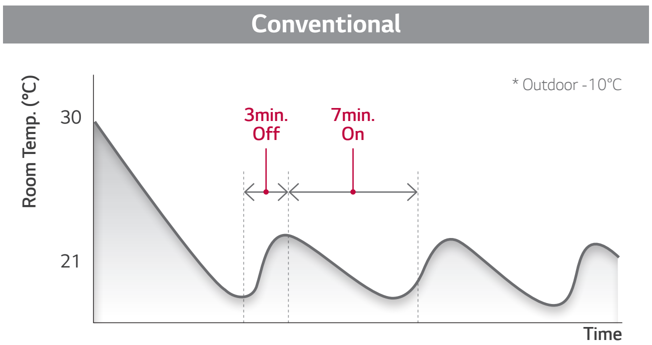
PERFORMANCE

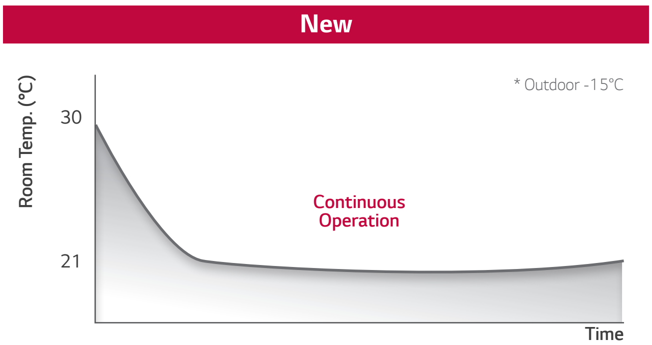
Wide Operation Range



Stable Operation

High and stable cooling performance at low temperatures.



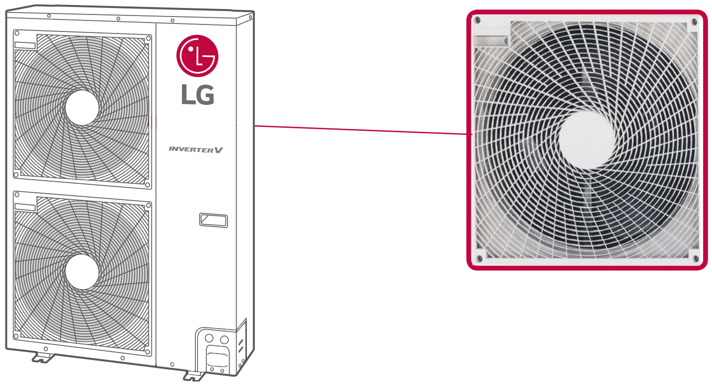


QUIET OPERATION

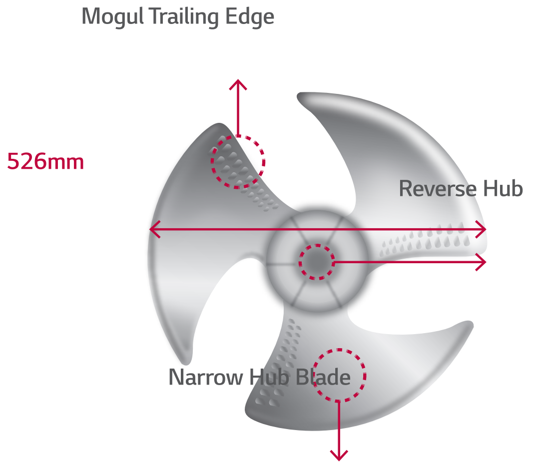
Improved Grille Fan

The new grille shape design on the outdoor unit helps to disperse air more efficiently which improves heat exchange and reduces noise level. The new axial Fan has a thick front edge and smooth rear edge, this provides a high efficiency, low noise, wide fan, as well as improving the air flow rate.

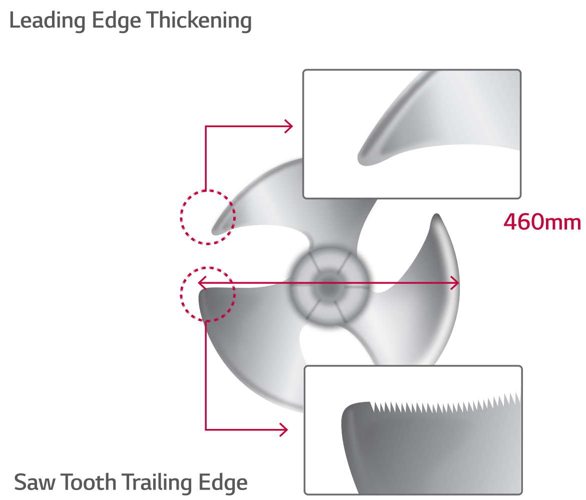
Grille



Fan Type 1



Fan Type 2

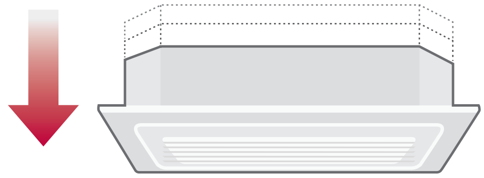


CEILING MOUNTED CASSETTE

CEILING MOUNTED CASSETTE

Compact Size

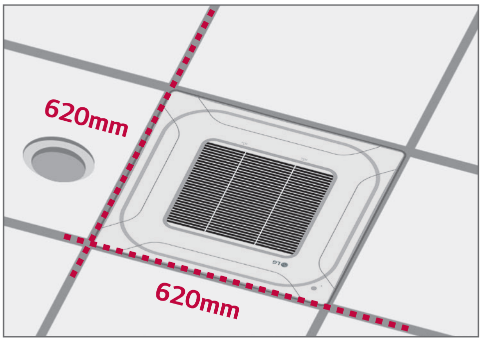
The indoor unit with slim and compact dimensions has reduced the restriction which enables successful installation in various spaces.



Standard Inverter	Height
7.1 ~ 8.0kW	204mm
10.0kW	246mm
12.5 ~ 15kW	288mm

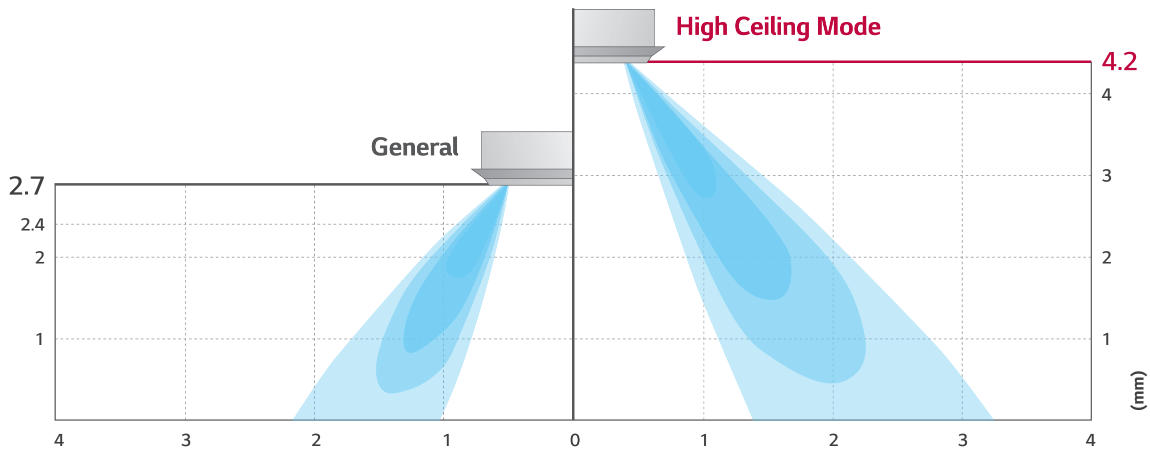
620 Panel – Compact and Stylish Design

• New 4 way cassette panel adapted unibody shape and matching with into the ceiling
• Panel fits into the ceiling tile



High Ceiling Mode

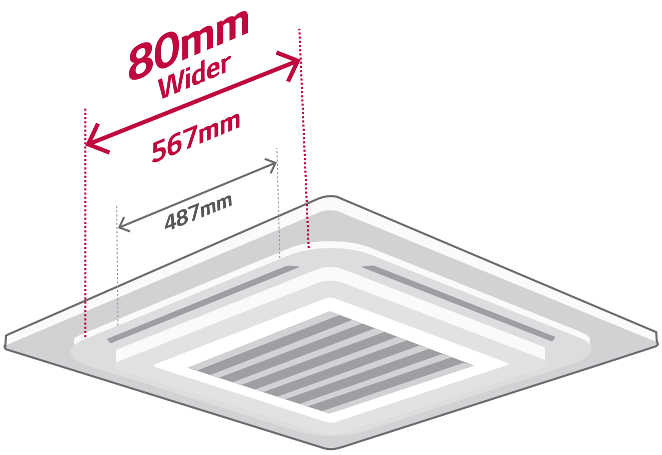
High ceiling mode provides powerful cooling and heating up to 4.2m in height, from ceiling to floor. Low , Med , High ceiling height selectable from remote controller.



CEILING MOUNTED CASSETTE

950/700 Panel – Wide Jet Air Flow

Improved vanes reduce the curved area and provide even distribution.



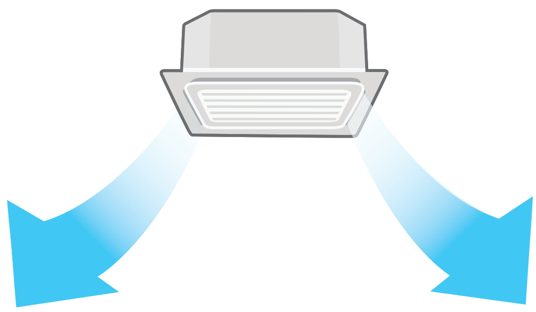
Conventional

LG Cassette

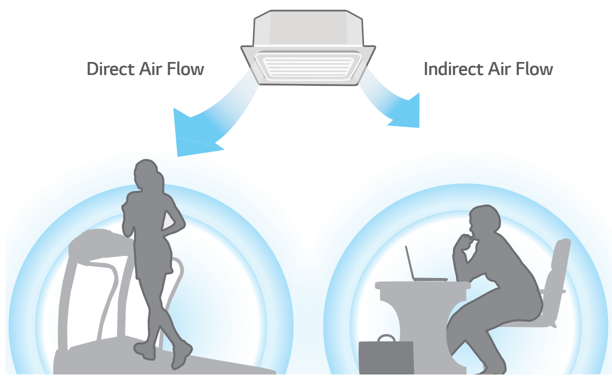
Independent Vane Operation

The independent vane operation feature uses separate motors, making it possible to control all four vanes independently.

All Vane Operation



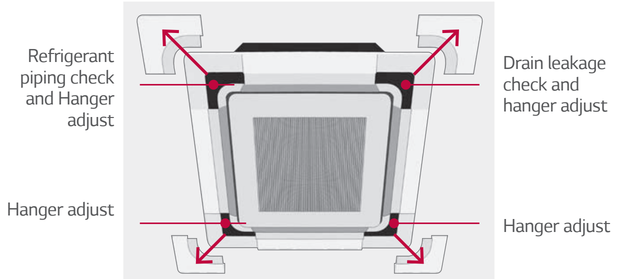
Independent Vane Control

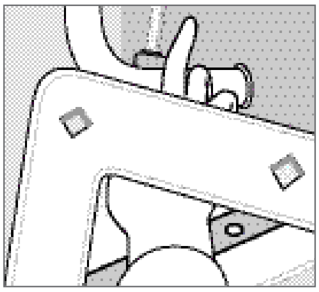


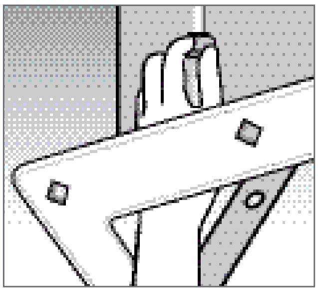
Convenient Panel Installation

The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain connection pipe.

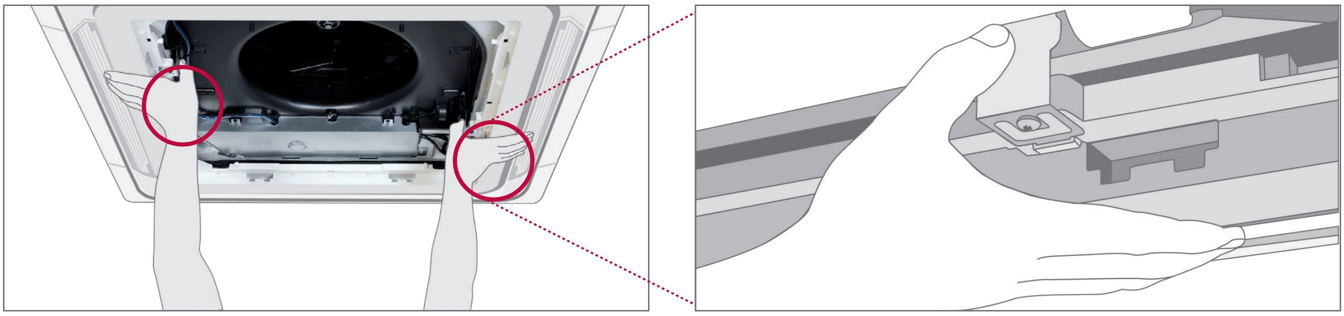
Detachable Corner Design	Drain Leakage Check	Hanger Adjust







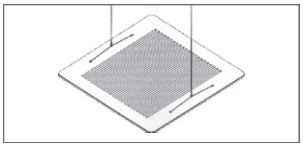
It is easy to install the panel to the body, using the button type panel design.



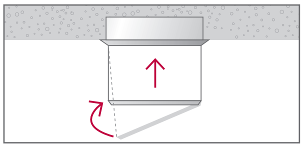
Auto Elevation Grille

Easy filter cleaning with elevation grill.

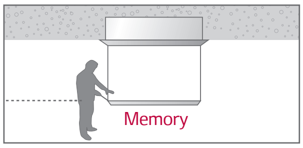
4-Point Support Structure



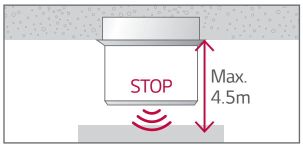
Auto Leveling



Memory for User's Level



Auto Stop Detection

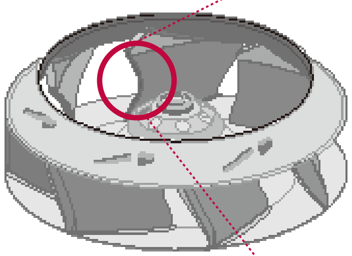


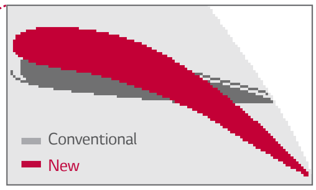
* Operating with wired remote controller and wireless remote controller included in PTEGM0.
* Except CT09 NR2 / CT12 NR2 / CT18 NQ2
* Applied to cassette panel PT-UMC1

CEILING MOUNTED CASSETTE

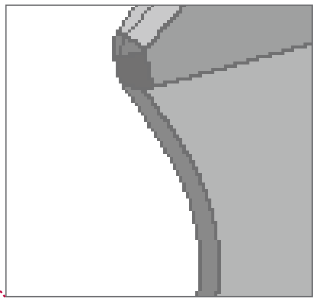
Quiet Operation with 3D Fan

New technology of 3D fan is applied to H-Inverter cassettes 10 ~ 14kW. It increases air flow but reduces noise.

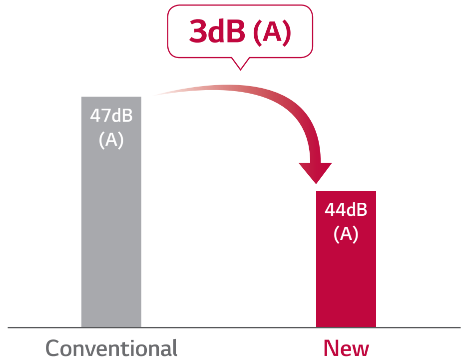




Blade Angle Changed :
Increase air flow and decrease noise



Curved Leading Edge :
Improve air flow in same RPM of conventional fans

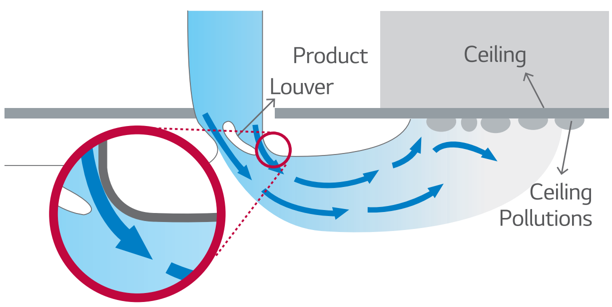


* H-Inverter Cassette 10kW

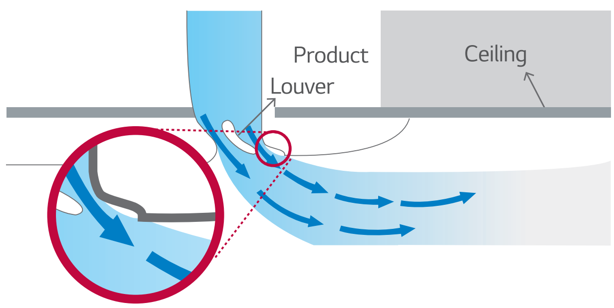
Prevent Ceiling Pollution

Coanda design of air outlet can prevent contamination of ceiling.

Conventional



Coanda Design



SINGLE SPLIT SPECIFICATION

CEILING MOUNTED CASSETTE

STANDARD INVERTER

PT-UQC / PT-UMC1 Grille

PT-QCHW0 Grille

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

UU09W
UU12W

UU18W

UU24W
UU30W

INDOOR				CT09 NR2	CT12 NR2	CT18 NQ4	CT24 NP4	UT30 NP4
Capacity	Cooling	Min / Nom / Max	kW	1.0 / 2.5 / 2.8	1.4 / 3.4 / 3.7	2.0 / 5.0 / 5.5	2.8 / 6.8 / 7.8	3.2 / 8.0 / 8.8
	Heating	Min / Nom / Max	kW	1.2 / 3.0 / 3.3	1.6 / 4.0 / 4.4	2.2 / 5.8 / 6.8	3.2 / 8.0 / 8.8	3.6 / 9.0 / 9.9
Low Temperature Capacity	Heating -7°C	Max	kW	2.7	3.6	4.9	7.2	8.1
Power Input (Set)	Cooling	Nom	kW	0.75	1.06	1.56	2.00	2.49
	Heating	Nom	kW	0.81	1.10	1.66	2.22	2.72
Power Input (Indoor)		Nom	W	20	20	40	60	80
Running Current	Cooling / Heating	Nom	A	3.3 / 3.5	4.61 / 4.78	7.1 / 7.5	8.9 / 9.7	10.8 / 11.8
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.33	3.21	3.22	3.70	3.21
COP				3.70	3.64	3.62	3.62	3.31
SEER				5.11	5.61	6.10	6.80	6.30
SCOP				3.81	3.91	4.25	4.20	4.00
Pdesign (@ -10°C)			kW	2.8	3.0	4.1	6.3	6.8
Seasonal Energy Label	Cooling / Heating			A / A	A+ / A	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	172 / 1,032	213 / 1,077	287 / 1,351	350 / 2,110	444 / 2,380
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Air Flow Rate		High / Medium / Low	m³/min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0	17.0 / 15.0 / 13.0	19.0 / 17.0 / 15.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 33 / 30	38 / 35 / 32	41 / 39 / 36	38 / 36 / 34	40 / 37 / 35
Sound Power	Cooling	Max	dBA	48	51	57	57	58
Dehumidification Rate			l/h	1.4	1.7	2.1	2.4	2.5
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840	840 x 204 x 840
Net Weight	Body		kg	14.0	14.0	15.3	20.5	20.5
Decoration Panel	Model			PT-UQC, PT-QCHW0			PT-UMC1	PT-UMC1
	Color			Morning Fog (RAL 120-4)			Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
	Dimensions	W x H x D	mm	700 x 22 x 700, 620 x 20 x 620			950 x 25 x 950	950 x 25 x 950
	Weight		kg	3.0			5.0	5.0

OUTDOOR				UU09W ULD	UU12W ULD	UU18W UE4	UU24W U44	UU30W U44
Compressor	Type			Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	32	32	50	58	58
Sound Pressure	Cooling	Nom	dBA	47	47	47	48	48
	Heating	Nom	dBA	48	48	52	52	52
Sound Power	Cooling	Max	dBA	56	57	63	67	68
Dimensions	W x H x D		mm	770 x 540 x 245	770 x 540 x 245	870 x 655 x 320	950 x 834 x 330	950 x 834 x 330
Net Weight			kg	32.0	32.0	44.6	56.1	58.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Charge		g	1,000	1,000	1,300	2,000	2,000
	Additional Charge		g/m	20	20	20	40	40
	GWP		-	2,087.5	2087.5	2087.5	2087.5	2087.5
	TCO2eq		-	2.1	2.1	2.7	4.2	4.2
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-10 ~ 43	-10 ~ 43	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current				4.9	6.9	16.2	22.3	22.3
Maximum Circuit Breaker Rating			A	15	15	20	30	30
Piping Length Total		Min ~ Max	m	5~15	5~15	5 ~ 30	5 ~ 50	5 ~ 50
Piping Elevation Difference	IDU - ODU	Max	m	10	10	30	30	30
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

SINGLE SPLIT SPECIFICATION

CEILING MOUNTED CASSETTE

STANDARD INVERTER

UU36W

UU42W
UU48W
UU60W

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

INDOOR				UT36 NN2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min / Nom / Max	kW	4.0 / 10.0 / 11.0	5.0 / 12.5 / 13.8	5.5 / 13.9 / 15.7	5.9 / 14.6 / 16.3
	Heating	Min / Nom / Max	kW	4.4 / 11.0 / 12.1	5.0 / 14.0 / 15.4	6.4 / 15.4 / 17.6	6.8 / 16.9 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.8	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.82	3.89	4.62	5.40
	Heating	Nom	kW	3.09	3.88	4.51	5.50
Power Input (Indoor)		Nom	W	140	210	210	210
Running Current	Cooling / Heating	Nom	A	12.3 / 13.4	16.9 / 16.9	20.1 / 19.6	23.5 / 23.9
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.55	3.21	3.01	2.70
COP				3.56	3.61	3.41	3.07
SEER				5.41	-	-	-
SCOP				3.81	-	-	-
Pdesign (@ -10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling / Heating			A / A	-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	648 / 2,800	-	-	-
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	24.0 / 22.0 / 19.0	30.0 / 28.0 / 26.0	34.0 / 32.0 / 30.0	34.0 / 32.0 / 30.0
Sound Pressure	Cooling	High / Medium / Low	dBA	43 / 40 / 37	46 / 44 / 43	49 / 47 / 45	49 / 47 / 45
Sound Power	Cooling	Max	dBA	62	65	66	66
Dehumidification Rate			l/h	2.7	3.6	4.4	5.5
Dimensions	Body	W x H x D	mm	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Net Weight	Body		kg	22.3	24.6	24.6	24.6
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
	Dimensions	W x H x D	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		kg	5.0	5.0	5.0	5.0

OUTDOOR				UU36W UO2	UU42W U32	UU48W U32	UU60W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	W x H x D		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	81.0	92.0	92.0	92.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge		g/m	40	40	40	40
	GWP		-	2087.5	2087.5	2087.5	2087.5
	TCO2eq		-	5.8	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 5.0	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	22.4	24.6	28.8	33.9
Maximum Circuit Breaker Rating			A	40	40	40	40
Piping Length Total		Min ~ Max	m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

STANDARD INVERTER

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Check ongoing validity of certification
: www.eurovent-certification.com

UU37W | UU43W UU49W UU61W

INDOOR				UT36 NM2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min / Nom / Max	kW	4.0 / 10.0 / 11.0	5.0 / 12.5 / 13.8	5.5 / 13.9 / 15.7	5.9 / 14.6 / 16.3
	Heating	Min / Nom / Max	kW	4.4 / 11.0 / 12.1	5.0 / 14.0 / 15.4	6.4 / 15.3 / 17.6	6.8 / 16.9 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.8	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.82	3.89	4.62	5.40
	Heating	Nom	kW	3.09	3.88	4.49	5.50
Power Input (Indoor)		Nom	W	140	210	210	210
Running Current	Cooling / Heating	Nom	A	4.1 / 4.5	5.6 / 5.6	6.7 / 6.5	7.8 / 8.0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.55	3.21	3.01	2.70
COP				3.56	3.61	3.41	3.07
SEER				5.41	-	-	-
SCOP				3.81	-	-	-
Pdesign (@ -10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling / Heating			A / A	-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	648 / 2,800	-	-	-
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	24.0 / 22.0 / 19.0	30.0 / 28.0 / 26.0	34.0 / 32.0 / 30.0	34.0 / 32.0 / 30.0
Sound Pressure	Cooling	High / Medium / Low	dBA	43 / 40 / 37	46 / 44 / 43	49 / 47 / 45	49 / 47 / 45
Sound Power	Cooling	Max	dBA	62	65	66	66
Dehumidification Rate			l/h	2.7	3.6	4.4	5.5
Dimensions	Body	W x H x D	mm	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Net Weight	Body		kg	22.3	24.6	24.6	24.6
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
	Dimensions	W x H x D	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		kg	5.0	5.0	5.0	5.0

OUTDOOR				UU37W UO2	UU43W U32	UU49W U32	UU61W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	W x H x D		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	85.0	96.0	96.0	96.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge		g/m	40	40	40	40
	GWP		-	2087.5	2087.5	2087.5	2087.5
	TCO2eq		-	5.8	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm²	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	10.9	12.5	13.4	14.4
Maximum Circuit Breaker Rating			A	20	20	20	20
Piping Length Total		Min ~ Max	m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

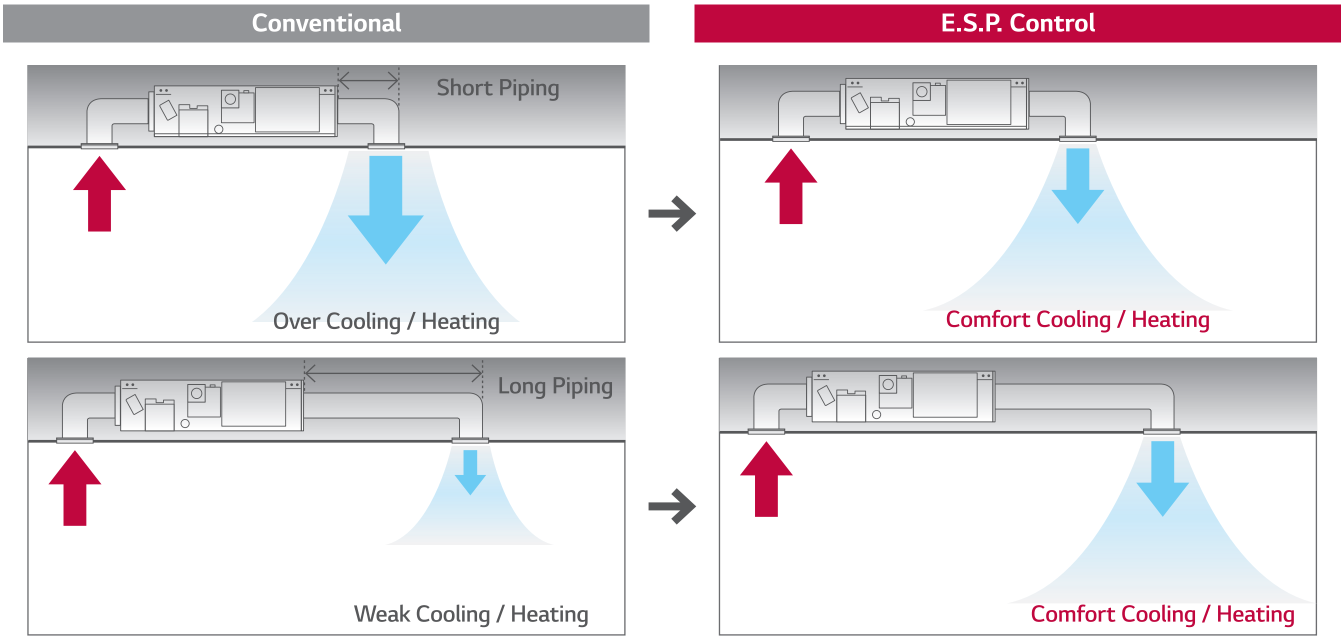
Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

CEILING CONCEALED DUCT

CEILING CONCEALED DUCT

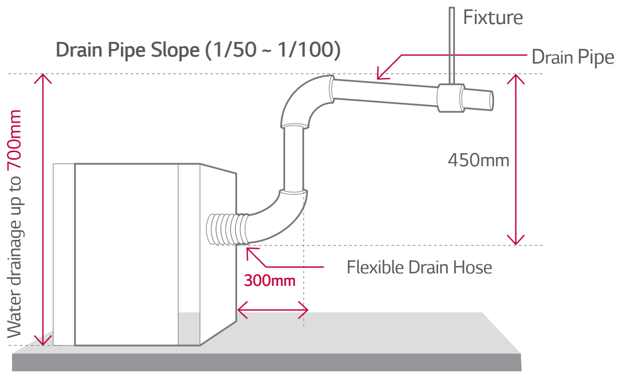
E.S.P. (External Static Pressure) Control

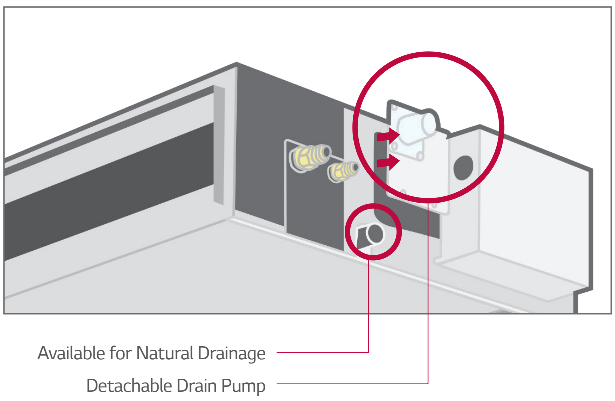
E.S.P. control function can make air volume controlled easily with remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure. No additional accessories are necessary to control air flow.



High Head Drain Pump

High head drain pump automatically drains water up to 200mm of drain-head height. It provides perfect solution for water drainage.
(H-Inverter : Included / Standard Inverter : Accessory (ABDPG) / Low-Static Duct : Included)

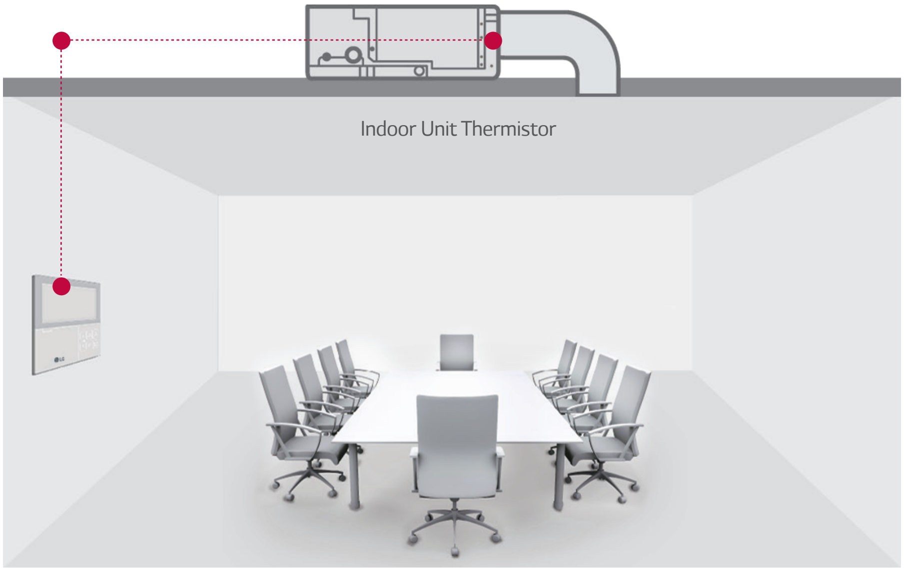




CEILING CONCEALED DUCT

Two Thermistors Control

The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature. Two thermistors can optimise indoor air temperature for a more comfortable environment.

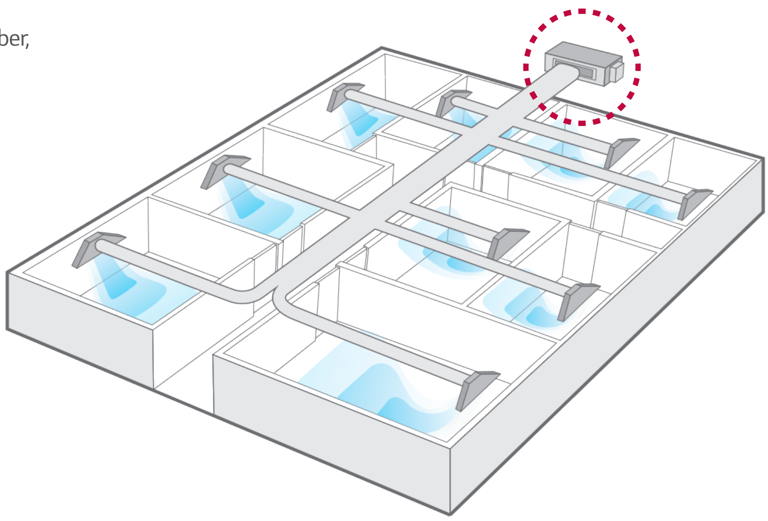


Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users

Remote Controller Thermistor

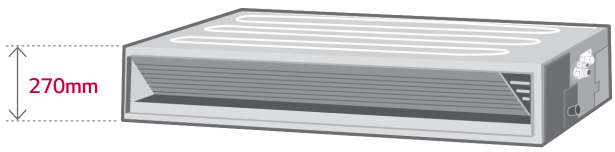
Operation for Multiple Rooms

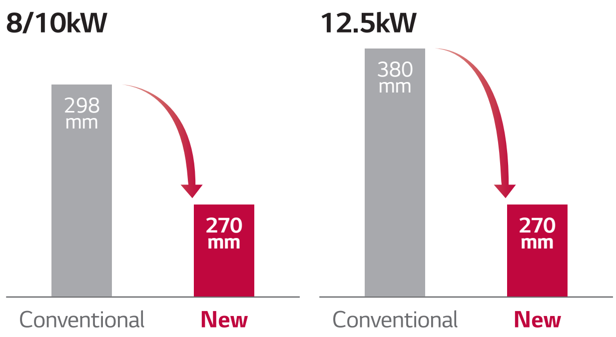
Using a spiral duct (rigid or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously.



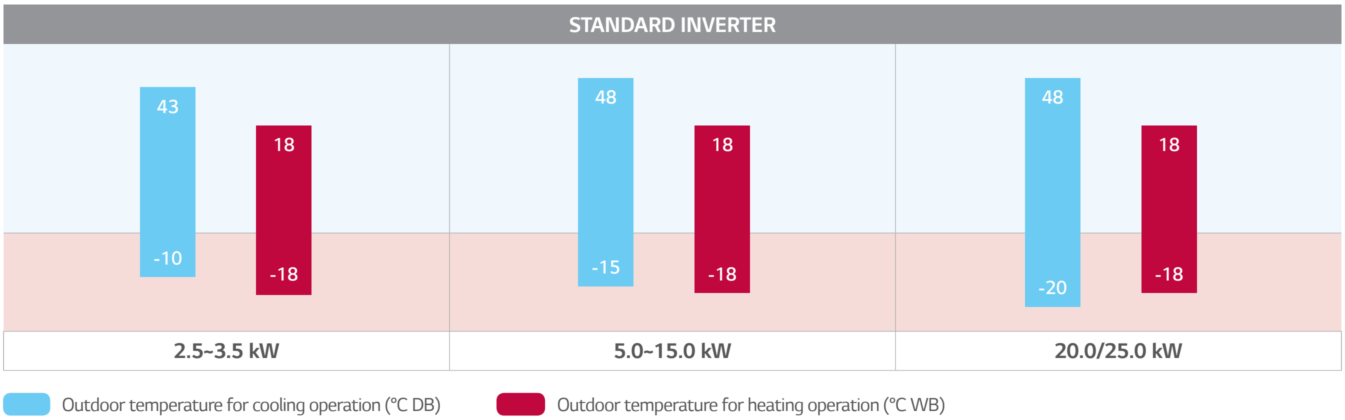
Minimised Height

New mid-static ducts provide ideal solution for installation in limited space.



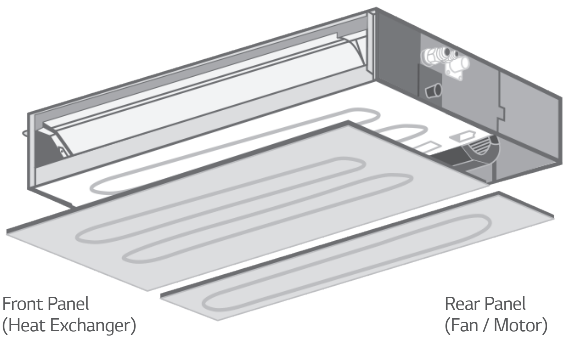


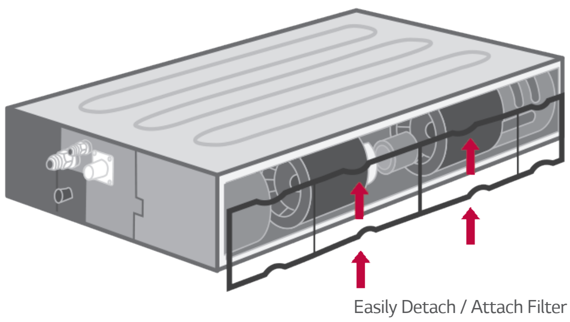
Wide Operation Range



Easy Service Maintenance

Users don't need to open whole panel for maintenance, since panel is divided into one for heat exchanger and one for fan/motor.
Easily detach and attach the filter even in limited space.



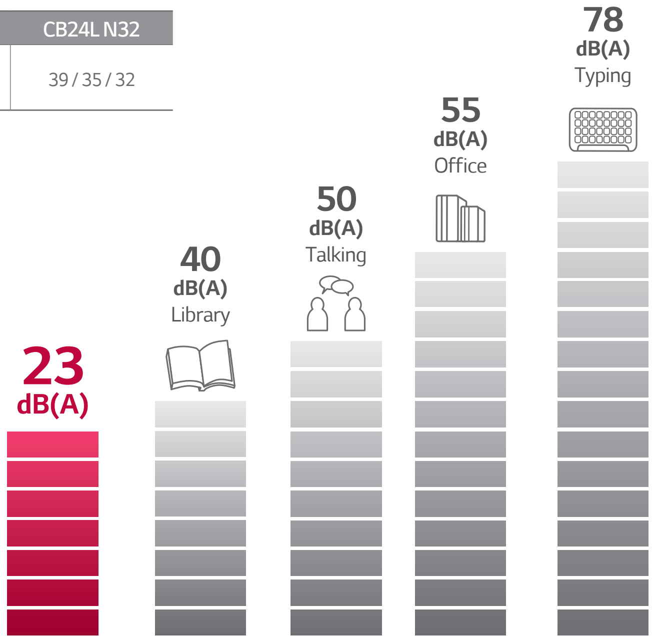


LOW STATIC PRESSURE

Quiet Operation

The noise level of low static ducts have been reduced, even though ESP has been increased.

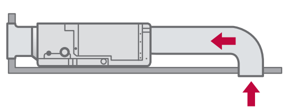
		CB09L N12	CB12L N22	CB18L N22	CB24L N32
Sound Pressure (High / Medium / Low)	dB (A)	30 / 26 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32

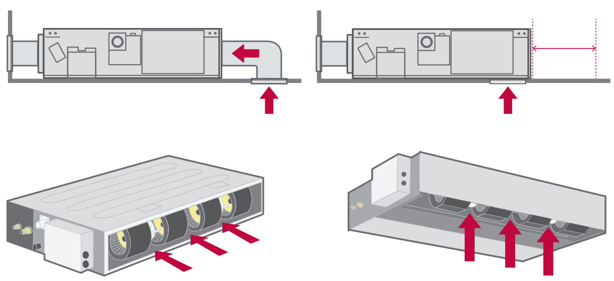


Flexible Installation

The new low static duct allows the air intake at the rear or bottom under installation condition.

Conventional	New Low Static Duct
Air intake at the only rear	Air intake at the rear or bottom





SINGLE SPLIT SPECIFICATION

CEILING CONCEALED DUCT

STANDARD INVERTER

MID / HIGH STATIC PRESSURE

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UU18W

UU24W
UU30W

INDOOR				CM18 N14	CM24 N14	UM30 N14
Capacity	Cooling	Min / Nom / Max	kW	1.8 / 5.0 / 6.0	2.8 / 6.8 / 7.5	3.2 / 7.8 / 8.8
	Heating	Min / Nom / Max	kW	2.2 / 6.0 / 7.2	3.2 / 7.5 / 8.3	3.6 / 9.0 / 9.9
Low Temperature Capacity	Heating -7°C	Max	kW	5.4	7.2	8.1
Power Input (Set)	Cooling	Nom	kW	1.46	2.07	2.41
	Heating	Nom	kW	1.66	2.34	2.62
Power Input (Indoor)		Min / Max (Nom ESP)	W	90 / 160	100 / 180	160 / 240
Running Current	Cooling / Heating	Nom	A	6.5 / 7.6	9.1 / 10.3	10.1 / 10.7
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.41	3.11	3.51
COP				3.61	3.21	3.70
SEER				6.10	6.10	6.10
SCOP				4.25	3.90	4.00
Pdesign (@ -10°C)			kW	4.1	6.0	6.5
Seasonal Energy Label	Cooling / Heating			A++ / A+	A++ / A	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	287 / 1,383	390 / 2,154	448 / 2,275
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Air Flow Rate		High / Medium / Low	m³/min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.5	22.0 / 20.0 / 18.0
Sound Pressure	Cooling	High / Medium / Low	dBA	34 / 32 / 30	35 / 34 / 32	37 / 35 / 34
Sound Power	Cooling	Max	dBA	59	60	62
Dehumidification Rate			l/h	2.0	2.5	2.8
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700
Net Weight	Body		kg	23.8	24.2	25.3
Factory Set ESP				6 (59)	6 (59)	6 (59)
External Static Pressure		Min ~ Max	mmAq (Pa)	2.5~15 (25~147)	2.5~15 (25~147)	2.5~15 (25~147)

OUTDOOR				UU18W UE4	UU24W U44	UU30W U44
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	50	58	58
Sound Pressure	Cooling	Nom	dBA	47	48	48
	Heating	Nom	dBA	52	52	52
Sound Power	Cooling	Max	dBA	63	67	68
Dimensions	W x H x D		mm	870 x 655 x 320	950 x 834 x 330	950 x 834 x 330
Net Weight			kg	44.6	56.1	58.0
Refrigerant	Type		-	R410A	R410A	R410A
	Charge		g	1,300	2,000	2,000
	Additional Charge		g/m	20	40	40
	GWP		-	2087.5	2087.5	2087.5
	TCO2eq		-	2.7	4.2	4.2
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	16.2	22.2	22.5
Maximum Circuit Breaker Rating			A	20	25	25
Piping Length Total		Min ~ Max	m	5 ~ 30	5 ~ 50	5 ~ 50
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

SINGLE SPLIT SPECIFICATION

CEILING CONCEALED DUCT

STANDARD INVERTER

MID / HIGH STATIC PRESSURE


UU36W

UU42W
UU48W
UU60W

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INDOOR				UM36 N24	UM42 N24	UM48 N34	UM60 N34
Capacity	Cooling	Min / Nom / Max	kW	4.0 / 10.0 / 11.0	5.0 / 12.1 / 13.2	5.6 / 14.0 / 15.4	5.9 / 14.8 / 16.3
	Heating	Min / Nom / Max	kW	4.5 / 11.2 / 12.3	5.6 / 14.0 / 15.0	6.6 / 15.8 / 18.2	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	10.0	12.5	14.8	15.2
Power Input (Set)	Cooling	Nom	kW	3.12	3.76	4.10	4.53
	Heating	Nom	kW	3.19	3.86	4.39	4.79
Power Input (Indoor)		Min / Max (Nom ESP)	W	200 / 360	230 / 380	220 / 340	300 / 430
Running Current	Cooling / Heating	Nom	A	13.6 / 13.9	16.6 / 17.2	17.3 / 18.5	19.1 / 20.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.21	3.22	3.41	3.31
COP				3.51	3.63	3.60	3.51
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@ -10°C)			kW	7.8	-	-	-
Seasonal Energy Label	Cooling / Heating			A / A	-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	685 / 2,866	-	-	-
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 34 / 33	38 / 36 / 34	40 / 38 / 36	42 / 40 / 38
Sound Power	Cooling	Max	dBA	60	62	65	66
Dehumidification Rate			l/h	3.2	3.6	4.5	5.0
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Net Weight	Body		kg	35.0	37.0	42.5	42.5
Factory Set ESP				6 (59)	6 (59)	6 (59)	6 (59)
External Static Pressure		Min ~ Max	mmAq (Pa)	4~15 (39~147)	5~15 (49~147)	5~15 (49~147)	5~15 (49~147)

OUTDOOR				UU36W UO2	UU42W U32	UU48W U32	UU60W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	W x H x D		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	81.0	92.0	92.0	92.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge		g/m	40	40	40	40
	GWP		-	2087.5	2087.5	2087.5	2087.5
	TCO2eq		-	5.8	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 5.0	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	23.1	25.1	28.9	34.6
Maximum Circuit Breaker Rating			A	40	40	40	40
Piping Length Total		Min ~ Max	m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

STANDARD INVERTER

MID / HIGH STATIC PRESSURE

UU36W UU42W UU48W UU60W

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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INDOOR				UM36 N24	UM42 N24	UM48 N34	UM60 N34
Capacity	Cooling	Min / Nom / Max	kW	4.0 / 10.0 / 11.0	5.0 / 12.5 / 13.8	5.6 / 14.0 / 15.4	5.9 / 14.8 / 16.3
	Heating	Min / Nom / Max	kW	4.5 / 11.2 / 12.3	5.6 / 14.0 / 15.4	6.6 / 16.4 / 18.2	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	10.0	12.5	14.8	15.2
Power Input (Set)	Cooling	Nom	kW	3.12	3.76	4.10	4.53
	Heating	Nom	kW	3.19	3.86	4.39	4.79
Power Input (Indoor)		Min / Max (Nom ESP)	W	200 / 360	230 / 380	220 / 340	300 / 430
Running Current	Cooling / Heating	Nom	A	4.7 / 4.9		6.0 / 6.5	6.6 / 7.1
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.21	3.22	3.41	3.31
COP				3.51	3.63	3.60	3.51
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@ -10°C)			kW	7.8	-	-	-
Seasonal Energy Label	Cooling / Heating			A / A	-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	685 / 2,866	-	-	-
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 34 / 33	38 / 36 / 34	40 / 38 / 36	42 / 40 / 38
Sound Power	Cooling	Max	dBA	58	62	65	66
Dehumidification Rate			l/h	2.6	3.6	4.5	5.0
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Net Weight	Body		kg	35.0	37.0	42.5	42.5
Factory Set ESP				6 (59)	6 (59)	6 (59)	6 (59)
External Static Pressure		Min ~ Max	mmAq (Pa)	4~15 (39~147)	5~15 (49~147)	5~15 (49~147)	5~15 (49~147)

OUTDOOR				UU37W UO2	UU43W U32	UU49W U32	UU61W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	W x H x D		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	85.0	96.0	96.0	96.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge		g/m	40	40	40	40
	GWP		-	2087.5	2087.5	2087.5	2087.5
	TCO2eq		-	5.8	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm²	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	11.6	13.0	13.5	15.1
Maximum Circuit Breaker Rating			A	20	20	20	20
Piping Length Total		Min ~ Max	m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

CEILING CONCEALED DUCT

STANDARD INVERTER

HIGH STATIC PRESSURE

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UU70W

UU85W

INDOOR				UB70 N94	UB85 N94
Capacity	Cooling	Min / Nom / Max	kW	7.6 / 19.0 / 20.9	9.2 / 23.0 / 25.3
	Heating	Min / Nom / Max	kW	9.0 / 22.4 / 24.6	10.8 / 27.0 / 29.7
Low Temperature Capacity	Heating -7°C	Max	kW	18.0	24.0
Power Input (Set)	Cooling	Nom	kW	6.69	8.19
	Heating	Nom	kW	6.4	8.31
Power Input (Indoor)		Min / Max (Nom ESP)	W	550 / 760	610 / 920
Running Current	Cooling / Heating	Nom	A	11.5 / 10.7	13.5 / 13.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER				2.84	2.81
COP				3.50	3.25
SEER				-	-
SCOP				-	-
Pdesign (@ -10°C)			kW	-	-
Seasonal Energy Label	Cooling / Heating			-	-
Annual Energy Consumption	Cooling / Heating		kWh	-	-
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø12.7 (1/2)
	Gas		mm	Ø22.2	Ø22.2
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	70.0 / 65.0 / 60.0	80.0 / 72.0 / 64.0
Sound Pressure	Cooling	High / Medium / Low	dBA	43 / 41 / 40	43 / 41 / 40
Sound Power	Cooling	Max	dBA	61	61
Dehumidification Rate			l/h	1.81 (4.2)	5.14 (11.9)
Dimensions	Body	W x H x D	mm	1,563 x 458 x 791	1,563 x 458 x 791
Net Weight	Body		kg	90.0	90.0
Factory Set ESP				13 (27)	13 (27)
External Static Pressure		Min ~ Max	mmAq (Pa)	6 ~ 25 (60~250)	6 ~ 25 (60~250)

OUTDOOR				UU70W U34	UU85W U74
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll
Airflow Rate		Nom	m³/min	110	190
Sound Pressure	Cooling	Nom	dBA	55	59
	Heating	Nom	dBA	58	60
Sound Power	Cooling	Max	dBA	73	74
Dimensions	W x H x D		mm	950 x 1,380 x 330	1,090 x 1,625 x 380
Net Weight			kg	110	144.0
Refrigerant	Type		-	R410A	R410A
	Charge		g	5,200	5,500
	Additional Charge		g/m	70	70
	GWP		-	2087.5	2087.5
	TCO2eq		-	10.9	11.5
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-20 ~ 48	-20 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm²	3C x 2.5	5C x 2.5
Transmission Cable			No. x mm²	4C x 1.0	4C x 1.0
Maximum Running Current			A	18.3	22.8
Maximum Circuit Breaker Rating			A	30	30
Piping Length Total		Min ~ Max	m	75	75
Piping Elevation Difference	IDU - ODU	Max	m	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Gas		mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

STANDARD INVERTER

LOW STATIC PRESSURE

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UU09W
UU12W **UU18W** **UU24W**

INDOOR				CB09L N12	CB12L N22	CB18L N22	CB24L N32
Capacity	Cooling	Min / Nom / Max	kW	1.1 / 2.5 / 3.2	1.4 / 3.4 / 3.7	2.0 / 5.0 / 6.0	4.0 / 7.1 / 7.7
	Heating	Min / Nom / Max	kW	1.2 / 3.2 / 3.6	1.6 / 4.0 / 4.5	2.2 / 6.0 / 7.2	2.0 / 7.5 / 8.3
Low Temperature Capacity	Heating -7°C	Max	kW	3.5	4.4	6.7	8.2
Power Input (Set)	Cooling	Nom	kW	0.72	1.00	1.55	2.36
	Heating	Nom	kW	0.91	1.05	1.50	2.05
Power Input (Indoor)		Min / Max (Nom ESP)	W	40 / 60	80 / 100	100 / 140	110 / 160
Running Current	Cooling / Heating	Nom	A	3.1 / 4.0	4.3 / 4.6	6.8 / 8.4	10.4 / 9.0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.48	3.41	3.11	3.01
COP				3.51	3.81	3.41	3.61
SEER				5.11	5.61	6.10	5.60
SCOP				3.81	3.81	3.95	3.90
Pdesign (@ -10°C)			kW	2.8	3.0	4.0	5.8
Seasonal Energy Label	Cooling / Heating			A / A	A+ / A	A++ / A	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	172 / 1,032	213 / 1,105	287 / 1,418	444 / 2,082
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	Ø32.0 / 25.0	Ø32.0 / 25.0
Air Flow Rate		High / Medium / Low	m³/min	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0	15.0 / 12.5 / 10.0	20.0 / 16.0 / 12.0
Sound Pressure	Cooling	High / Medium / Low	dBA	30 / 26 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32
Sound Power	Cooling	Max	dBA	49	52	54	58
Dehumidification Rate			l/h	1.1	1.2	1.7	2.2
Dimensions	Body	W x H x D	mm	700 x 190 x 700	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700
Net Weight	Body		kg	17.5	23.0	23.0	27.0
Factory Set ESP				24.5 (2.5)	24.5 (2.5)	24.5 (2.5)	24.5 (2.5)
External Static Pressure		Min ~ Max	mmAq (Pa)	0~5 (0~49)	0~5 (0~49)	0~5 (0~49)	0~5 (0~49)

OUTDOOR				UU09W ULD	UU12W ULD	UU18W UE4	UU24W U44
Compressor	Type			Rotary	Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	32	32	50	58
Sound Pressure	Cooling	Nom	dBA	47	47	47	48
	Heating	Nom	dBA	48	48	52	52
Sound Power	Cooling	Max	dBA	56	57	63	67
Dimensions	W x H x D		mm	770 x 540 x 245	770 x 540 x 245	870 x 655 x 320	950 x 834 x 330
Net Weight			kg	32.0	32.0	44.8	56.1
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	1,000	1,000	1,300	2,000
	Additional Charge		g/m	20	20	20	40
	GWP		-	2,087.5	2087.5	2087.5	2087.5
	TCO2eq		-	2.1	2.1	2.7	4.2
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-10 ~ 43	-10 ~ 43	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No.xmm²	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	4.9	7.3	16.6	22.7
Maximum Circuit Breaker Rating			A	15	15	20	25
Piping Length Total		Min ~ Max	m	5~15	5~15	5 ~ 30	5 ~ 50
Piping Elevation Difference	IDU - ODU	Max	m	10	10	30	30
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)

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2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

SINGLE SPLIT SPECIFICATION

CEILING CONCEALED DUCT

COMPACT INVERTER

HIGH STATIC PRESSURE

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PQRCVCL0QW offered with UB18C / UB24C
PREMTB001 offered with UM30 / UM36

UU18WC

UU24WC
UU30WC

UU36WC

INDOOR				UB18C NH0	UB24C NH0	UM30 N14	UM36 N24
Capacity	Cooling	Min / Nom / Max	kW	1.8 / 4.7 / 5.1	2.7 / 6.8 / 7.4	3.2 / 7.5 / 7.8	3.8 / 9.5 / 10.0
	Heating	Min / Nom / Max	kW	1.7 / 5.2 / 5.7	1.9 / 7.5 / 8.2	3.6 / 8.0 / 8.8	4.0 / 10.0 / 10.5
Low Temperature Capacity	Heating -7°C	Max	kW	3.9	5.7	7.0	8.7
Power Input (Set)	Cooling	Nom	kW	1.63	2.33	2.68	3.35
	Heating	Nom	kW	1.67	2.40	2.25	2.93
Power Input (Indoor)		Min / Max (Nom ESP)	W	80 / 100	100 / 140	160 / 240	200 / 360
Running Current	Cooling / Heating	Nom	A	7.3 / 7.4	9.4 / 9.6	12.0 / 10.0	14.9 / 13.0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				2.86	2.92	2.8	2.8
COP				3.11	3.13	3.6	3.4
SEER				5.11	5.38	5.6	5.6
SCOP				3.81	3.81	3.9	3.8
Pdesign (@ -10°C)			kW	3.2	5.2	5.8	6.5
Seasonal Energy Label	Cooling / Heating			A / A	A / A	A+ / A	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	322 / 1,176	442 / 1,911	469 / 2,082	594 / 2,388
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	13.5 / 12.0 / 10.5	18.0 / 16.5 / 14.5	22.0 / 20.0 / 18.0	32.0 / 28.0 / 24.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 34 / 32	38 / 36 / 34	37 / 35 / 34	36 / 34 / 33
Sound Power	Cooling	Max	dBA	59	63	62	60
Dehumidification Rate			l/h	1.1 (2.5)	2.12 (4.9)	2.8	3.2
Dimensions	Body	W x H x D	mm	882 x 260 x 450	882 x 260 x 450	900 x 270 x 700	1,250 x 270 x 700
Net Weight	Body		kg	25.3	26.1	25.3	36.0
Factory Set ESP				58.8 (6)	58.8 (6)	58.8 (6)	58.8 (6)
External Static Pressure		Min ~ Max	mmAq (Pa)	2.5~8 (25~78)	2.5~8 (25~78)	2.5~15(25~147)	4~15(39~147)
OUTDOOR				**UU18WC UL0**	**UU24WC UE0**	**UU30WC UE0**	**UU36WC U40**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	28	50	50	58
Sound Pressure	Cooling	Nom	dBA	47	48	51	54
	Heating	Nom	dBA	49	50	52	56
Sound Power	Cooling	Max	dBA	65	68	70	70
Dimensions	W x H x D		mm	770 x 545 x 288	870 x 655 x 320	870 x 655 x 320	950 x 834 x 330
Net Weight			kg	37.5	44.5	45.4	58.2
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	1,300	1,400	1,600	2,200
	Additional Charge		g/m	20	40	40	40
	GWP		-	2087.5	2087.5	2087.5	2087.5
	TCO2eq		-	2.7	2.9	3.3	4.6
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-10 ~ 46	-10 ~ 46	-10 ~ 48	-10 ~ 48
	Heating	Min ~ Max	°C WB	-10 ~ 18	-15 ~ 18	-10 ~ 18	-10 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	0 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	12.6	17.9	18.4	21.2
Maximum Circuit Breaker Rating			A	15	20	20	25
Piping Length Total		Min ~ Max	m	5~30	5~30	5~35	5~40
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

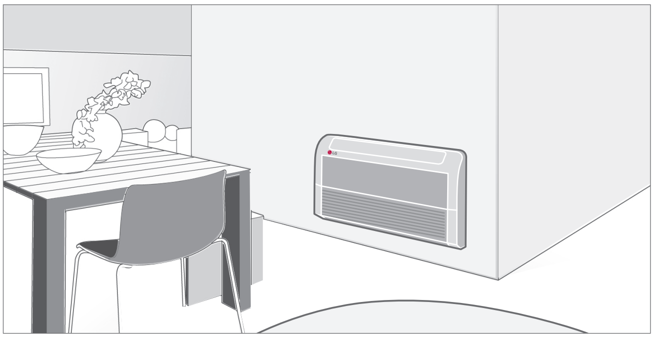
CEILING FLOOR CONVERTIBLE

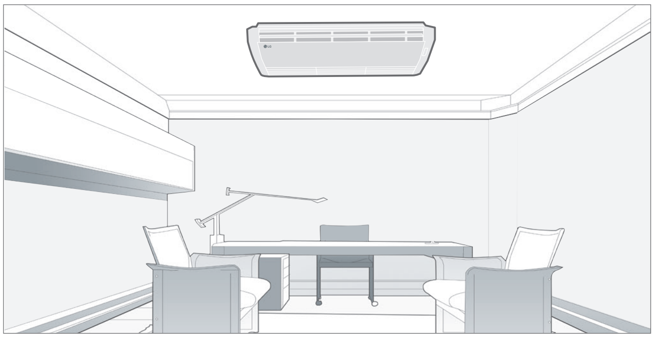
CEILING SUSPENDED UNIT

CEILING FLOOR CONVERTIBLE

Flexible Installation

The ceiling and floor models can be installed either on the ceiling or on the floor.
This saves space when installed in the shops or offices.



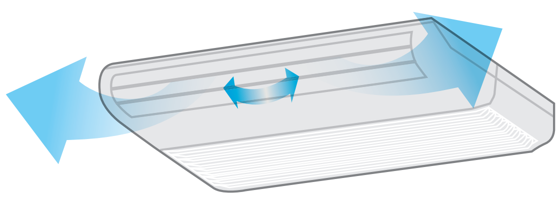


* Ceiling Floor : CV09 NE2 / CV12 NE2

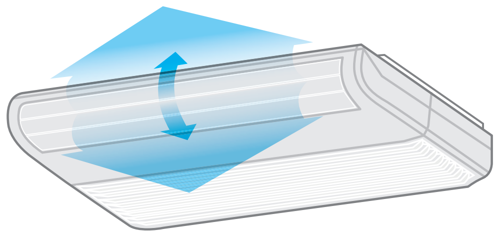
Airflow Direction Control

Vertical airflow direction can be adjusted using remote controller, and horizontal airflow direction can be adjusted manually.

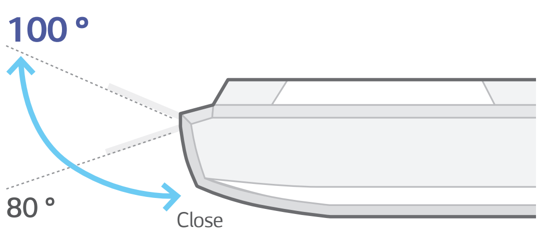
Horizontal



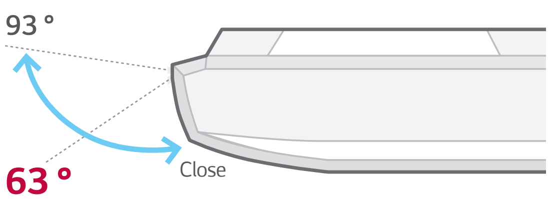
Vertical



Cooling



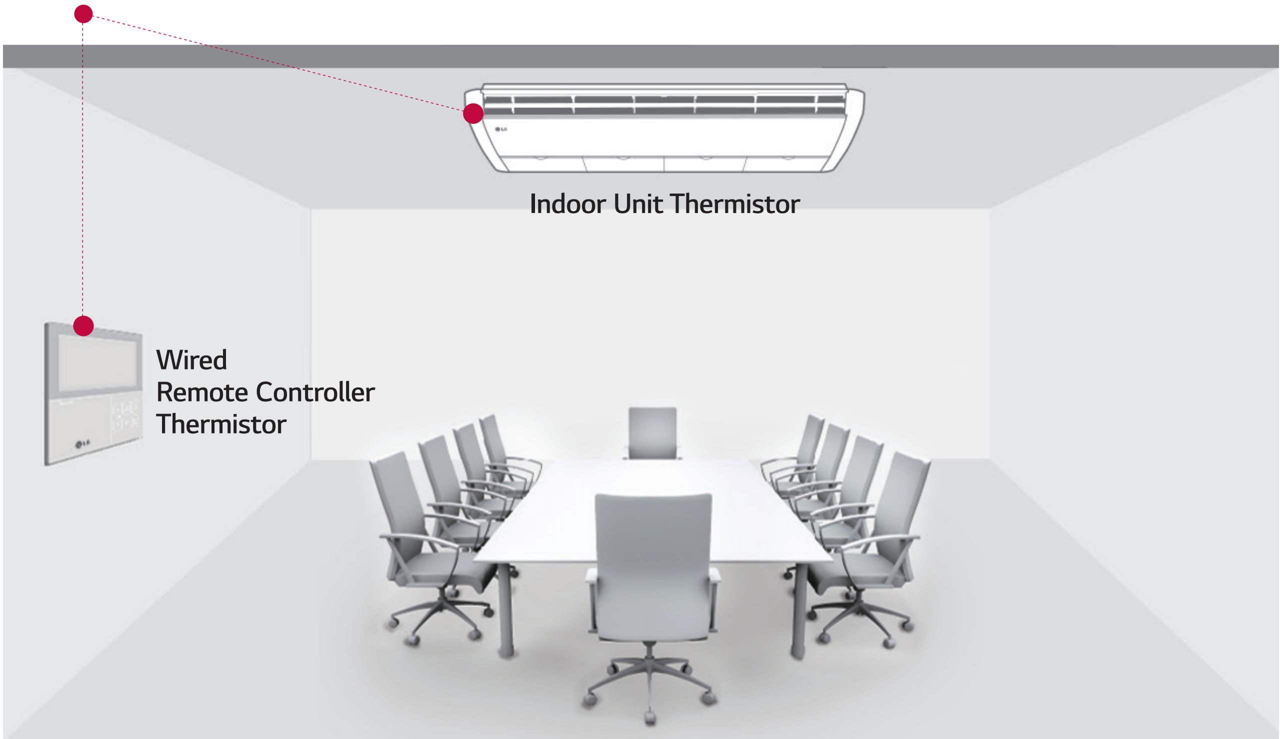
Heating



CEILING SUSPENDED UNIT

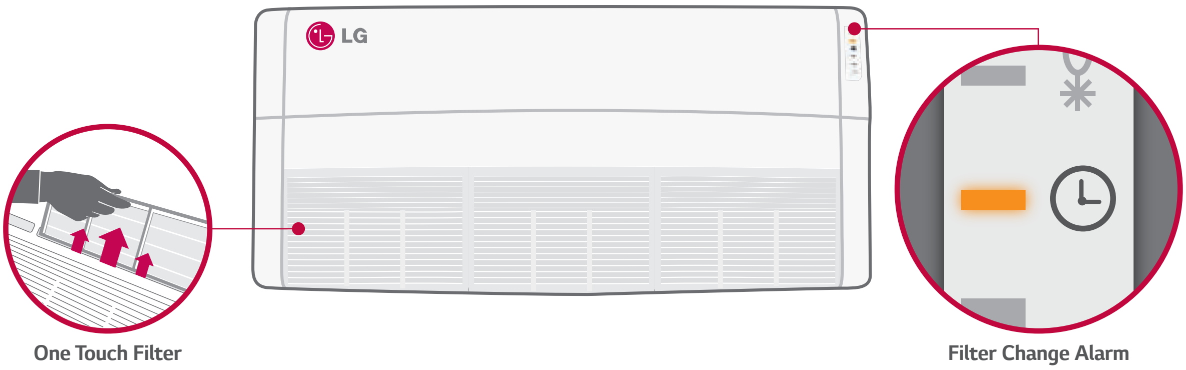
Two Thermistors Control

The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature. Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users. Two thermistors can optimise indoor air temperature for a more comfortable environment.



Filter Change Alarm

The filter change alarm informs you when the unit has been operating for 2,400 hours. It is very easy to clean or change the filter.



SINGLE SPLIT SPECIFICATION

CEILING FLOOR CONVERTIBLE

STANDARD INVERTER

UU09W / UU12W

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

INDOOR				CV09 NE2	CV12 NE2
Capacity	Cooling	Min / Nom / Max	kW	1.0 / 2.5 / 2.8	1.3 / 3.3 / 3.6
	Heating	Min / Nom / Max	kW	1.2 / 3.0 / 3.3	1.5 / 3.8 / 4.2
Low Temperature Capacity	Heating -7°C	Max	kW	3.1	3.4
Power Input (Set)	Cooling	Nom	kW	0.75	1.09
	Heating	Nom	kW	0.83	1.18
Power Input (Indoor)		Nom	W	30	40
Running Current	Cooling / Heating	Nom	A	3.26 / 3.61	4.74 / 5.13
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.33	3.03
COP				3.61	3.22
SEER				5.11	5.31
SCOP				3.81	3.81
Pdesign (@ -10°C)			kW	3.0	3.0
Seasonal Energy Label	Cooling / Heating			A / A	A / A
Annual Energy Consumption	Cooling / Heating		kWh	172 / 1,102	218 / 1,102
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm	Ø9.52 (3/8)	Ø9.52 (3/8)
	Drain	O.D. / I.D.	mm	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High / Medium / Low	m³/min	7.6 / 6.9 / 6.2	9.2 / 7.6 / 6.6
Sound Pressure	Cooling	High / Medium / Low	dBA	38 / 35 / 32	40 / 36 / 31
Sound Power	Cooling	Max	dBA	52	56
Dehumidification Rate			l/h	1.2	1.2
Dimensions	Body	W x H x D	mm	900 x 490 x 200	900 x 490 x 200
Net Weight	Body		kg	13.7	13.7

OUTDOOR				UU09W ULD	UU12W ULD
Compressor	Type			Rotary	Rotary
Airflow Rate		Nom	m³/min	32	32
Sound Pressure	Cooling	Nom	dBA	47	47
	Heating	Nom	dBA	48	48
Sound Power	Cooling	Max	dBA	56	57
Dimensions	W x H x D		mm	770 x 540 x 245	770 x 540 x 245
Net Weight			kg	32.0	32.0
Refrigerant	Type		-	R410A	R410A
	Charge		g	1,000	1,000
	Additional Charge		g/m	20	20
	GWP		-	2,087.5	2087.5
	TCO2eq		-	2.1	2.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-10 ~ 43	-10 ~ 43
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75
Maximum Running Current			A	4.9	6.9
Maximum Circuit Breaker Rating			A	15	15
Piping Length Total		Min ~ Max	m	5 ~ 15	5 ~ 15
Piping Elevation Difference	IDU - ODU	Max	m	10	10
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

SINGLE SPLIT SPECIFICATION

CEILING SUSPENDED UNIT

STANDARD INVERTER

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: www.eurovent-certification.com

UU18W

UU24W
UU30W

INDOOR				CV18 NJ2	CV24 NJ2	UV30 NJ2
Capacity	Cooling	Min / Nom / Max	kW	1.92 / 5.0 / 5.8	2.8 / 6.8 / 7.5	3.0 / 7.6 / 8.4
	Heating	Min / Nom / Max	kW	2.0 / 5.2 / 6.0	3.08 / 7.5 / 8.3	3.4 / 8.2 / 9.2
Low Temperature Capacity	Heating -7°C	Max	kW	4.6	6.9	7.5
Power Input (Set)	Cooling	Nom	kW	1.46	2.25	2.52
	Heating	Nom	kW	1.53	2.45	2.72
Power Input (Indoor)		Nom	W	50	60	60
Running Current	Cooling / Heating	Nom	A	6.7 / 6.9	9.9 / 10.8	10.0 / 10.7
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.40	3.21	3.02
COP				3.42	3.21	3.01
SEER				6.10	5.80	5.61
SCOP				4.15	3.90	3.90
Pdesign (@ -10°C)			kW	4.0	6.0	6.3
Seasonal Energy Label	Cooling / Heating			A++ / A+	A+ / A	A+/ A
Annual Energy Consumption	Cooling / Heating		kWh	287 / 1,349	410 / 2,154	474 / 2,262
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0	Ø21.5 / 16.0
Air Flow Rate		High / Medium / Low	m³/min	12.4 / 11.4 / 10.4	13.9 / 12.9 / 11.9	13.9 / 12.9 / 11.9
Sound Pressure	Cooling	High / Medium / Low	dBA	42 / 40 / 39	44 / 43 / 41	44 / 43 / 41
Sound Power	Cooling	Max	dBA	57	61	62
Dehumidification Rate			l/h	2.4	3.2	3.5
Dimensions	Body	W x H x D	mm	950 x 220 x650	950 x 650 x 220	950 x 650 x 220
Net Weight	Body		kg	22.0	23.0	23.0

OUTDOOR				UU18W UE4	UU24W U44	UU30W U44
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	50	58	58
Sound Pressure	Cooling	Nom	dBA	47	48	48
	Heating	Nom	dBA	52	52	52
Sound Power	Cooling	Max	dBA	63	67	68
Dimensions	W x H x D		mm	870 x 655 x 320	950 x 834 x 330	950 x 834 x 330
Net Weight			kg	44.6	56.1	58.0
Refrigerant	Type		-	R410A	R410A	R410A
	Charge		g	1,300	2,000	2,000
	Additional Charge		g/m	20	40	40
	GWP		-	2087.5	2087.5	2087.5
	TCO2eq		-	2.7	4.2	4.2
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	16.2	22.3	22.3
Maximum Circuit Breaker Rating			A	20	25	25
Piping Length Total		Min ~ Max	m	5 ~ 30	5 ~ 30	5 ~ 30
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

SINGLE SPLIT SPECIFICATION

CEILING SUSPENDED UNIT

STANDARD INVERTER

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UU36W

UU42W
UU48W
UU60W

INDOOR				UV36 NK2	UV42 NL2	UV48 NL2	UV60 NL2
Capacity	Cooling	Min / Nom / Max	kW	3.8 / 9.5 / 10.5	5.0 / 12.5 / 13.8	5.3 / 13.3 / 14.6	5.7 / 14.4 / 15.7
	Heating	Min / Nom / Max	kW	4.2 / 10.5 / 11.6	5.6 / 13.6 / 15.4	6.4 / 15.3 / 17.6	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.4	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.78	3.89	4.28	5.24
	Heating	Nom	kW	3.08	3.68	4.49	5.42
Power Input (Indoor)		Nom	W	90	130	140	150
Running Current	Cooling / Heating	Nom	A	12.1 / 13.4	16.9 / 16.0	18.6 / 19.5	22.8 / 23.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.42	3.21	3.11	2.75
COP				3.41	3.70	3.41	3.10
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@ -10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling / Heating			A / A	-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	652 / 2,800	-	-	-
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High / Medium / Low	m³/min	21.4 / 19.8 / 18.2	28.6 / 26.9 / 25.2	30.0 / 28.3 / 26.6	31.5 / 29.7 / 28.0
Sound Pressure	Cooling	High / Medium / Low	dBA	45 / 44 / 41	46 / 44 / 43	47 / 46 / 44	48 / 47 / 45
Sound Power	Cooling	Max	dBA	63	63	63	63
Dehumidification Rate			l/h	3.5	4.5	5.8	6.2
Dimensions	Body	W x H x D	mm	1,350 x 650 x 220	1,750 x 650 x 220	1,750 x 650 x 220	1,750 x 650 x 220
Net Weight	Body		kg	34.1	42.5	42.5	42.5

OUTDOOR				UU36W UO2	UU42W U32	UU48W U32	UU60W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	W x H x D		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	81.0	92.0	92.0	92.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge		g/m	40	40	40	40
	GWP		-	2087.5	2087.5	2087.5	2087.5
	TCO2eq		-	5.8	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	22.5	24.6	28.9	34.1
Maximum Circuit Breaker Rating			A	40	40	40	40
Piping Length Total		Min ~ Max	m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

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3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

STANDARD INVERTER

UU37W

UU43W
UU49W
UU61W

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INDOOR				UV36 NK2	UV42 NL2	UV48 NL2	UV60 NL2
Capacity	Cooling	Min / Nom / Max	kW	3.8 / 9.5 / 10.5	5.0 / 12.5 / 13.8	5.3 / 13.3 / 14.6	5.7 / 14.4 / 15.7
	Heating	Min / Nom / Max	kW	4.2 / 10.5 / 11.6	5.6 / 13.6 / 15.4	6.4 / 15.3 / 17.6	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.4	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.78	3.89	4.28	5.24
	Heating	Nom	kW	3.08	3.68	4.49	5.42
Power Input (Indoor)		Nom	W	90	130	140	150
Running Current	Cooling / Heating	Nom	A	4.0 / 4.4	5.6 / 5.3	6.2 / 6.5	7.6 / 7.9
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.42	3.21	3.11	2.75
COP				3.41	3.70	3.41	3.10
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@ -10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling / Heating			A / A	-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	652 / 2,800	-	-	-
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High / Medium / Low	m³/min	21.4 / 19.8 / 18.2	28.6 / 26.9 / 25.2	30.0 / 28.3 / 26.6	31.5 / 29.7 / 28.0
Sound Pressure	Cooling	High / Medium / Low	dBA	45 / 44 / 41	46 / 44 / 43	47 / 46 / 44	48 / 47 / 45
Sound Power	Cooling	Max	dBA	63	63	63	63
Dehumidification Rate			l/h	3.5	4.5	5.8	6.2
Dimensions	Body	W x H x D	mm	1,350 x 650 x 220	1,750 x 650 x 220	1,750 x 650 x 220	1,750 x 650 x 220
Net Weight	Body		kg	34.1	42.5	42.5	42.5

OUTDOOR				UU37W UO2	UU43W U32	UU49W U32	UU61W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	W x H x D		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	85.0	96.0	96.0	96.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge		g/m	40	40	40	40
	GWP		-	2087.5	2087.5	2087.5	2087.5
	TCO2eq		-	5.8	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm²	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4Cx 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	11.0	12.5	13.5	14.6
Maximum Circuit Breaker Rating			A	20	20	20	20
Piping Length Total		Min ~ Max	m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

CONSOLE

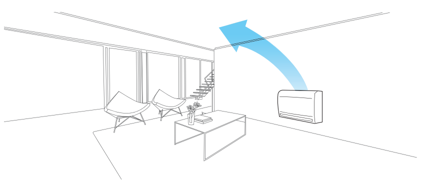
SINGLE SPLIT KEY FEATURES

CONSOLE

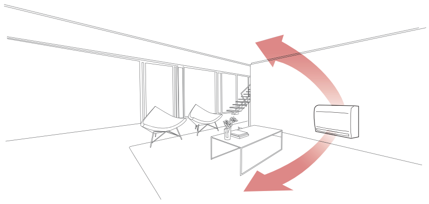
Optimised Air Flow for Cooling Heating

During the cooling operation, the vane adjusts upwards to direct the air flow towards the ceiling.
When heating, the vane directs the warm air downwards to balance the room temperature especially for floor.

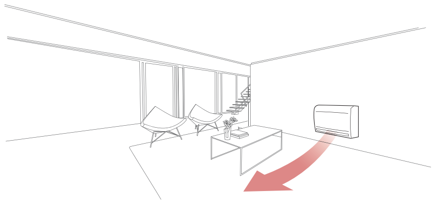
Cooling



Heating (Normal)



Heating (Floor Heating Mode)



Quick Floor Heating

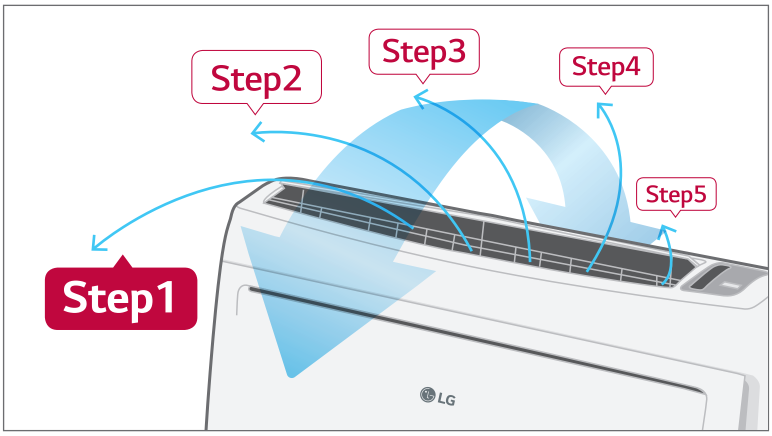
Console air conditioners offer a fast and powerful performance. Using the floor heating mode, console air conditioners provide faster floor heating and help to reach the desired temperature quickly.

27°C – 15°C	Company A	Electric Heater	LG	LG Floor Heating Mode
Vertical				
Horizontal				
Lead Time for Heating (13°C ~ 21°C)	12 minutes 30 seconds	50 minutes	**9 minutes 30 seconds**	**8 minutes 40 seconds**

(Test Condition :Target Temp 23°C, Indoor Room : 13°C~ , Outdoor Room : 7°C)

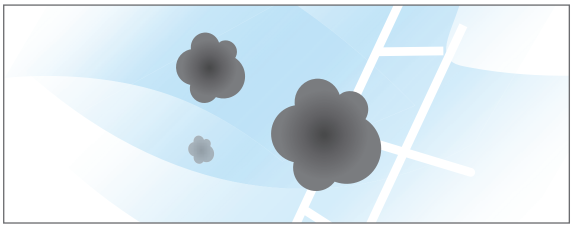
5-Step Vane Control

There are 5 different stages to control air flow direction.



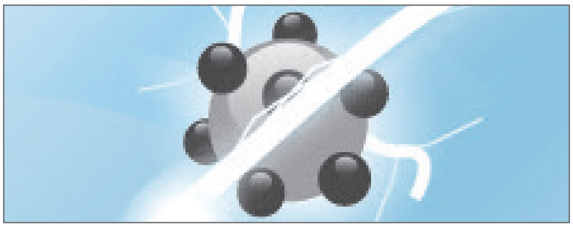
CONSOLE

Healthier Air



Advanced Pre Filter :

The antibacterial pre-filter primarily reduces large dust particles, mould and quilt dust.

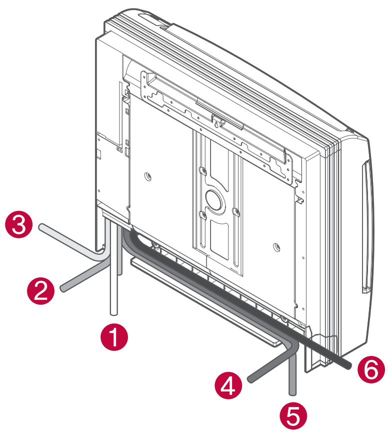


Plasma Ion Generator :

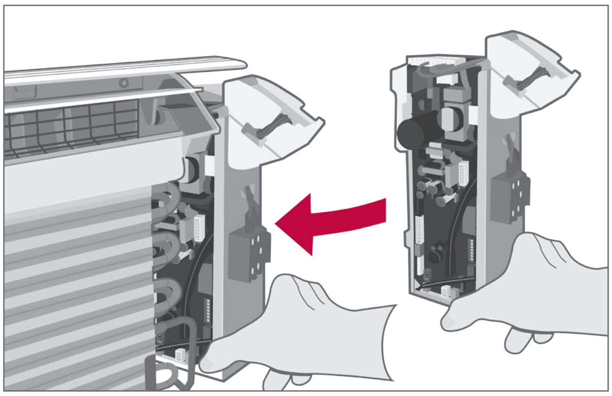
The sterilised ion generator emits around 1.2 million ions, and traps some of the airborne hazardous substances.

Easy Installation and Service

6 Different Ways to Install Piping



Easy Slide-type PCB



SINGLE SPLIT SPECIFICATION

CONSOLE

STANDARD INVERTER


LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

UU09W
UU12W

UU18W

INDOOR				CQ09 NA0	CQ12 NA0	CQ18 NA0
Capacity	Cooling	Min / Nom / Max	kW	1.3 / 2.6 / 3.4	1.4 / 3.5 / 3.7	2.2 / 5.0 / 5.6
	Heating	Min / Nom / Max	kW	1.4 / 3.1 / 4.2	1.6 / 4.0 / 4.4	2.2 / 4.8 / 5.8
Low Temperature Capacity	Heating -7°C	Max	kW	3.4	3.6	4.9
Power Input (Set)	Cooling	Nom	kW	0.64	1.06	1.55
	Heating	Nom	kW	0.74	1.08	1.50
Power Input (Indoor)		Nom	W	20	30	40
Running Current	Cooling / Heating	Nom	A	3.42 / 3.87	5.02 / 5.03	7.0 / 6.9
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.98	3.30	3.23
COP				4.19	3.70	3.20
SEER				5.11	5.31	6.2
SCOP				3.81	3.81	3.81
Pdesign (@ -10°C)			kW	2.8	3.0	3.8
Seasonal Energy Label	Cooling / Heating			A / A	A / A	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	172 / 1,032	231 / 1,105	282 / 1,396
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Drain	O.D. / I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High / Medium / Low	m³/min	8.5 / 6.7 / 5.0	9.0 / 6.9 / 5.2	10.1 / 8.6 / 7.2
Sound Pressure	Cooling	High / Medium / Low	dBA	38 / 32 / 27	39 / 32 / 27	44 / 39 / 35
Sound Power	Cooling	Max	dBA	53	56	60
Dehumidification Rate			l/h	1.2	1.4	2.3
Dimensions	Body	W x H x D	mm	700 × 600 × 210	700 × 600 × 210	700 x 600 x 210
Net Weight	Body		kg	14.0	14.0	14.0

OUTDOOR				UU09W ULD	UU12W ULD	UU18W UE4
Compressor	Type			Rotary	Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	32	32	50
Sound Pressure	Cooling	Nom	dBA	47	47	47
	Heating	Nom	dBA	48	48	52
Sound Power	Cooling	Max	dBA	56	57	63
Dimensions	W x H x D		mm	770 x 540 x 245	770 x 540 x 245	870 x 655 x 320
Net Weight			kg	32.0	32.0	44.6
Refrigerant	Type		-	R410A	R410A	R410A
	Charge		g	1,000	1,000	1,300
	Additional Charge		g/m	20	20	20
	GWP		-	2,087.5	2087.5	2087.5
	TCO2eq		-	2.1	2.1	2.7
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-10 ~ 43	-10 ~ 43	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	5.1	7.1	16.5
Maximum Circuit Breaker Rating			A	15	15	20
Piping Length Total		Min ~ Max	m	5 ~ 15	5 ~ 15	5 ~ 30
Piping Elevation Difference	IDU - ODU	Max	m	10	10	30
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

SINGLE SPLIT KEY FEATURES

FLOOR STANDING UNIT

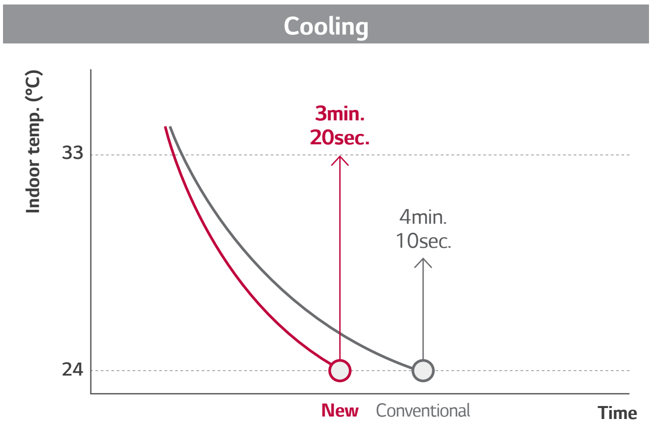
Stylish Design

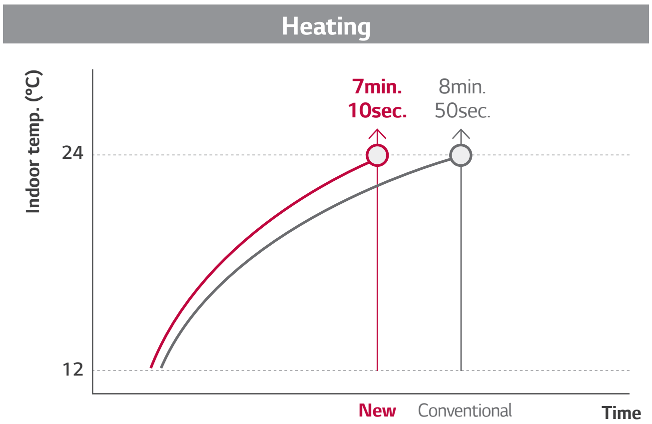
The new LG floor standing air conditioner which is Red Dot design award winner 2013, is ideal for modern interiors in your home or office.

reddot design award
winner 2013

Quick Response

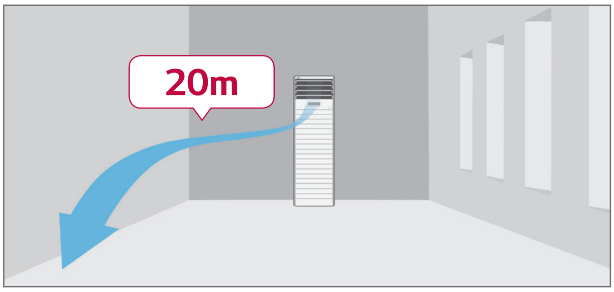
Offering powerful cooling, the commercial air conditioning system can reach a set temperature in a shorter period of time.
Meanwhile, the Power Heating function provides the optimal airflow angle, guaranteeing a faster heating performance.





Powerful Air Flow

The new LG floor standing air conditioner is efficient for using in large areas due to its powerful cooling and heating operation. The powerful air speed and volume means the air flow can reach up to 20m away from the air conditioner.



SINGLE SPLIT SPECIFICATION

FLOOR STANDING UNIT

STANDARD INVERTER

UU48W / UU49W


LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

INDOOR				UP48 NT2	
Capacity	Cooling	Min / Nom / Max	kW	6.0 / 13.4 / 15.2	6.0 / 13.4 / 15.2
	Heating	Min / Nom / Max	kW	6.0 / 15.5 / 17.1	6.0 / 15.5 / 17.1
Low Temperature Capacity	Heating -7°C	Max	kW	16.0	16.0
Power Input (Set)	Cooling	Nom	kW	4.2	4.2
	Heating	Nom	kW	4.5	4.5
Power Input (Indoor)		Nom	W	200	200
Running Current	Cooling / Heating	Nom	A	18.1 / 19.5	5.76 / 6.20
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.21	3.21
COP				3.41	3.41
SEER				-	-
SCOP				-	-
Pdesign (@ -10°C)			kW	-	-
Seasonal Energy Label	Cooling / Heating			-	-
Annual Energy Consumption	Cooling / Heating		kWh	-	-
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	31 / 27 / 23	31 / 27 / 23
Sound Pressure	Cooling	High / Medium / Low	dBA	52 / 49 / 45	52 / 49 / 45
Sound Power	Cooling	Max	dBA	59	59
Dehumidification Rate			l/h	5.0	5.0
Dimensions	Body	W x H x D	mm	590 x 1,840 x 460	590 x 1,840 x 460
Net Weight	Body		kg	50.0	50.0

OUTDOOR				UU48W U32	UU49W U32
Compressor	Type			Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	110	110
Sound Pressure	Cooling	Nom	dBA	52	52
	Heating	Nom	dBA	54	54
Sound Power	Cooling	Max	dBA	68	68
Dimensions	W x H x D		mm	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	92.0	96.0
Refrigerant	Type		-	R410A	R410A
	Charge		g	3,400	3,400
	Additional Charge		g/m	40	40
	GWP		-	2087.5	2087.5
	TCO2eq		-	7.1	7.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm²	3C x 5.0	5C x 5.0
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75
Maximum Running Current			A	28.7	13.3
Maximum Circuit Breaker Rating			A	40	20
Piping Length Total		Min ~ Max	m	75	75
Piping Elevation Difference	IDU - ODU	Max	m	30	30
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)

3Phase

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
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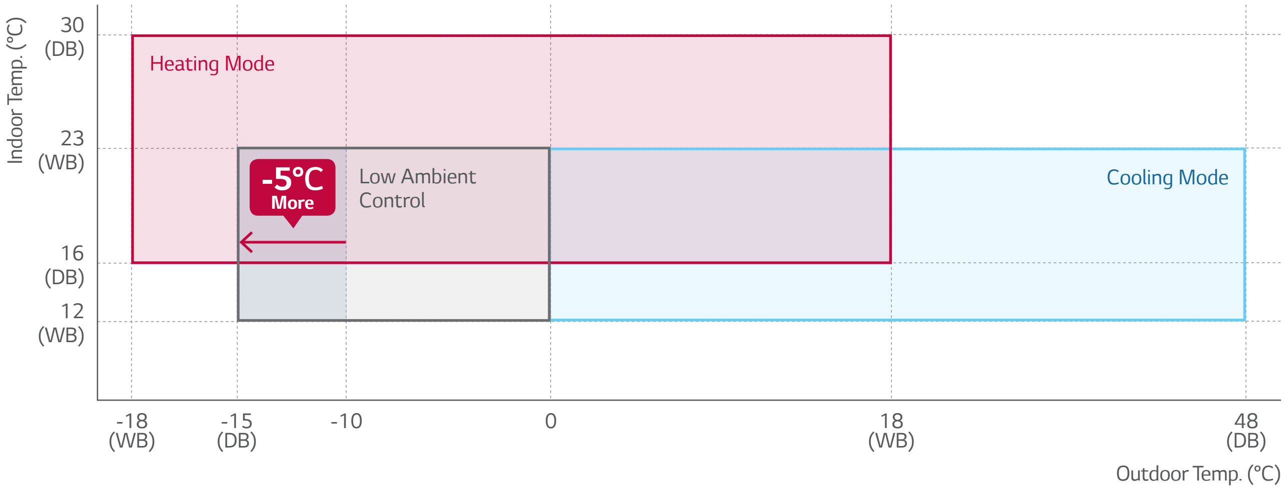
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

WALL
MOUNTED UNIT

WALL MOUNTED UNIT

Wide Operation Range

Ideal solution for server rooms, machine rooms and kitchens.



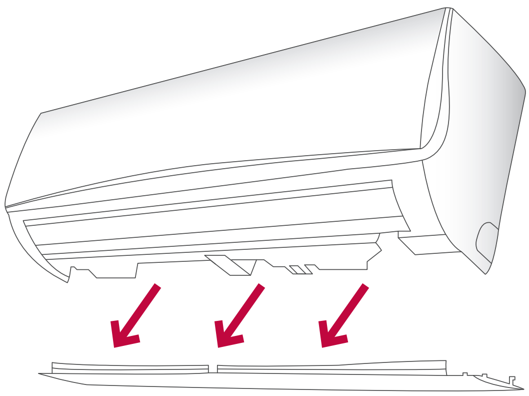
Easy Installation

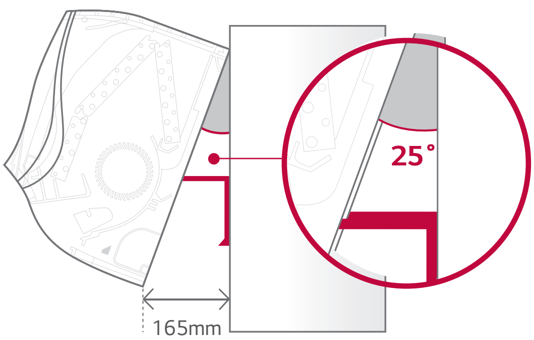
Detachable Bottom Cover

The bottom cover is detachable when needed, making installation easier. Disassembly or additional support of the unit is unnecessary. Installation can be completed by one individual with LG's patented support tool.

Installation Support Clip

A support clip creates adequate space between the wall and the unit for easier installation.





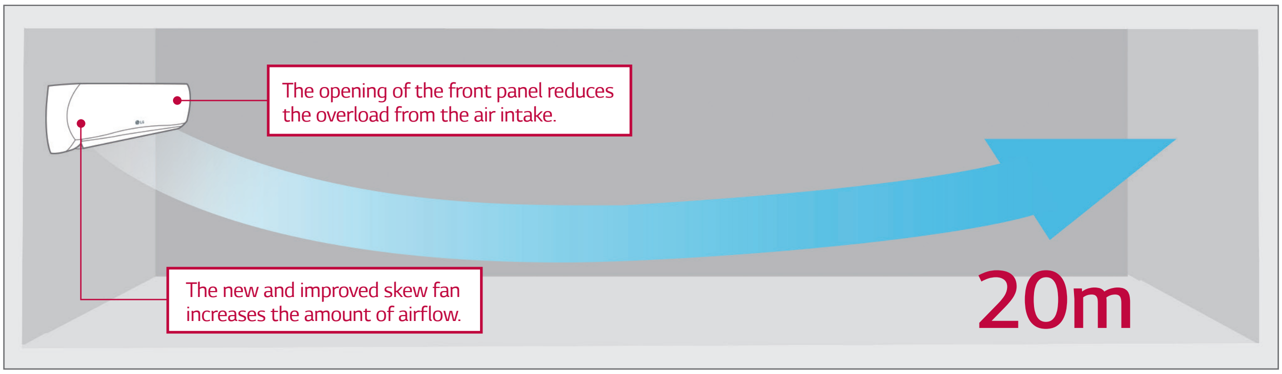
High Energy Efficiency

New wall mounted units provide good seasonal energy efficiency connected with Standard Inverter outdoor units.

	8.0kW	10kW
SEER	6.1 (A++)	5.4 (A)
SCOP	3.9 (A)	3.8 (A)

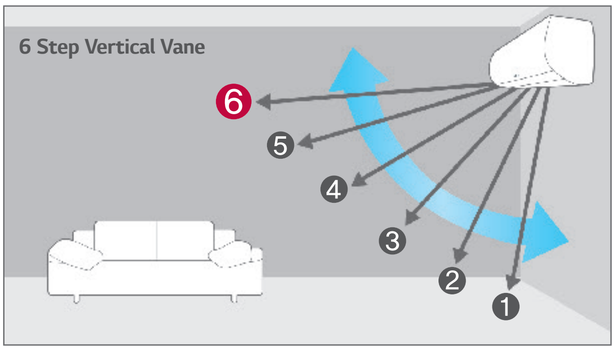
Powerful Cooling Heating

20m Windblast



Optimised Airflow

Direction of horizontal vane can be adjusted from step 1 to step 6 with full auto swing. This function can cool and heat specific areas much faster.



Quick Cooling Heating

Jet cooling and heating disperses air evenly at high speed to secure an optimally cooled or heated room in just 3 minutes.

SINGLE SPLIT SPECIFICATION

WALL MOUNTED UNIT

STANDARD INVERTER

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

UU30W

UU36W
UU37W

INDOOR				UJ30 NV2	UJ36 NV3	UJ36 NV3
Capacity	Cooling	Min / Nom / Max	kW	3.5 / 7.8 / 8.5	4.0 / 9.5 / 10.5	4.0 / 9.5 / 10.5
	Heating	Min / Nom / Max	kW	4.0 / 8.4 / 9.2	4.4 / 10.5 / 11.5	4.4 / 10.5 / 11.5
Low Temperature Capacity	Heating -7°C	Max	kW	7.5	9.4	9.4
Power Input (Set)	Cooling	Nom	kW	2.29	2.79	2.79
	Heating	Nom	kW	2.46	3.08	3.08
Power Input (Indoor)		Nom	W	140	160	160
Running Current	Cooling / Heating	Nom	A	10.0 / 10.7	12.1 / 13.4	4.0 / 4.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.41	3.41	3.41
COP				3.41	3.41	3.41
SEER				6.11	5.41	5.41
SCOP				3.91	3.81	3.81
Pdesign (@ -10°C)			kW	6.3	7.6	7.6
Seasonal Energy Label	Cooling / Heating			A++ / A	A / A	A / A
Annual Energy Consumption	Cooling / Heating		kWh	448 / 2,262	615 / 2,793	615 / 2,793
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High / Medium / Low	m³/min	22.0 / 19.0 / 16.0	27.0 / 24.0 / 20.0	27.0 / 24.0 / 20.0
Sound Pressure	Cooling	High / Medium / Low	dBA	45 / 42 / 40	48 / 45 / 41	48 / 45 / 41
Sound Power	Cooling	Max	dBA	61	63	63
Dehumidification Rate			l/h	3.0	3.4	3.4
Dimensions	Body	W x H x D	mm	1,190 x 346 x 265	1,190 × 346 × 265	1,190 × 346 × 265
Net Weight	Body		kg	15.7	16.0	16.0

OUTDOOR				UU30W U44	UU36W UO2	UU37W UO2 3Phase
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	58	90	90
Sound Pressure	Cooling	Nom	dBA	48	53	53
	Heating	Nom	dBA	52	54	54
Sound Power	Cooling	Max	dBA	68	66	66
Dimensions	W x H x D		mm	950 x 834 x 330	950 x 1,170 x 330	950 x 1,170 x 330
Net Weight			kg	58.0	81.0	85.0
Refrigerant	Type		-	R410A	R410A	R410A
	Charge		g	2,000	2,800	2,800
	Additional Charge		g/m	40	40	40
	GWP		-	2087.5	2087.5	2087.5
	TCO2eq		-	4.2	5.8	5.8
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 5.0	5C x 2.5
Transmission Cable			No. x mm²	3C x 2.5	4C x 0.75	4C x 0.75
Maximum Running Current			A	22.3	22.4	10.9
Maximum Circuit Breaker Rating			A	4C x 0.75	40	20
Piping Length Total		Min ~ Max	m	25	5 ~ 50	5 ~ 50
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

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2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

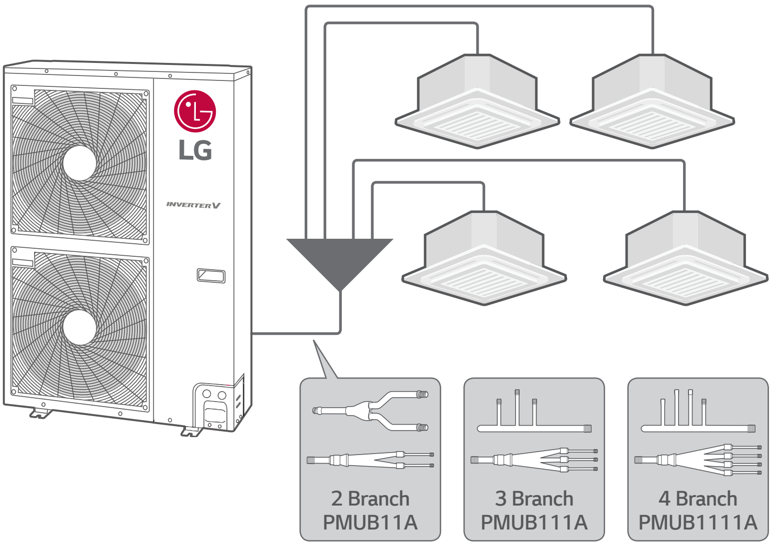
SYNCHRO OPERATION

SYNCHRO OPERATION

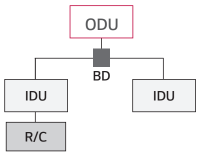
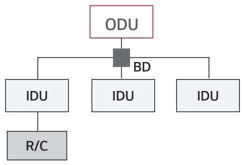
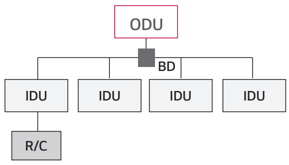
Simultaneous Operation

It is possible to connect 2, 3, or 4 indoor units to a single outdoor unit. All indoor units are operated together within the same mode from one remote controller. This allows equal air distribution in large commercial areas.

- **High efficiency Low noise**
- **Various indoor unit types**
- **Only using simple branch piping**
- **Standard Inverter**
  - 12.5 / 14.0 / 15.0 / 20.0 / 25.0kW



Combination Table

	Duo	Trio	Quartet
IDU : Indoor Unit **ODU : Outdoor Unit** **BD : Branch Distributor Unit** **R / C : Wired Remote Controller**			

	Capacity (kW)		Duo			Trio			Quartet		
	Cooling	**Heating**	**Cassette**	**Duct**	**Ceiling Suspended**	**Cassette**	**Duct**	**Ceiling Suspended**	**Cassette**	**Duct**	**Ceiling Suspended**
UU42W U32 **UU43W U32**	12.5	14.0	CT24 NP4 x 2	CM24 N14 x 2 CB24L N32 x 2	CV24 NJ2 x 2	CT18 NQ4 x 3	CM18 N14 x 3 CB18L N22 x 3	CV18 NJ2 x 3	CT12 NR2 x 4	CB12L N22 x 4	-
UU48W U32 **UU49W U32**	14.0	16.0	CT24 NP4 x 2	CM24 N14 x 2 CB24L N32 x 2	CV24 NJ2 x 2	CT18 NQ4 x 3	CM18 N14 x 3 CB18L N22 x 3	CV18 NJ2 x 3	CT12 NR2 x 4	CB12L N22 x 4	-
UU60W U32 **UU61W U32**	15.0	17.0	UT30 NP4 x 2	UM30 N14 x 2	UV30 NJ2 x 2	CT18 NQ4 x 3	CM18 N14 x 3 CB18L N22 x 3	CV18 NJ2 x 3	CT12 NR2 x 4	CB12L N22 x 4	-
UU70W U34	19.0	22.4	UT36 NN2 x 2	UM36 N24 x 2	UV36 NK2 x 2	CT24 NP4 x 3	CM24 N14 x 3 CB24L N32 x 3	CV24 NJ2 x 3	CT18 NQ4 x 4	CM18 N14 x 4 CB18L N22 x 4	CV18 NJ2 x 4
UU85W U74	23.0	27.0	UT42 NM2 x 2	UM42 N24 x 2	UV42 NL2 x 2	CT24 NP4 x 3	CM24 N14 x 3 CB24L N32 x 3	CV24 NJ2 x 3	CT18 NQ4 x 4	CM18 N14 x 4 CB18L N22 x 4	CV18 NJ2 x 4

	Duo	Trio	Quartet
Remote Controller	Standard Wired Remote Controller : PREMTB001 (White) / PREMTBB01 (Black)		
BD Unit	PMUB11A	PMUB111A	PMUB1111A
AC EZ	PQCSZ250S0		
AC EZ Touch	PACEZA000		

* For Ceiling suspended, the wired remote controller has to be purchased separately.

SINGLE SPLIT SPECIFICATION

SYNCHRO OPERATION

STANDARD INVERTER

UU43W
UU49W
UU61W

INDOOR				CT12 / CT18 / CT24 / UT30 NR2/N*4 CM18 / CM24 / UM30 N*4 CB12L / CB18L / CB24L N*2 CV18 / CV24 / UV30 N*2
Capacity	Cooling	Min / Nom / Max	kW	* Please refer to the Combination Table
	Heating	Min / Nom / Max	kW	
Power Input	Cooling	Nom	kW	
	Heating	Nom	kW	
Running Current	Cooling / Heating	Nom	A	* Please refer to the specification of each indoor unit. * Below functions are not available for Synchro operation. - Group Control - Zone Control - Dry Contact - Auto Changeover
Piping Connection	Liquid		mm	
	Gas		mm	
	Drain	O.D. / I.D.	mm	
Air Flow Rate		High / Medium / Low	m³/min	
Sound Pressure	Cooling	High / Medium / Low	dBA	
Sound Power	Cooling	Max	dBA	
Dehumidification Rate			l/h	
Dimensions	Body	W x H x D	mm	
Net Weight	Body		kg	

OUTDOOR				UU42W U32	UU48W U32	UU60W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	52	52	52
	Heating	Nom	dBA	54	54	54
Sound Power	Cooling	Max	dBA	67	68	71
Dimensions	W x H x D		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	96.0	96.0	96.0
Refrigerant	Type		-	R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge		g/m	Please refer to the Product Data Book or Installation Manual		
	GWP		-	2087.5	2087.5	2087.5
	TCO2eq		-	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	Please refer to the Product Data Book		
Maximum Circuit Breaker Rating			A	40	40	40
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Max. Interunit Piping Length	Total Piping (Main + Total Branch)		m	80	80	80
	Main Piping		m	45	45	45
	Total Branch Piping		m	40	40	40
	Each Branch Piping		m	15	15	15
Max. Installation Height Difference	Indoor Unit ~ Outdoor Unit		m	30	30	30
	Indoor Unit ~ Indoor Unit		m	1	1	1
List Price			£	**£1,488.00**	**£1,725.00**	**£1,400.00**

3Phase

OUTDOOR - THREE PHASE		UU43W U32	UU49W U32	UU61W U32
Power Supply	Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable	No. x mm²	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable	No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current		Please refer to Product DataBook		
Maximum Circuit Breaker Rating	A	20	20	20

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
5. This product contains fluorinated greenhouse gases (R410A)

SYNCHRO BRANCHES

2 Units
PMUB11A
3 Units
PMUB111A
4 Units
PMUB1111A

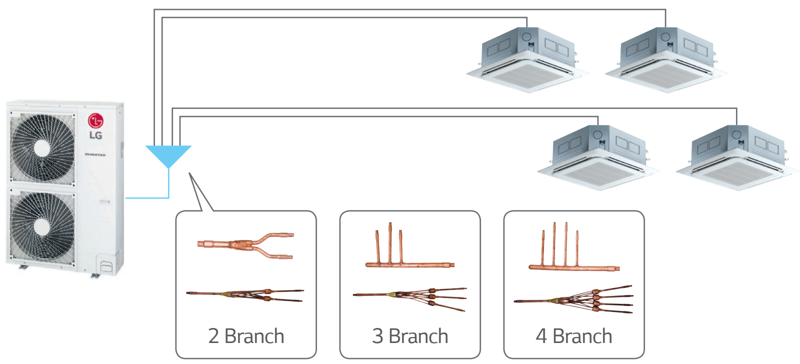
Features

- Various Y Branch pipes of different capacities make installation easier
- Y Branch and header branch for both gas and liquid are provided
- Insulation material is also provided for covering the branches

Models Applied

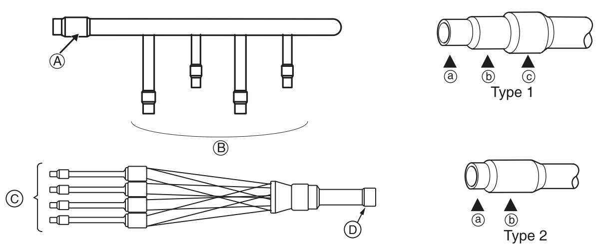
Standard Inverter : 12.5 / 14.0 / 15.0 / 20.0 / 25.0kw

Application



Branching kit

Indoor Classification	Model Name	Capacity Ratio(%)
2 Units	PMUB11A	50:50 (1:1)
3 Units	PMUB111A	33:33:33 (1:1:1)
4 Units	PMUB1111A	25:25:25:25 (1:1:1:1)



	ⓐ	ⓑ	ⓒ	Type
☐	Ø15.88 (5/8)	Ø19.05	Ø25.4 (1)	1
☐	Ø9.52 (3/8) Ø12.7 (1/2)	Ø12.7 (1/2) Ø15.88 (5/8)	-	2
☐	Ø6.35 (1/4)	Ø9.52 (3/8)	-	2
☐	Ø9.52 (3/8)	Ø12.7 (1/2)	-	2

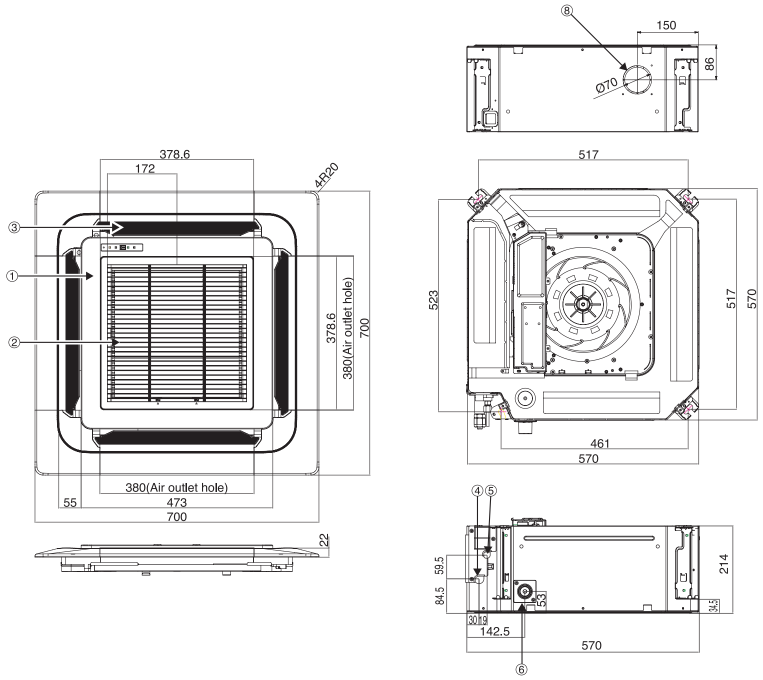
SINGLE SPLIT DIMENSIONS

CEILING CASSETTE

CT09 NR2 / CT12 NR2

(Unit : mm)

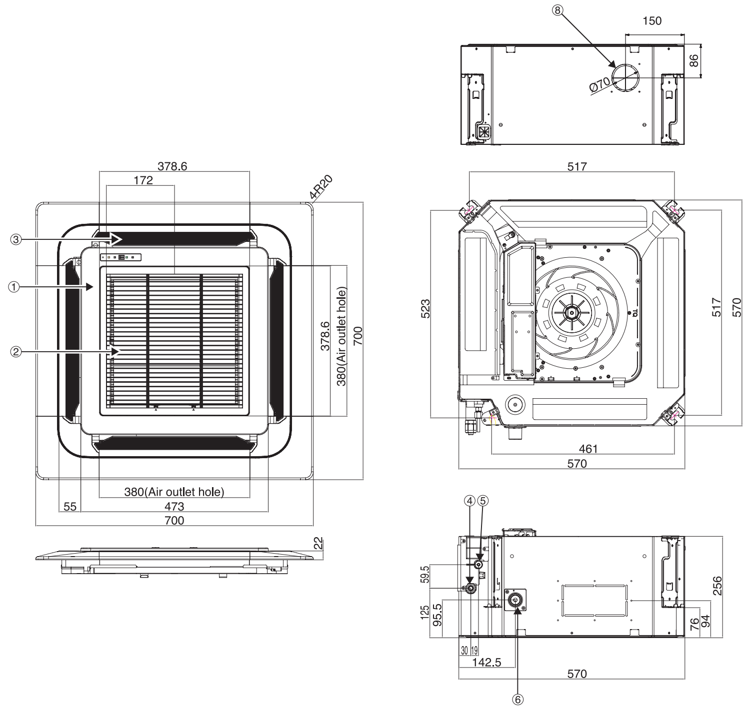
	Part Name
1	Decoration panel (PT-UQC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



CT18 NQ4

(Unit : mm)

	Part Name
1	Decoration panel (PT-UQC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)

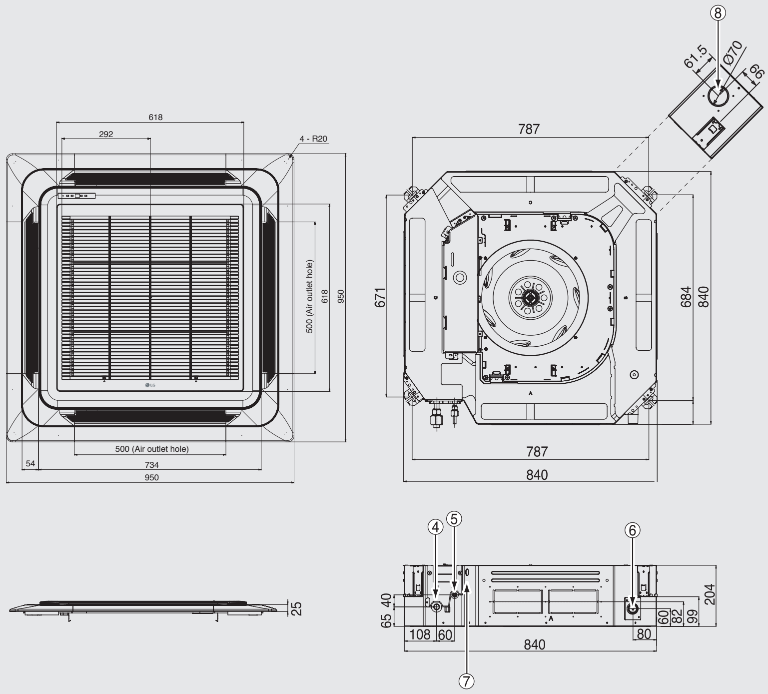


CEILING CASSETTE

CT24 NP4 / UT30 NP4

(Unit : mm)

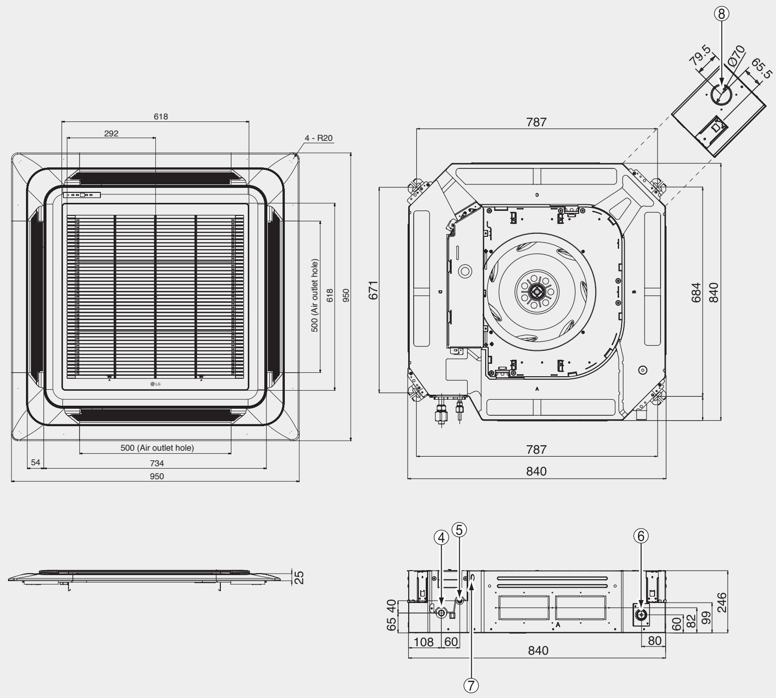
	Part Name
1	Decoration panel (PT-UMC1)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



UT36 NN2

(Unit : mm)

	Part Name
1	Decoration panel (PT-UMC1)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



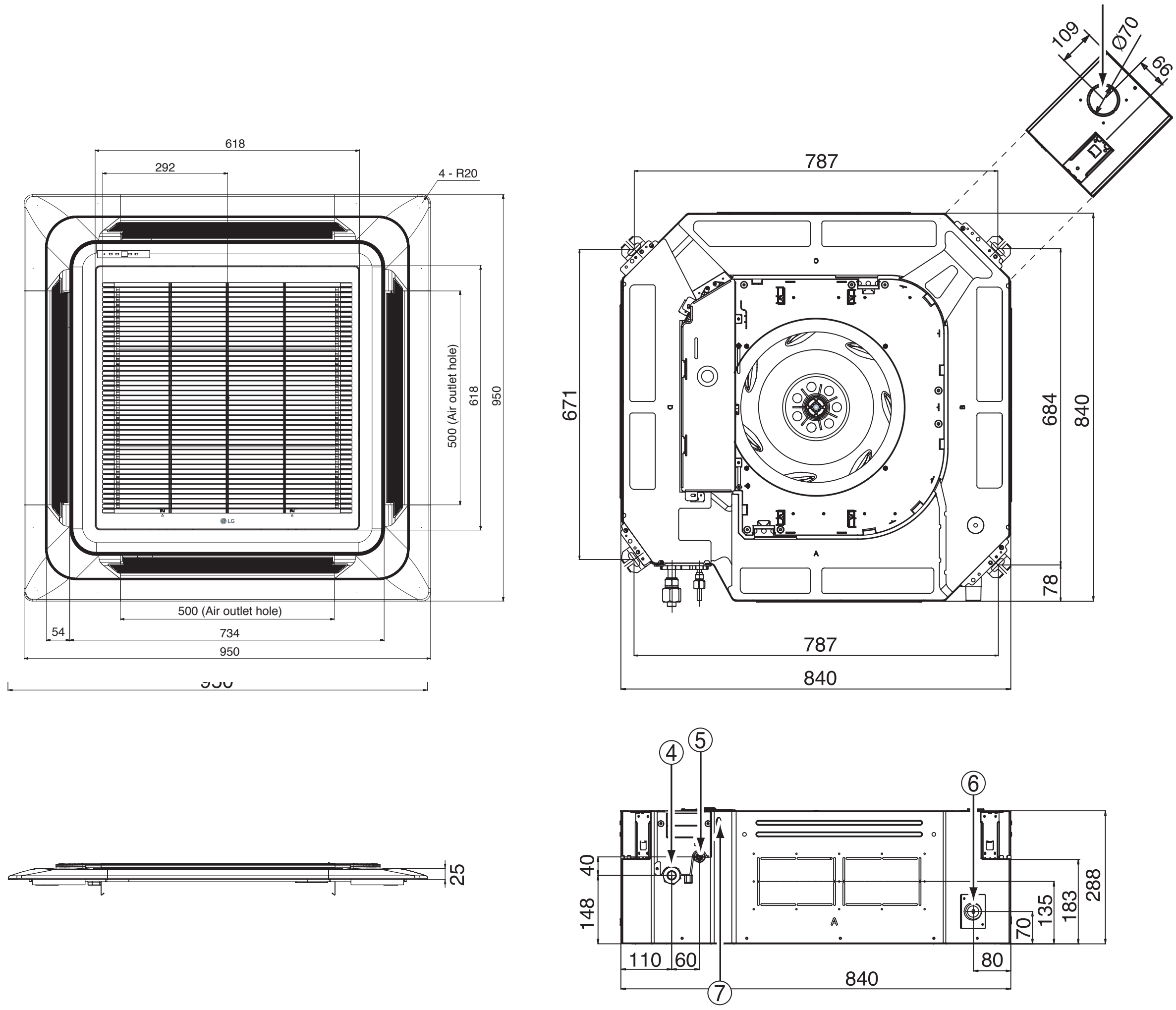
SINGLE SPLIT DIMENSIONS

CEILING CASSETTE

UT42 NM2 / UT48 NM2 / UT60 NM2

(Unit : mm)

	Part Name
1	Decoration panel (PT-UMC1)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)

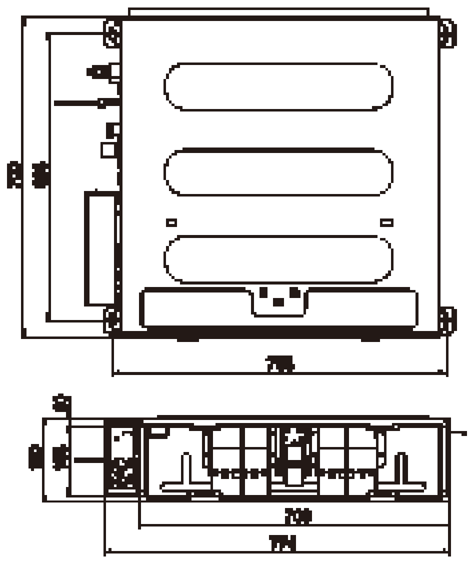


CEILING CONCEALED DUCT

CB09L N12

(Unit : mm)

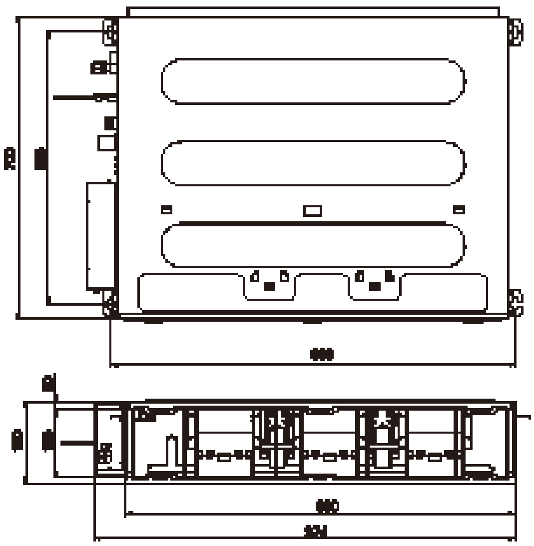
	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction



CB12L N22 / CB18L N22

(Unit : mm)

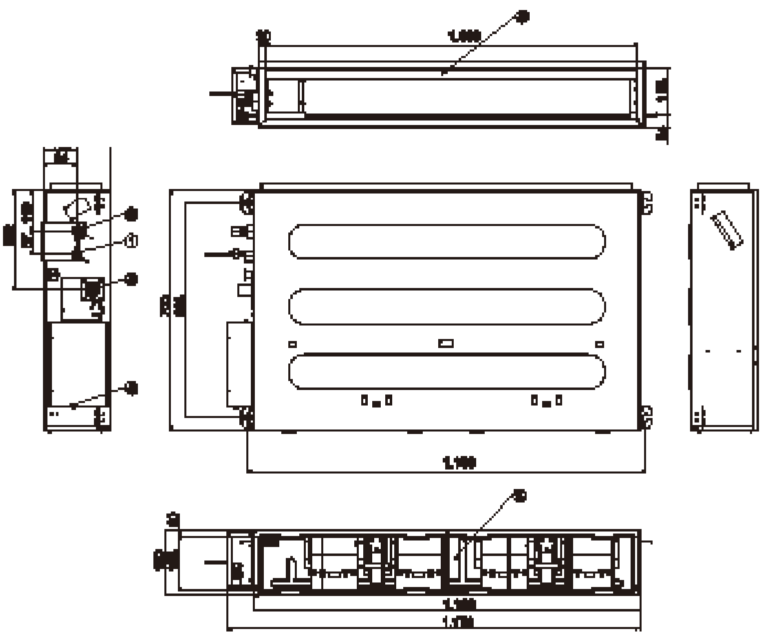
	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction



CB24L N32

(Unit : mm)

	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction

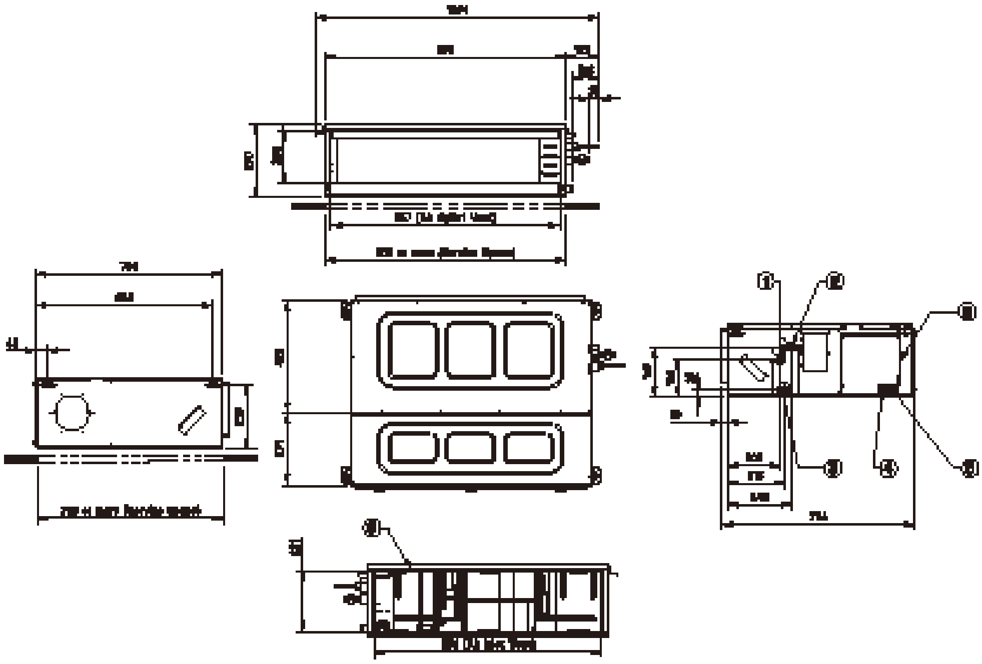


CEILING CONCEALED DUCT

CM18 N14 / CM24 N14 / UM30 N14

(Unit : mm)

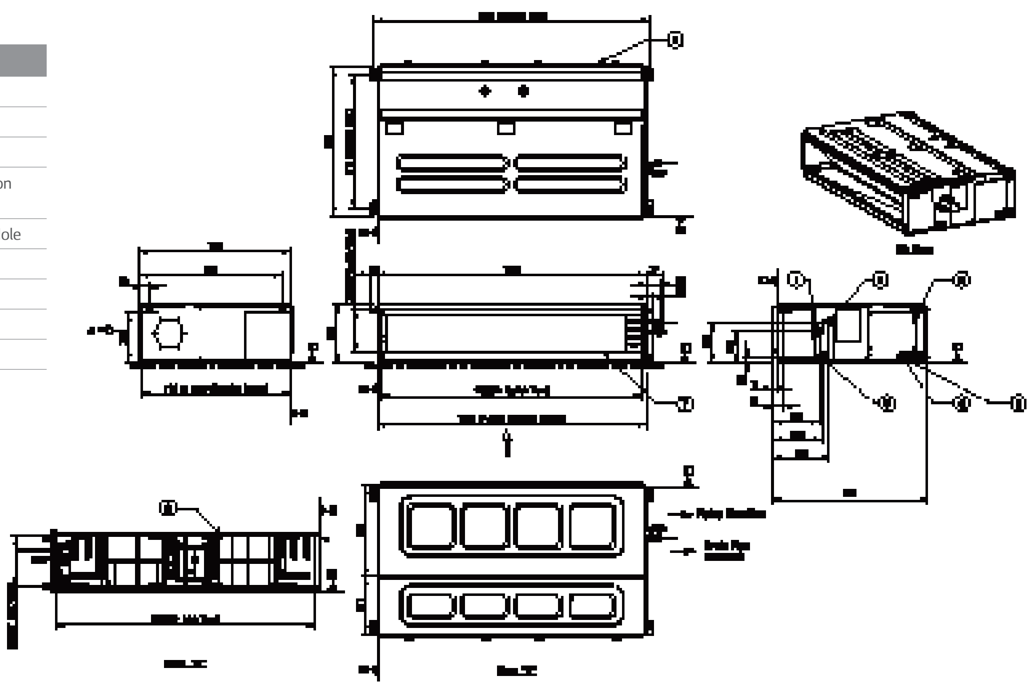
	Part Name
1	Gas pipe connection
2	Liquid pipe connection
3	Drain pipe connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet Vent
7	Air Outlet Vent
8	Air Filter
9	Control Cover



UM36 N24 / UM42 N24

(Unit : mm)

	Part Name
1	Gas pipe connection
2	Liquid pipe connection
3	Drain pipe connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover



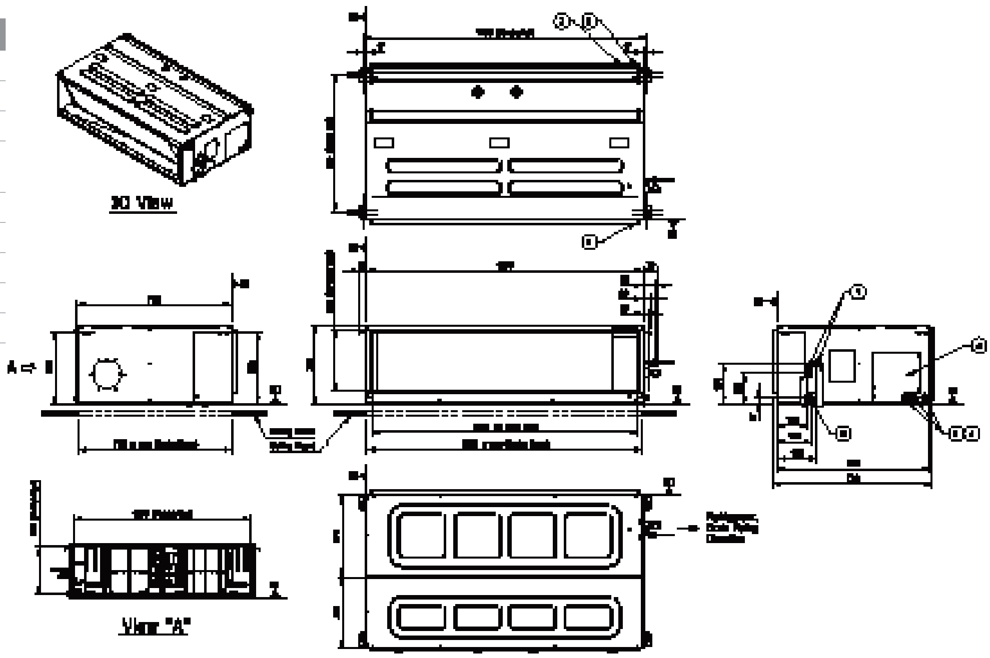
SINGLE SPLIT DIMENSIONS

CEILING CONCEALED DUCT

UM48 N34 / UM60 N34

(Unit : mm)

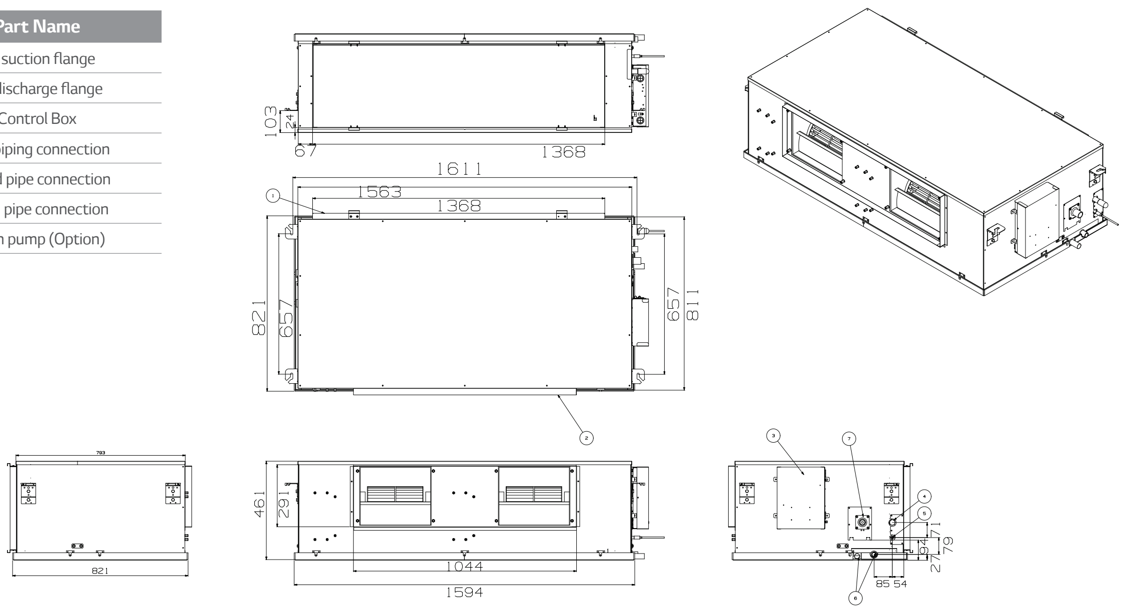
	Part Name
1	Gas pipe connection
2	Liquid pipe connection
3	Drain pipe connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover



UB70 N94 / UB85 N94

(Unit : mm)

	Part Name
1	Air suction flange
2	Air discharge flange
3	Control Box
4	Gas piping connection
5	Liquid pipe connection
6	Drain pipe connection
7	Drain pump (Option)

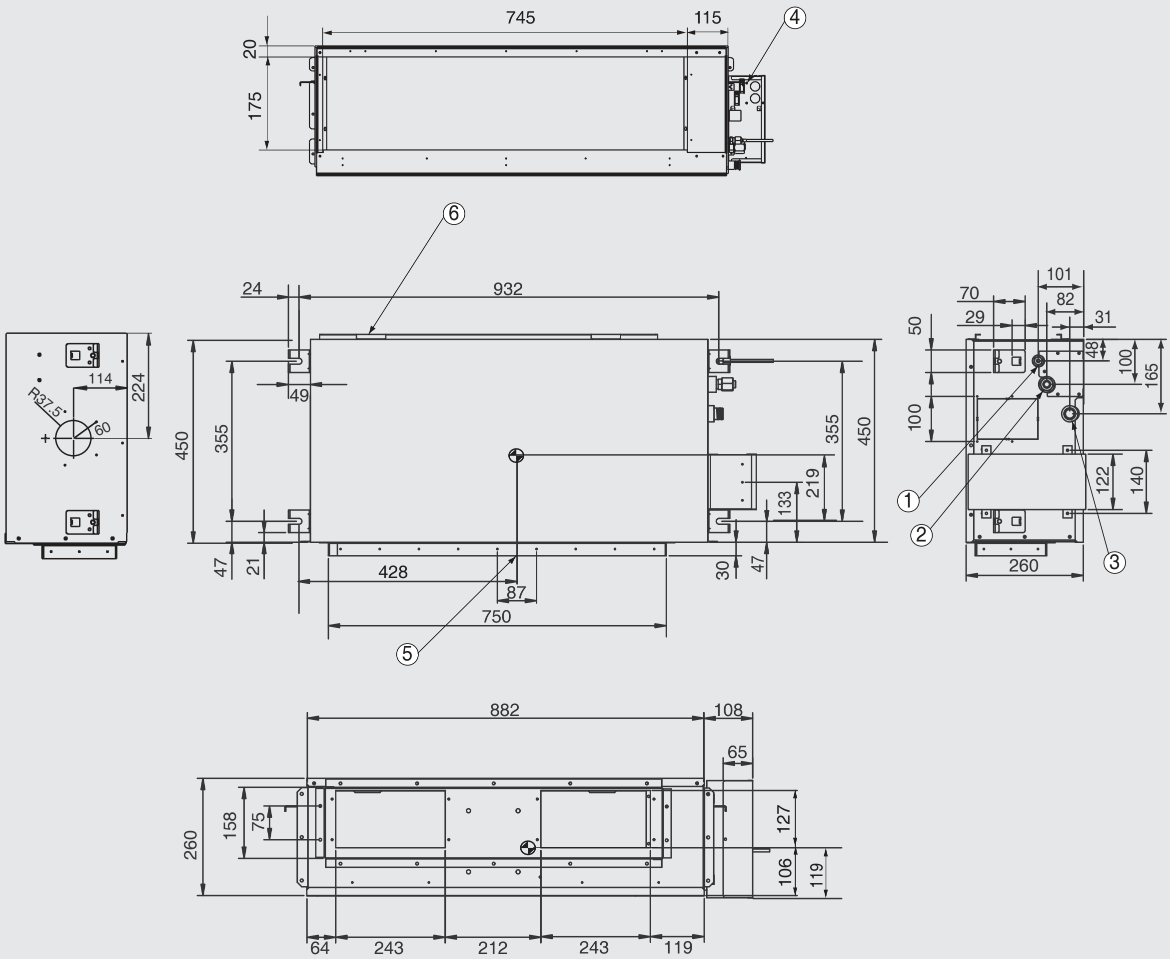


CEILING CONCEALED DUCT

UB18C NH0 / UB24C NH0

(Unit : mm)

	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction



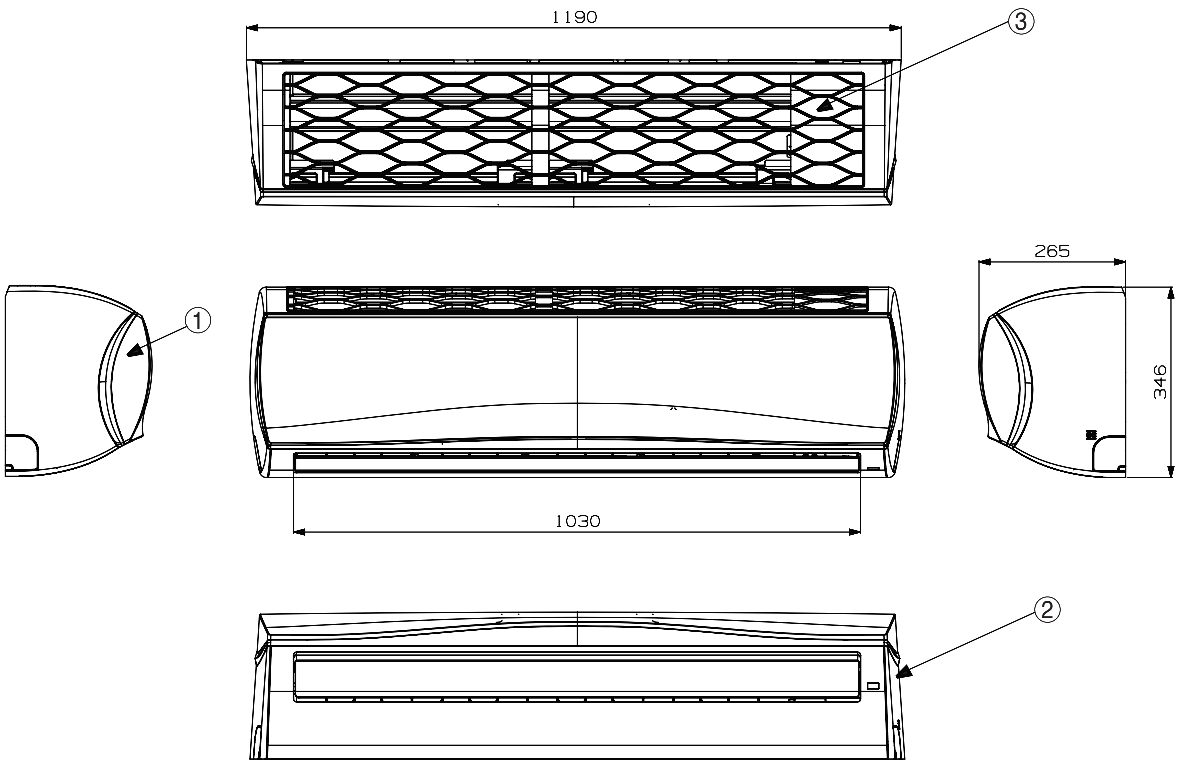
SINGLE SPLIT DIMENSIONS

WALL MOUNTED

UJ30 NV2 / UJ36 NV3

(Unit : mm)

	Part Name
1	Front Panel
2	Display Signal Receiver
3	Air Suction Grille
4	Installation Plate

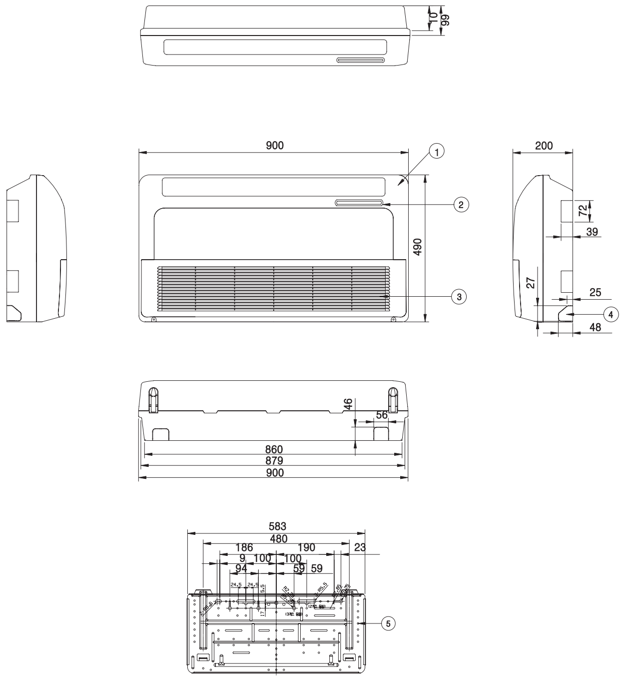


CEILING FLOOR / CEILING SUSPENDED

CV09 NE2 / CV12 NE2

(Unit : mm)

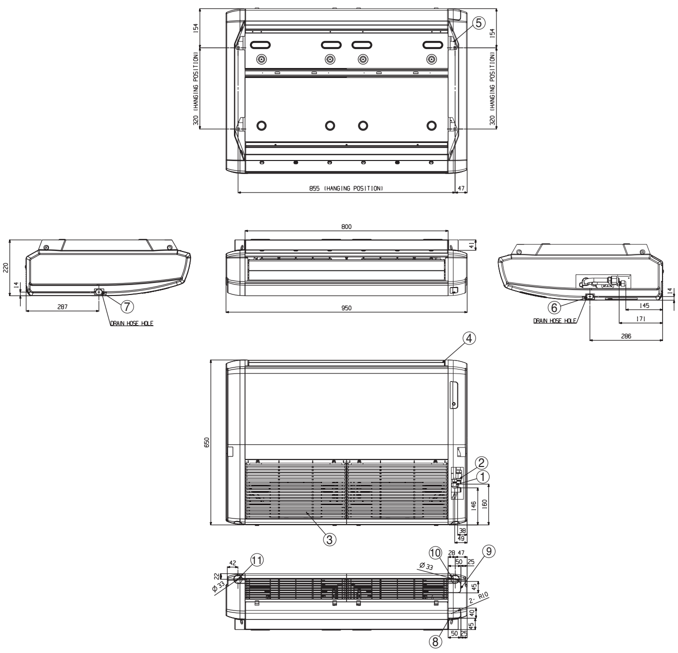
	Part Name
1	Front air discharge grille
2	Display Single receiver
3	Air suction grille
4	Knockout hole
5	Installation plate



CV18 NJ2 / CV24 NJ2 / UV30 NJ2

(Unit : mm)

	Part Name
1	liquid pipe
2	Gas pipe
3	Suction gille
4	Discharge grille
5	Suspension bracket
6	Right side drain hose hole
7	Left side drain hose hole
8	Wiring connection
9	Piping connection
10	Right side drain pipe connection
11	Left side drain pipe connection

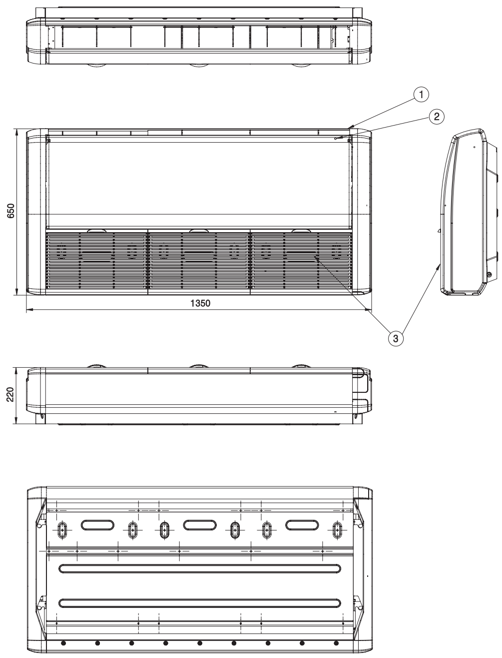


CEILING FLOOR / CEILING SUSPENDED

UV36 NK3

(Unit : mm)

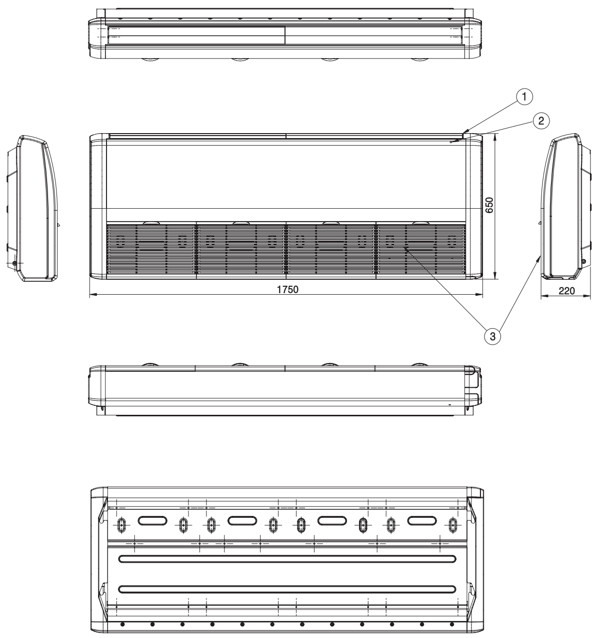
	Part Name
1	Front air discharge grille
2	Display Single receiver
3	Air suction grille



UV42 NL2 / UV48 NL2 / UV60 NL2

(Unit : mm)

	Part Name
1	Front air discharge grille
2	Display Single receiver
3	Air suction grille

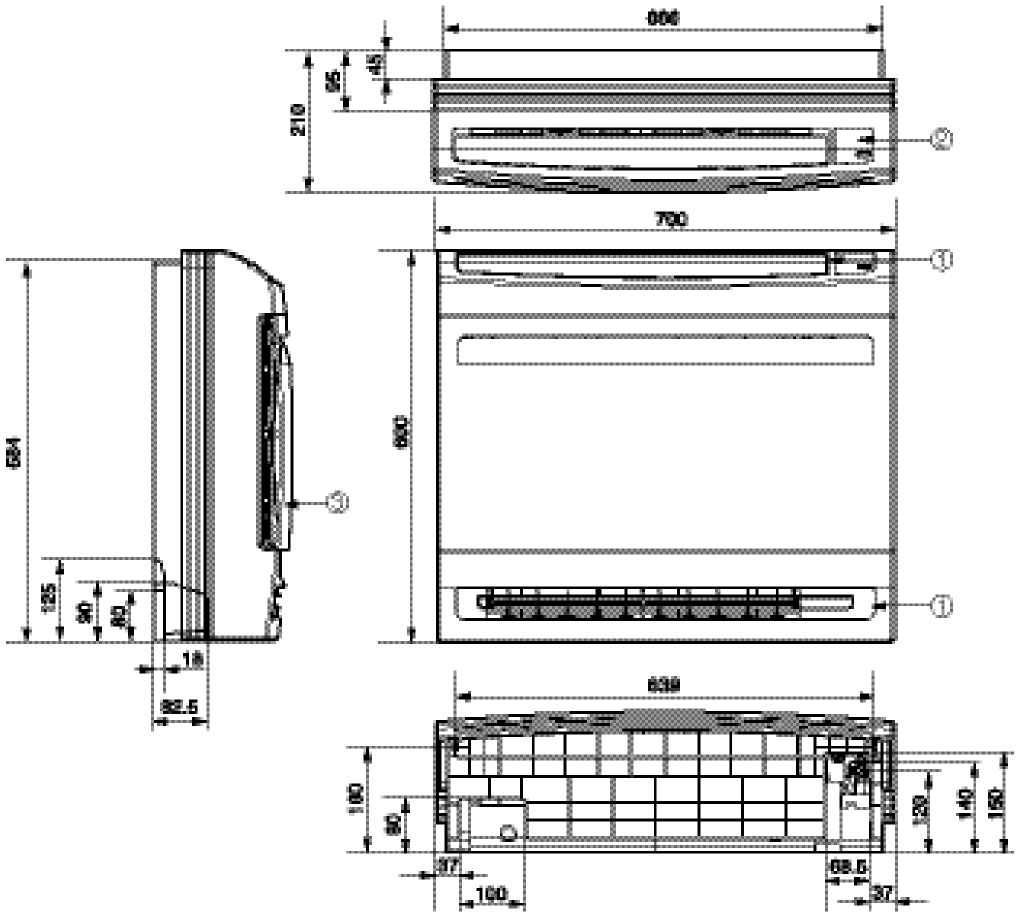


CONSOLE

CQ09 NA0 / CQ12 NA0 / CQ18 NA0

(Unit : mm)

	Part Name
1	Front air discharge grille
2	Display Single receiver
3	Air suction grille

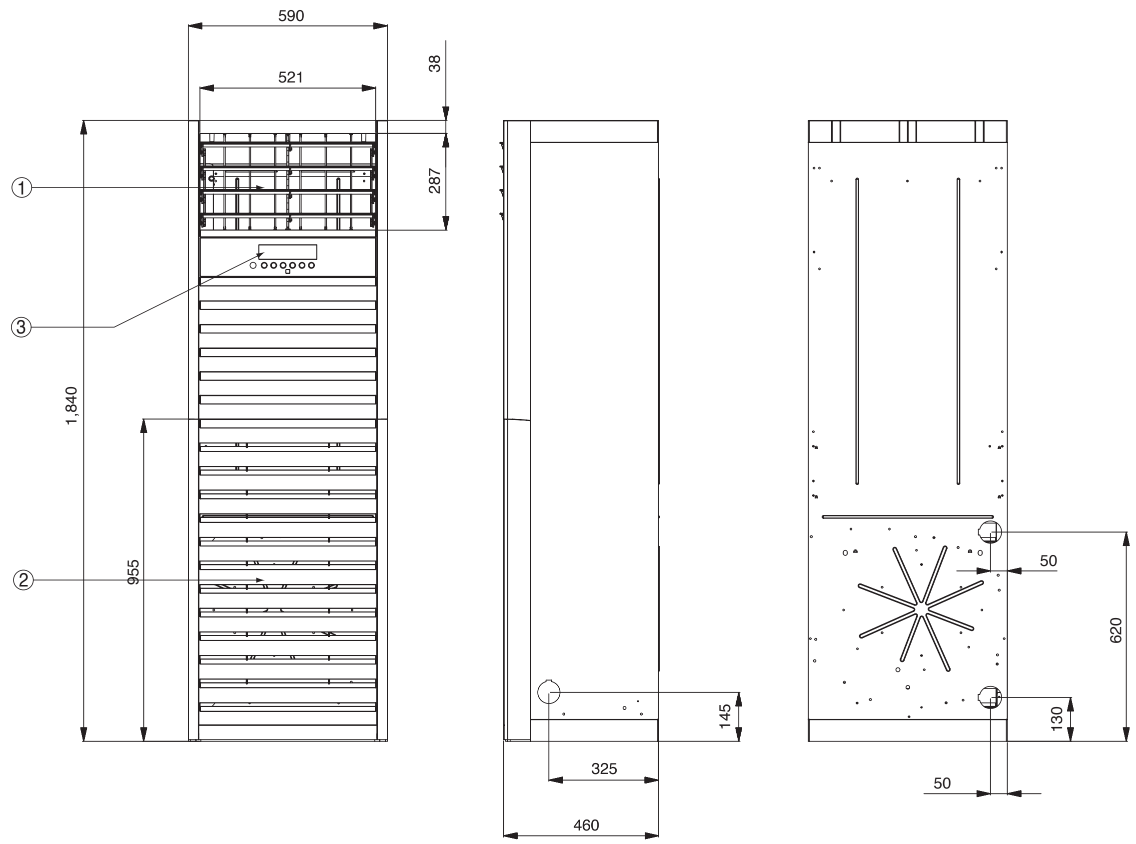


FLOOR STANDING

UP48 NT2

(Unit : mm)

	Part Name
1	Front air discharge grille
2	Display Single receiver
3	Air suction grille



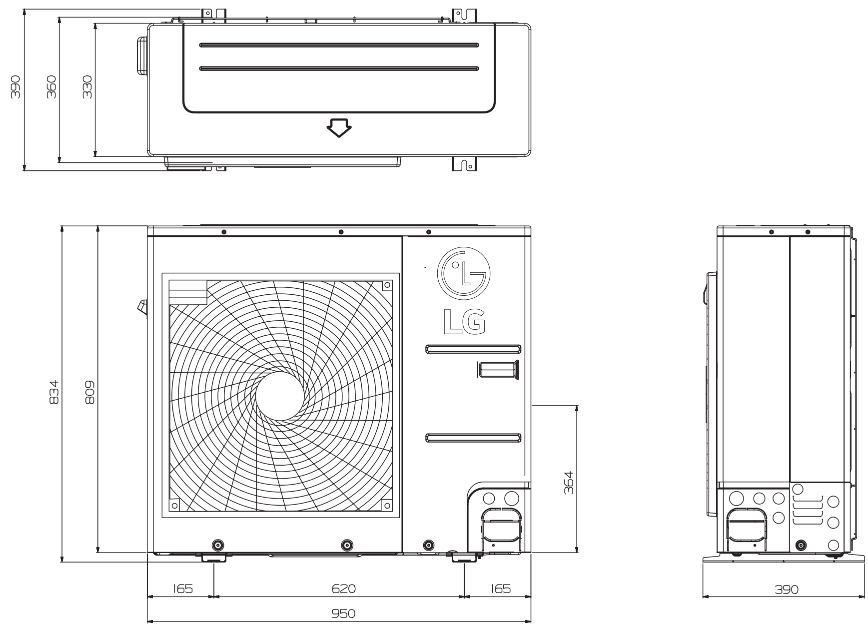
SINGLE SPLIT DIMENSIONS

UNIVERSAL OUTDOOR

UU24W U44 / UU30W U44 / UU36WC U40

(Unit : mm)

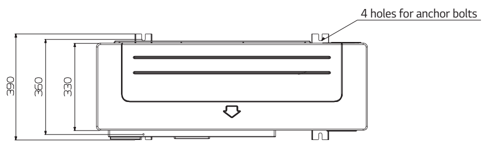
	Part Name
1	Air discharge grille
2	Liquid pipe connection
3	Gas pipe connection
4	Power Transmission connection
5	Earth screw

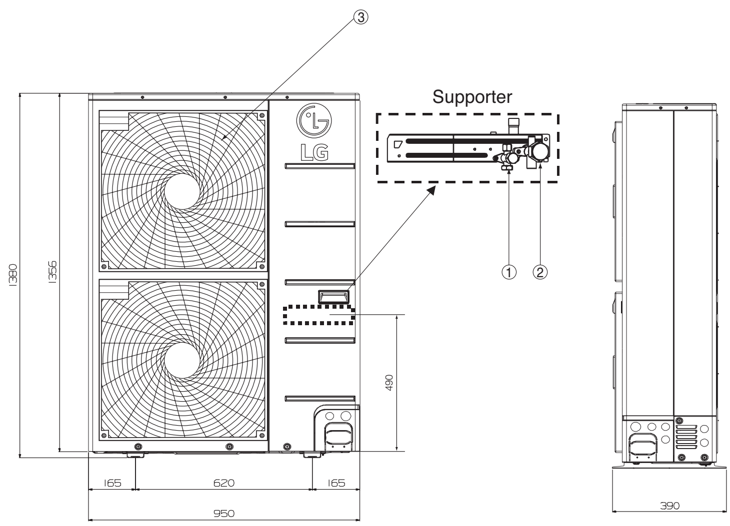


UU42W U32 / UU48W U32 /UU60W U32 / UU43W U32 / UU49W U32 / UU61W U32 / UU70W U34

(Unit : mm)

	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power Transmission connection



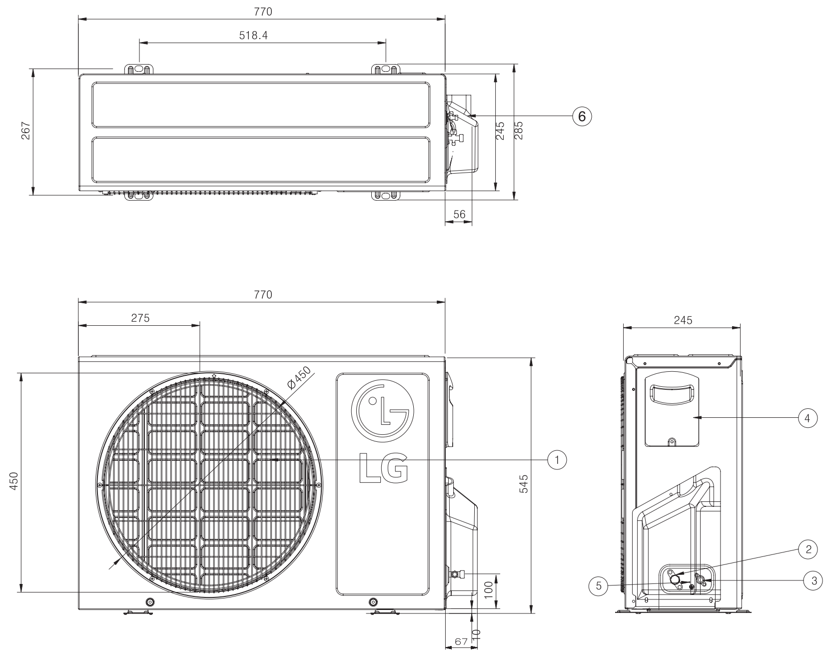


UNIVERSAL OUTDOOR

UU09W ULD / UU12W ULD

(Unit : mm)

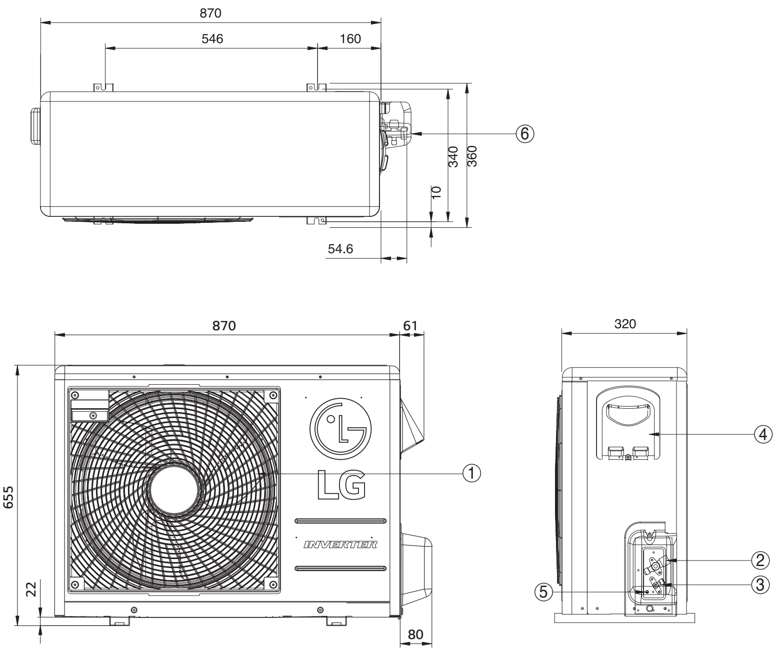
	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power Transmission connection
5	Earth screw
6	Service valve cover



UU18W UE4

(Unit : mm)

	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power Transmission connection
5	Earth screw
6	Service valve cover



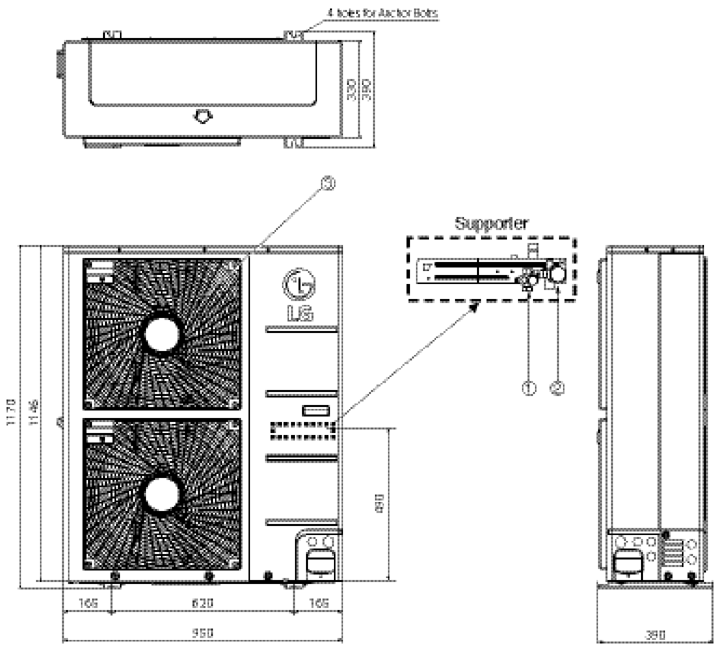
SINGLE SPLIT DIMENSIONS

UNIVERSAL OUTDOOR

UU36W UO4 / UU37W UO4

(Unit : mm)

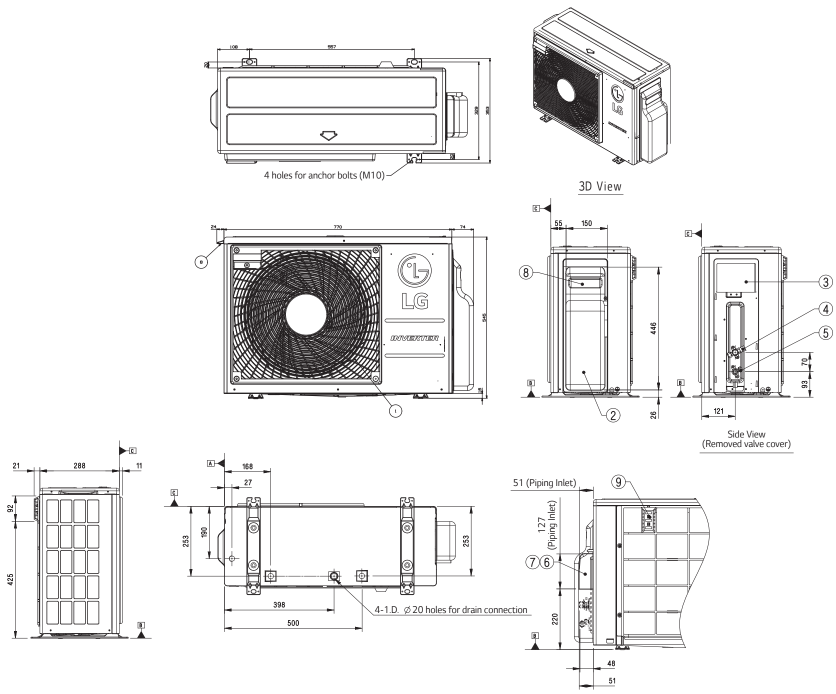
	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power Transmission connection



UU18WC UL0

(Unit : mm)

	Part Name
1	Air Outlet
2	Control cover Service valve cover
3	Power and communication cable connection
4	Gas Pipe connetion
5	Liquid Pipe connection
6	Power and Communication cable routing hole
7	Refrigerant pipe rouing hole
8	Handle
9	Intake air temperature sensor cover

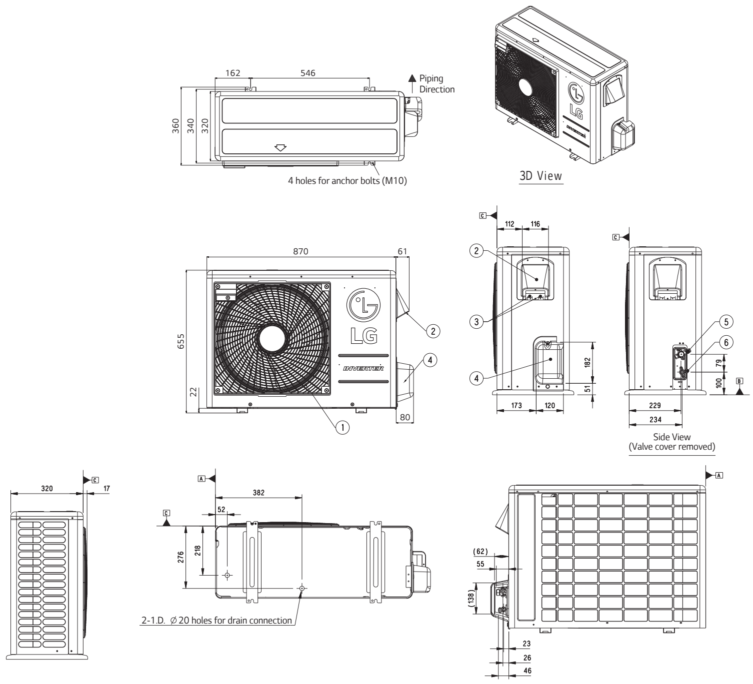


UNIVERSAL OUTDOOR

UU24WC UE0 / UU30WC UE0

(Unit : mm)

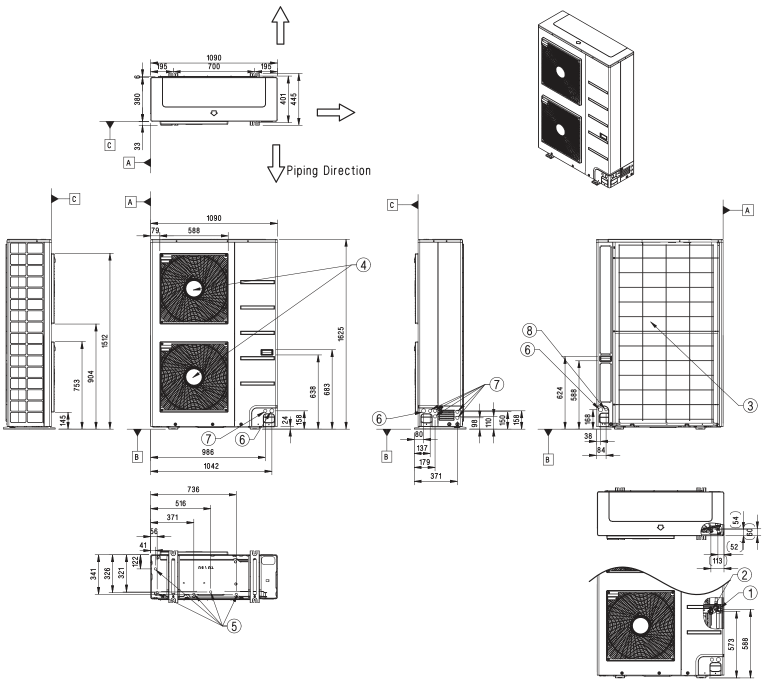
	Part Name
1	Air Oulet
2	Control Cover
3	Power and communication Cable Hole
4	Service Valve cover
5	Gas Pipe Connection
6	Liquid Pipe Connection



UU85W U74

(Unit : mm)

	Part Name
1	Gas piping connection
2	Liquid piping connection
3	Air Inlet
4	Air Outlet
5	Drain Hole
6	Power and communication Cable Hole
7	Power and communication Cable Hole
8	Power and communication Cable Hole

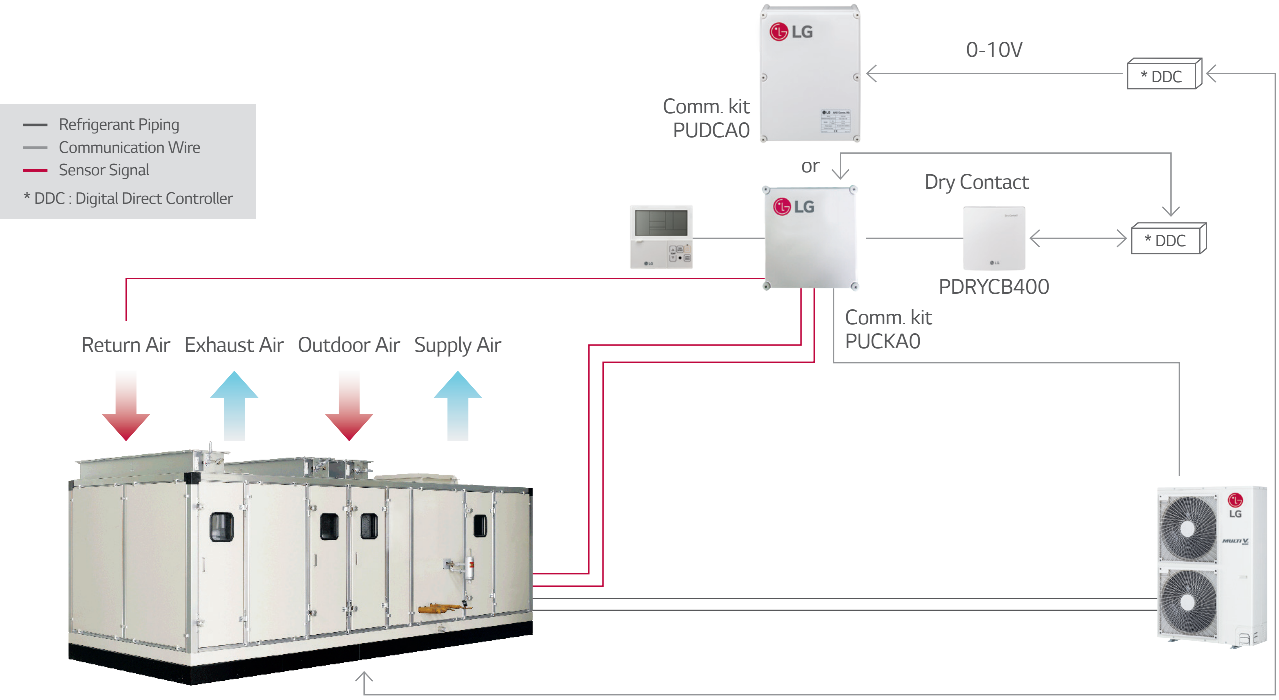


AHU SOLUTION

AHU COMBINATION

Air Handling Applications

Economic solution for pair application with air handling units.



* AHU : Air Handling Unit

Combination Table

STANDARD INVERTER (1-phase)

			UU18W UE4	UU24W U44	UU30W U44	UU36W UO2	UU42W U32	UU48W U32	UU60W U32
Capacity	Cooling	kW	4.7	7.7	8.0	10.0	12.5	13.9	14.6
	Heating	kW	5.5	8.0	9.0	11.0	14.0	15.4	16.9
AHU Kit	PUCKA0		•	•	•	•	•	•	•
	PUDCA0		•	•	•	-	-	-	-

STANDARD INVERTER (3-phase)

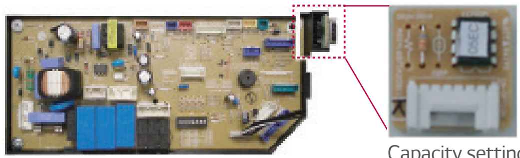
			UU37W UO2	UU43W U32	UU49W U32	UU61W U32	UU70W U34	UU85W U74
Capacity	Cooling	kW	10.0	12.5	13.9	14.6	19.0	23.0
	Heating	kW	11.0	14.0	15.4	16.9	22.4	27.0
AHU Kit	PUCKA0		•	•	•	•	•	•
	PUDCA0		-	-	-	-	•	•

SINGLE SPLIT AHU SOLUTION

AHU COMMUNICATION KITS

PUCKA0

PUDCA0



(Main PCB)

Capacity setting 'Option PCB'

Specifications

INDOOR	MODEL NAME	Combination				CB09L N12	Dimensions (mm)		
		OUTDOOR UNIT	EEV KIT	EXPANSION KIT	CENTRAL CONTROLLER		W	H	D
Communication Kit	PUCKA0	Single Split	-	-	●	Return / Room air control by remote controller or dry contact	280	135	280
	PUDCA0	Single Split	-	-	-	Return / Room air or supply (Capacity) control by DDC	330	180	430

Function list for Communication kit

● : Available ▲ : Dry Contact is needed - : Not available

	LIST	DESCRIPTION	PUCKA0		PUDCA0			
			AVAILABILITY	TYPE	AVAILABILITY	TYPE	MIN	MAX
Controlling	Outdoor Unit Operation	On / Off	•	By wired controller*	•	Digital input** (Non voltage)	-	-
	Mode	Fan only / Heating / Cooling	•	By wired controller	•	Digital input (Non voltage)	-	-
	Fan Step	High / Mid / Low (3 steps)	•	By wired controller	•	Digital input (Non voltage)	-	-
	Room Temperature Control	Cooling 18 ~ 30°C, Heating 16 ~ 30°C	•	By wired controller	•	Analog input	0 V	0 V
	Supply Air Temperature (by Outdoor Capacity Control)	Compressor Off, Compressor Off Fan Off, 40 ~ 100% Capacity Control	-	-	•	Analog input	0 V	0 V
Monitoring	Outdoor Unit Operation	On / Off	-	-	•	Digital output** (Non voltage)	Max : AC 250V, DC 30V, 1A	
	AHU Communication Kit Operation	On / Off	-	-	•	Digital output (Non voltage)	Max : AC 250V, DC 30V, 1A	
	Outdoor Mode	Fan / Defrost / Cooling / Heating	-	-	•	Digital output (Non voltage)	Max : AC 250V, DC 30V, 1A	
	Fan Mode	High / Mid / Low (3 Steps)	•	Digital output (Non voltage)	•	Digital output (Non voltage)	Max : AC 250V, DC 30V, 1A	
	Error Status	No Error / Error Occurred	▲***	Dry Contact	•	Digital output (Non voltage)	Max : AC 250V, DC 30V, 1A	

Note : PUCKA0 is controlled by remote controller (default) and Dry Contact, PUDCA0 is controlled by external input (default) and wired remote controller
* Optional accessory, recommended model : PREMTB001, PREMTBB01 ** Binary input and output (Open and short), DO is normal open *** Recommended model : PDRYCB000

Capacity selection

When selecting evaporator, change "Option PCB" in communication kit according to below table. (Basic "Option PCB" is for kBtu/h)

Option PCB	Outdoor Unit Capacity		Recommended Heat Exchanger Volume (10^{-3} x m^3)	Maximum Heat Exchanger Capacity (kW)	Air Flow Rate (CMM)	Applicable Outdoor Units	
	kBtu/h	kW				PUCKA0	PUDCA0
						Standard Inverter	Standard Inverter
EBR65102901	12	3.5	2.2	3.5	9 ~ 10	•	-
EBR65102902	18	5.0	2.4	5.0	13 ~ 16.5	•	•*
EBR65102903	24	7.1	2.6	7.1	14 ~ 18	•	•*
EBR65102904	30	8.0	2.9	8.0	20 ~ 26.5	•	•*
EBR65102905	36	10.0	3.1	10.0	26.5 ~ 32	•	-
EBR65102906	42	12.5	3.4	12.5	28 ~ 36	•	-
EBR65102907	48	14.0	4.0	14.0	30 ~ 40	•	-
EBR65102908	60	15.0	4.7	15.0	40 ~ 50	•	-
EBR77627409	70	19.0	5.2	20.0	60 ~ 70	•	•
EBR77627406	85	23.0	5.9	23.0	64 ~ 80	•	•

1) Evaporator Saturated Temperature = 6oC, Air Temperature = 27oC DBT / 19oC WBT 2) Combination allowed only for air-to-air system.
* UU18W.UE4 / UU24W.U44 / UU30W.U44 Available

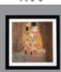
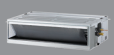
MULTI SPLIT

MULTI SPLIT

LINE-UP

○ Single Only ○● Compatible ● Multi Only

INDOOR UNIT

Category		kBtu/h / kW	5 / 1.5	7 / 2.1	9 / 2.6	12 / 3.5	15 / 4.2	18 / 5.3	24 / 7.0
Wall Mounted Unit	Artcool Gallery				● MA09AH1	● MA12AH1			
	Artcool Mirror	2017 NEW 		● AM07BP	○● AM09BP	○● AM12BP		○● AM18BP	● AM24BP
	Deluxe	2017 NEW 		● DM07RP	○● DM09RP	○● DM12RP		○● DM18RP	○● DM24RP
	Standard Plus	2017 NEW 	● PM05SP	● PM07SP	○● PM09SP	○● PM12SP	● PM15SP	○● PM18SP	○● PM24SP
Ceiling Mounted Cassette	1 Way Cassette				● MT09AH	● MT11AH			
	4 Way Cassette		● MT06AH	● MT08AH	● CT09	● CT12		● CT18	● CT24
Ceiling Concealed Duct	Mid / High Static Pressure							● CM18	● CM24
	Low Static Pressure				● CB09L	● CB12L		● CB18L	● CB24L
Ceiling Floor Convertible Unit / Ceiling Suspended Unit					● CV09	● CV12		● CV18	● CV24
Console					● CQ09	● CQ12		● CQ18	

OUTDOOR UNITS

Category			k Btu/h / kW	14 / 4.1	16 / 4.7	18 / 5.3	21 / 6.2	24 / 7.0	27 / 7.9	30 / 8.8	40 / 11.7	46 / 13.5	48 / 14.1	57 / 16.7
Multi	Multi Piping	Max. 2 IDUs (1Ø)	2017 NEW 	● MU2M15	● MU2M17									
		Max. 3 IDUs (1Ø)	2017 NEW 			● MU3M19	● MU3M21							
		Max. 4 IDUs (1Ø)	2017 NEW 					● MU4M25	● MU4M27					
		Max. 5 IDUs (1Ø)	2017 NEW 							● MU5M30	● MU5M40			
	DB Box Type	Max. 7 IDUs (1Ø, 3Ø)									● FM40AH	● FM41AH		
		Max. 8 IDUs (1Ø, 3Ø)											● FM48AH FM49AH	
		Max. 9 IDUs (1Ø, 3Ø)												● FM56AH FM57AH

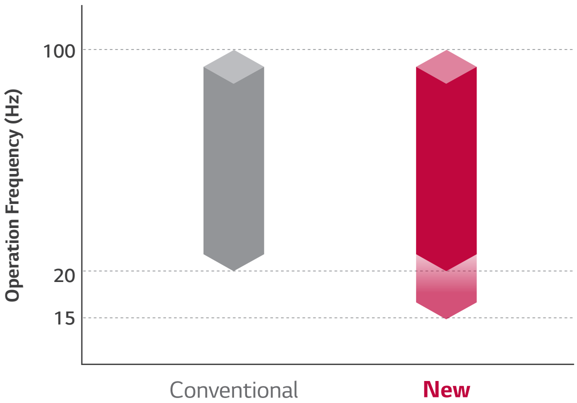
FEATURE OVERVIEW

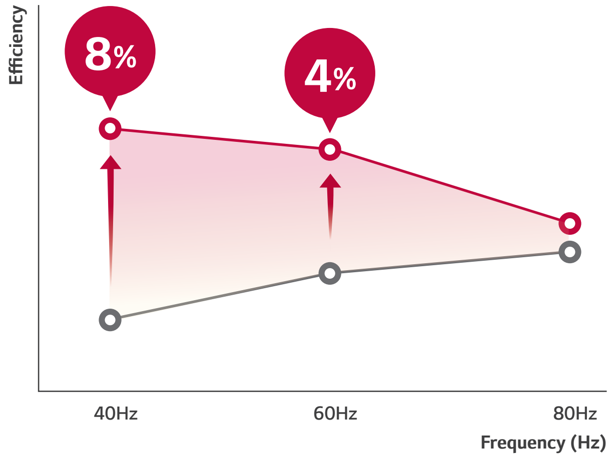
Category		MULTI PIPING								DB BOX TYPE			
kBtu/h		14	16	18	21	24	27	30	40	40	46	48	57
kW		4.1	4.7	5.3	6.2	7.0	7.9	8.8	11.7	11.7	13.5	14.1	16.7
Energy Efficiency	BLDC Comp. Fan Motor	•	•	•	•	•	•	•	•	•	•	•	•
	Eurovent Certi.	•	•	•	•	•	•	•	•	•			
	Wide Louver Plus Fin	•	•	•	•	•	•	•	•	•	•	•	•
	Optimised Heat Exchanger Path	•	•	•	•	•	•	•	•	•	•	•	•
	Smart Load Control			•	•	•	•	•	•	•			
	Peak Current Control	•	•	•	•	•	•	•	•	•	•	•	•
	Standby Mode	•	•	•	•	•	•	•					
	Mode Lock	•	•	•	•	•	•	•	•	•	•	•	•
	Save Energy in Small Spaces	•	•	•	•	•	•	•	•	•	•	•	•
Fast Cooling Heating	Quick Cooling Heating			•	•	•	•	•	•	•	•	•	•
	Forced Cooling Operation	•	•	•	•	•	•	•	•	•	•	•	•
Comfort	Night Silent Operation	•	•	•	•	•	•	•	•	•	•	•	•
	Improved Grille Fan	•	•	•	•	•	•	•	•	•	•	•	•
Smart	Wi-Fi Control	•	•	•	•	•	•	•	•	•	•	•	•
	Outdoor Dry Contact			•	•				•	•			
	Wiring Error Check	•	•	•	•	•	•	•	•	•	•	•	•
	Easy to Access PCB	•	•	•	•								
	LG MV	•	•	•	•	•	•	•	•	•	•	•	•

ENERGY EFFICIENCY

BLDC (Brushless Direct Current Motor) Compressor

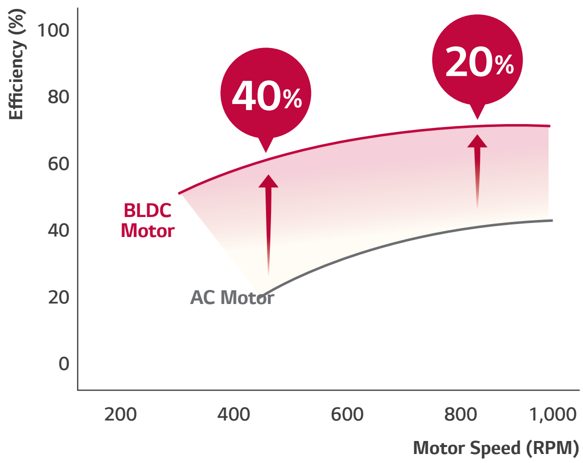
LG air conditioners are equipped with a BLDC compressor that uses a strong neodymium magnet.
The compressor has improved efficiency compared to standard AC inverter products and it is optimised for seasonal efficiency.
LG's Multi Split Compressors come with a 10 year warranty.





BLDC Fan Motor

The BLDC Fan motor is more efficient than a conventional AC motor, offering an additional 40% energy savings at low speeds and 20% at high speeds.



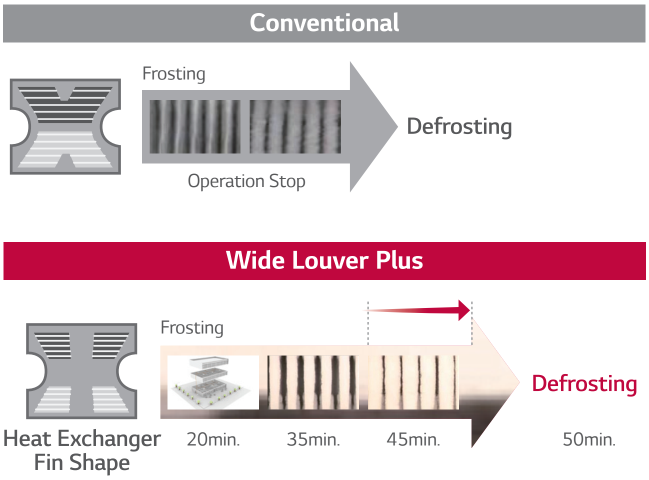
Eurovent Certification

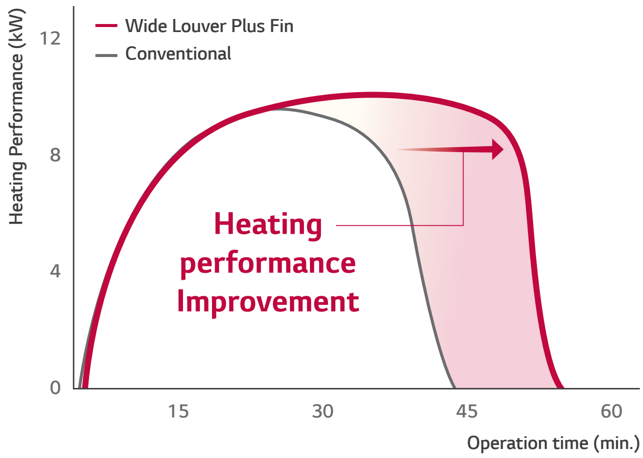
LG Electronics participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification :
www.eurovent-certification.com

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

Wide Louver Plus Fin

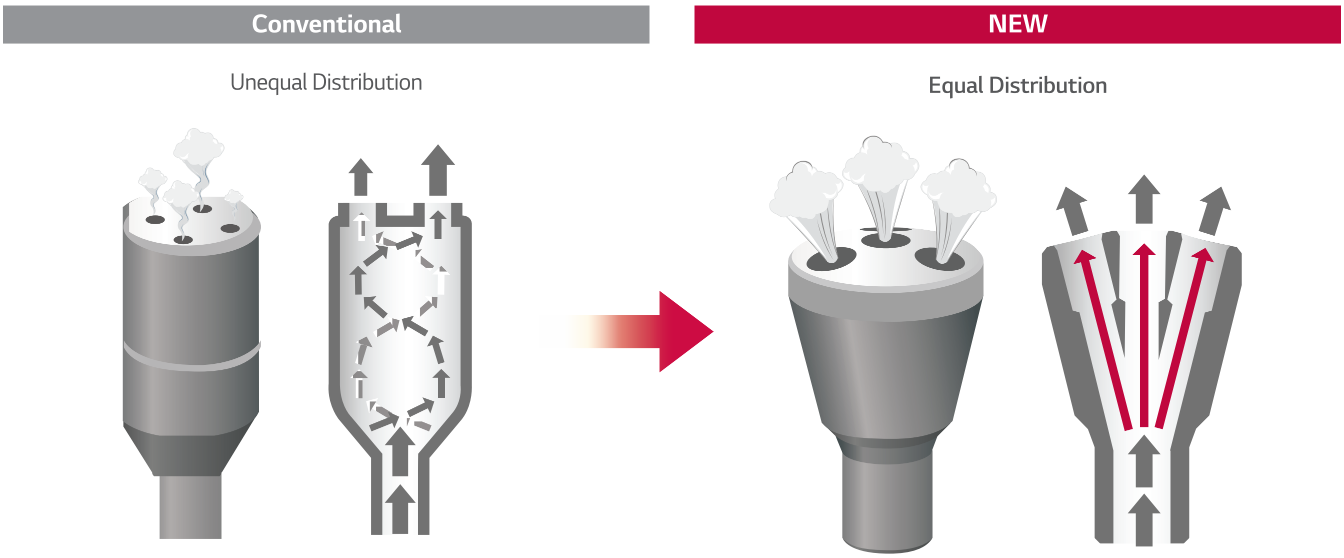
Wide Louver Plus fin technology increases 11% of full load heating performance and 6% of COP compared to conventional fin.
It can slow down frosting of heat exchanger and postpone the start of defrosting operation.





Optimised Heat Exchanger Path

Optimised heat exchanger path improved cycle efficiency up to 5%.

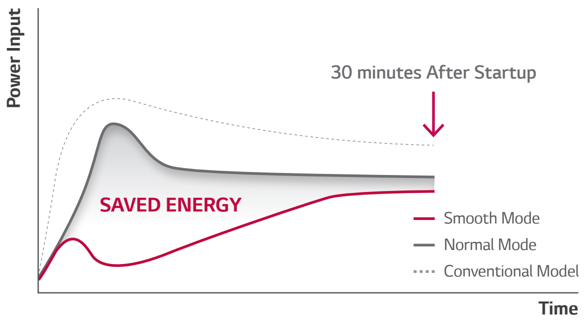


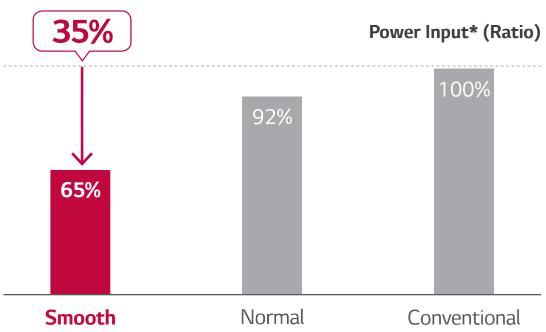
ENERGY EFFICIENCY

Smart Load Control

Startup Operation Energy Saving

If you choose "Smooth mode" by dip switch at ODU, the loads and discharge air temperature will be automatically changed by outdoor and setting temperature. During 30 minutes after startup, you can save 35% power input compared to conventional one.

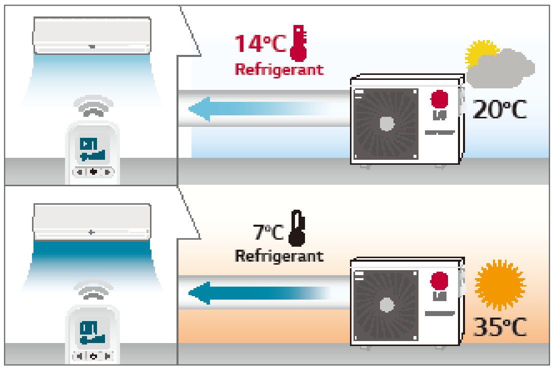


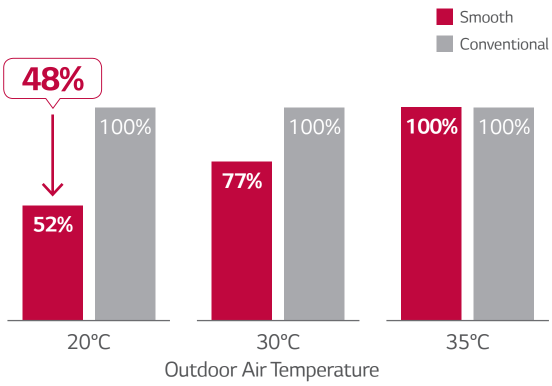


* This image is a schematic diagram to help you understand, represent the trend of the conventional model and the new model.

Real Time Energy Saving

After started up 30 minutes on Smooth mode, ODU changes indoor discharge air temperature continuously according to load.

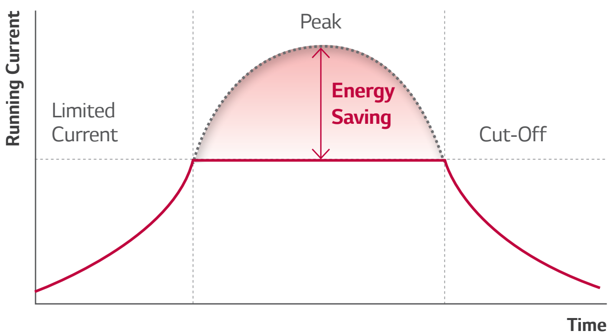




* Applied Models : MU3M19 UE4 / MU3M21 UE4 / MU4M25 U44 / MU4M27 U44 / MU5M30 U44 / MU5M40 U02 / FM40AH UO2
* Tested Model / Condition : MU3M19 UE4 / ISO 5151

Peak Current Control

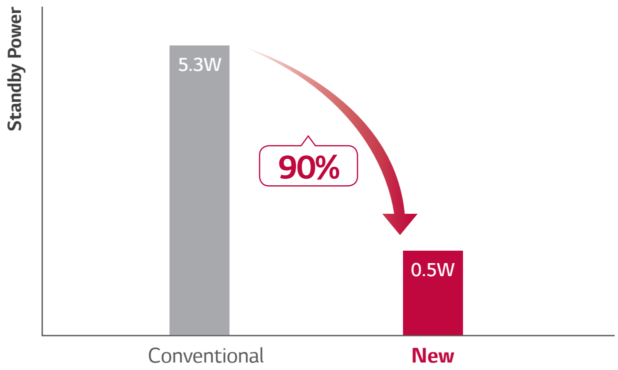
The peak current control function keeps the air conditioner from running at the maximum level while maintaining current system setting, in order to reduce energy consumption. This function can help to cut energy costs during the peak periods of energy use when the energy fee is much higher.



Standby Mode

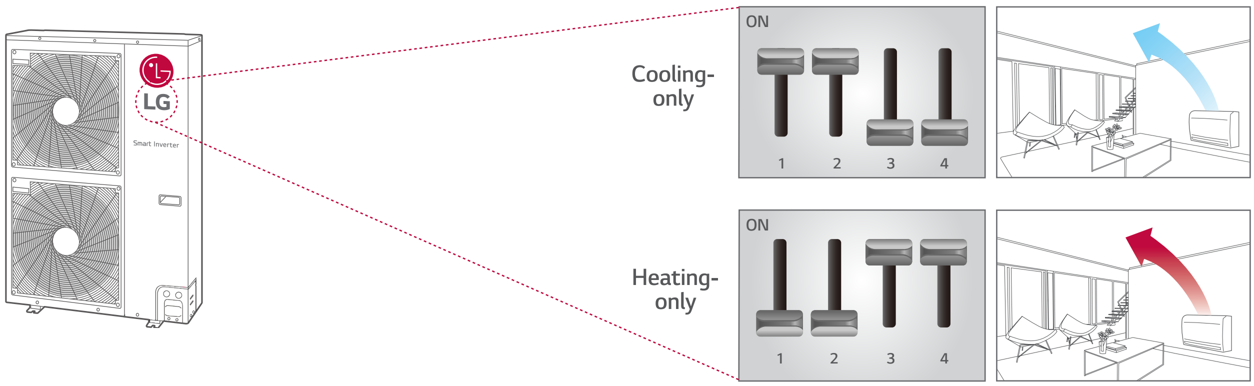
This function can minimise power consumption by turning power off on the PCB except for the MICOM which receives signals.

* Based on MU3M19 UE4



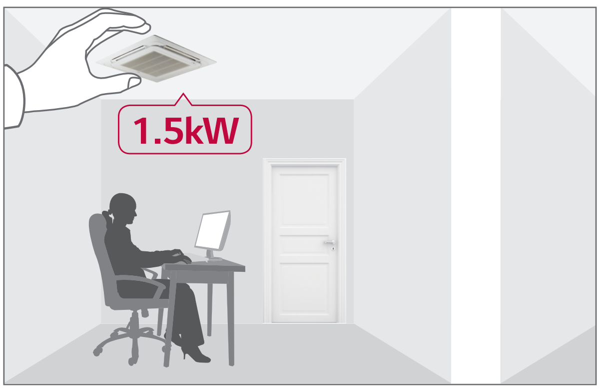
Mode Lock

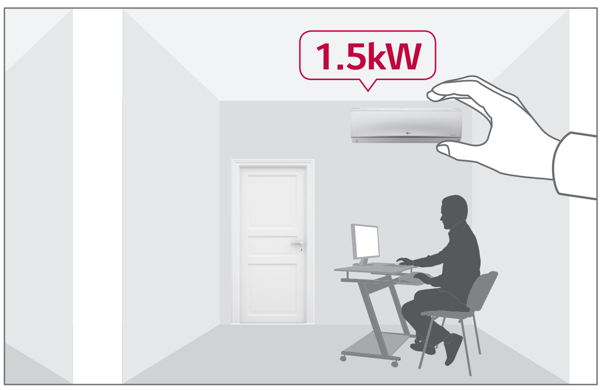
Setting operation mode to either cooling-only or heating-only by adjusting dip switch, in order to prevent mixed use of cooling and heating.



Save Energy in Small Spaces

LG's 1.5kW Indoor Unit (Ceiling Mounted Cassette / Wall Mounted Unit) is small enough to provide comfort cooling/heating to small spaces.

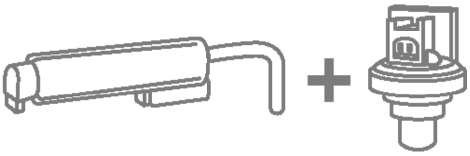




* 1.5kW : PM05SP NSJ (Wall Mounted Unit) / MT06AH NR0 (4 Way Cassette)

FAST COOLING AND HEATING

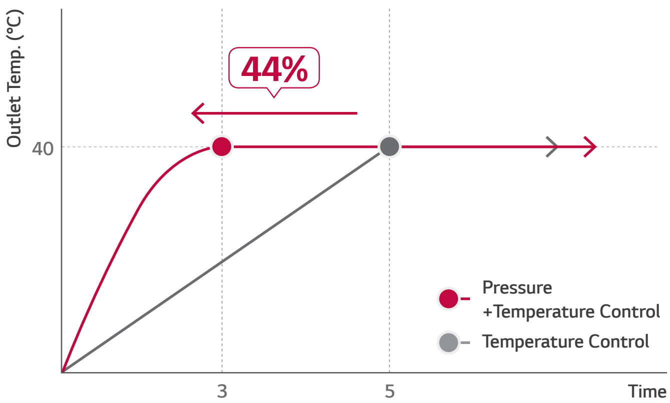
Quick Response



Conventional	LG Inverter
Step 1 Sensing current temperature of refrigerant, indoor and outdoor temperature **Step 2** **Estimating Pressure** Finding recorded target pressure to operate compressor, based on the corresponding temperature data	**Step 1** Sensing refrigerant pressure and temperature simultaneously to make sure compressor ready for target cooling operation
This algorithm is more likely to be impacted by temperature change and it takes more time to calculate proper operation range of compressor to target point.	**This ensures to reach target performance point without failing to keep a reliable operation.**

• **Heating**

Pressure control takes less time to reach the desired temperature up to 30% in cooling and 44% in heating with high level of accuracy and stability.

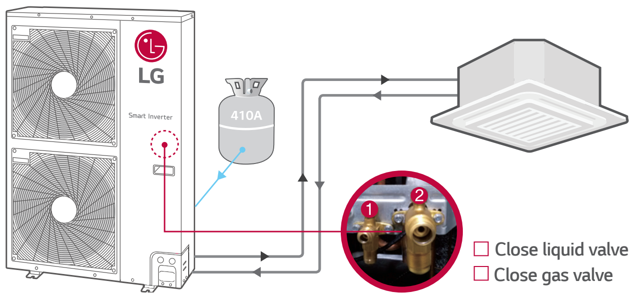


* Based on internal test data

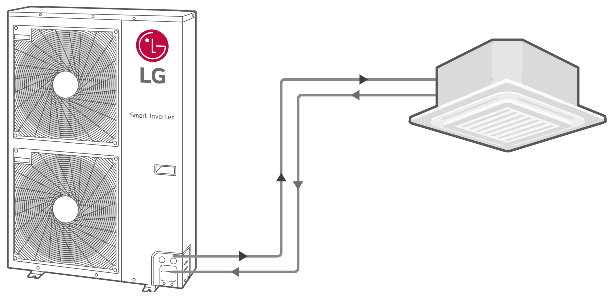
Forced Cooling Operation

The forced cooling operation allows refrigerant to be recharged or pumped down, regardless of the indoor temperature.
More importantly this function can be used when indoor units are being moved or repaired.

Recharging



Pump Down

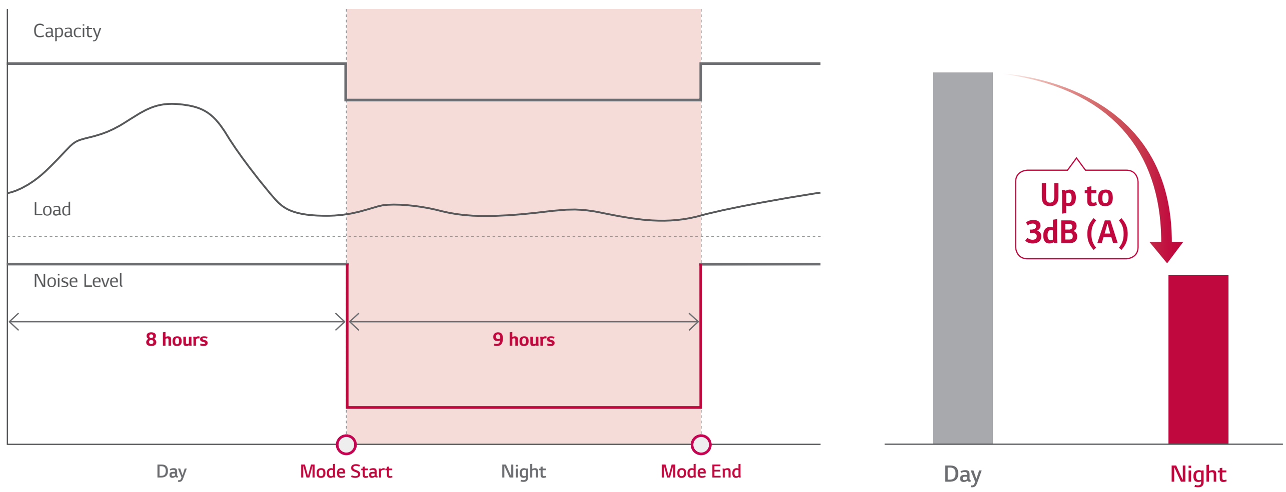


COMFORT

Night Silent Operation

Night silent operation can reduce noise levels at night time by simply setting the dip switch on the PCB of the outdoor unit.

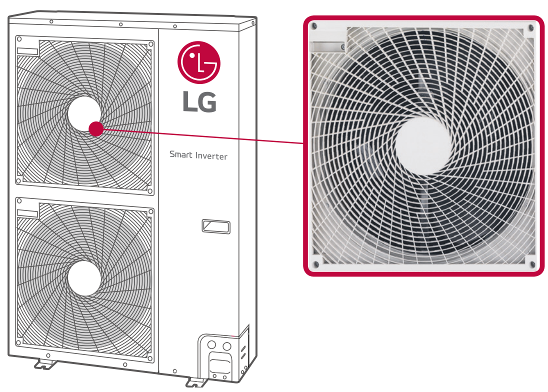
Cooling Mode

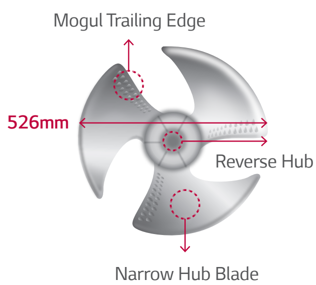


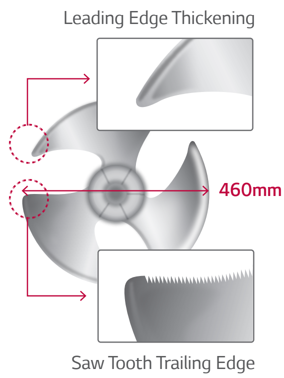
Improved Grille Fan

The new grille shape design on the outdoor unit helps to disperse air more efficiently which improves heat exchange and reduces noise level. The new axial Fan has a thick front edge and smooth rear edge, this provides a high efficiency, low noise, wide fan, as well as improving the air flow rate.

Grille	Fan Type 1	Fan Type 2







SMART

Wi-Fi Control

All of LG's MULTI SPLIT can be controlled by Wi-Fi via smart internet devices such as Android or iOS based smartphones and Intesis Wi-Fi Module. (Option)

1) Connection with Indoor Units with IR Receiver

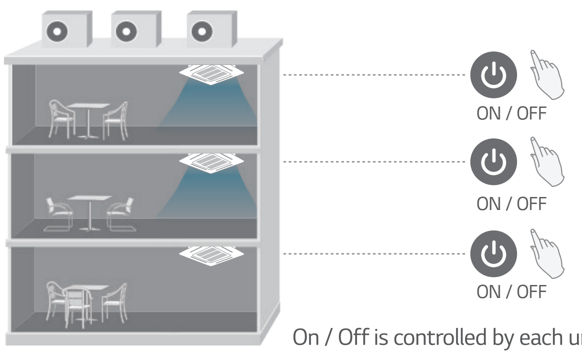
2) Connection with Duct Type Indoor Units

1) This product is provided by INTESIS. For more information, please contact INTESIS directly

Outdoor Dry Contact

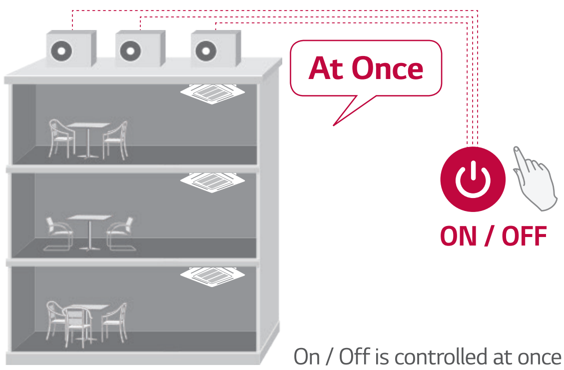
LG New models have an applied outdoor dry contact on outdoor unit. It can make you easily take on and off all indoor units at once.

Conventional



On / Off is controlled by each unit

New

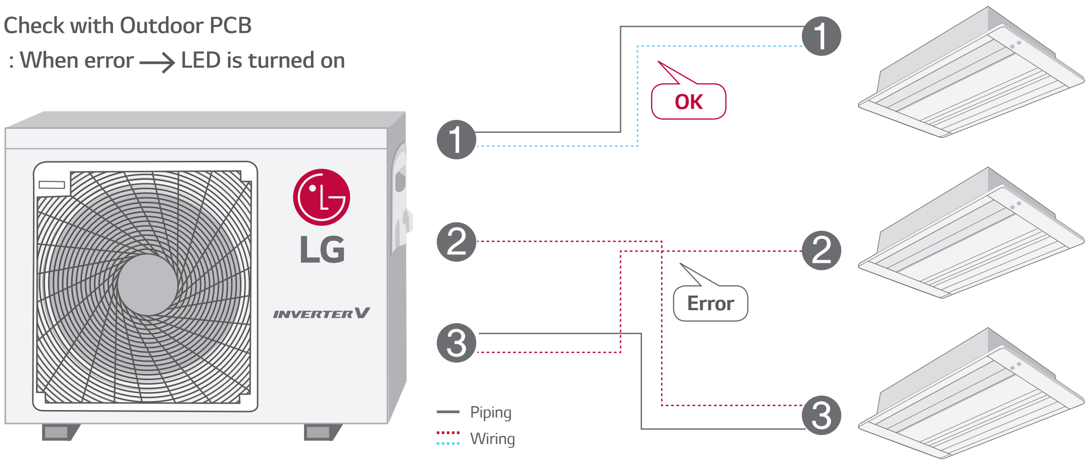


On / Off is controlled at once

* Applied Models : MU3M19 UE4 / MU3M21 UE4 / MU5M40 UO2 / FM40AH UO2

Wiring Error Check

Installers can check whether the transmission cable has been connected correctly by using the wiring error check function. Previously when the transmission cable was wrongly connected, several checks and reinstallations were needed. However the wiring error check can reduce the time taken to check for transmission cable errors.

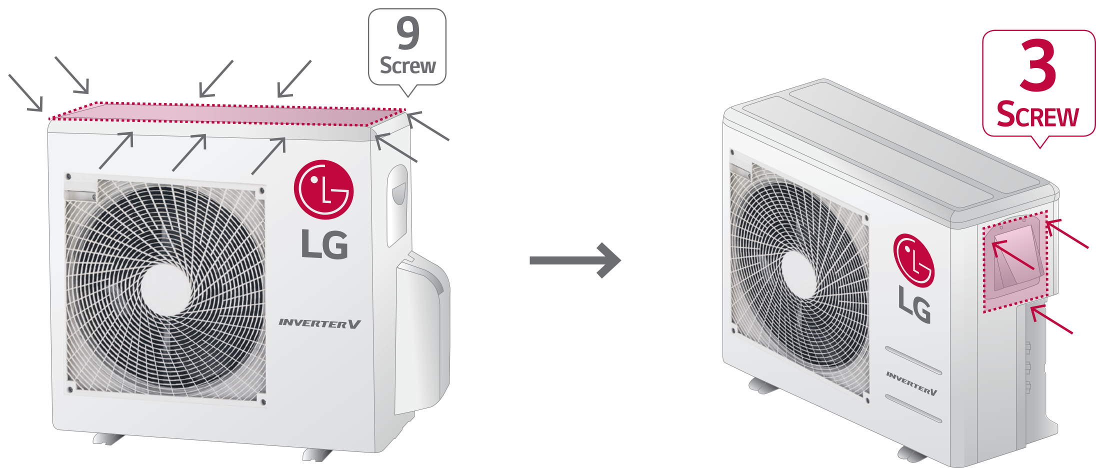


Easy to Access PCB

Users can easily access data by opening the control cover and checking the PCB on the side of the unit.

• **Easy to check PCB**

Top Cover / PCB Cover	Control Cover

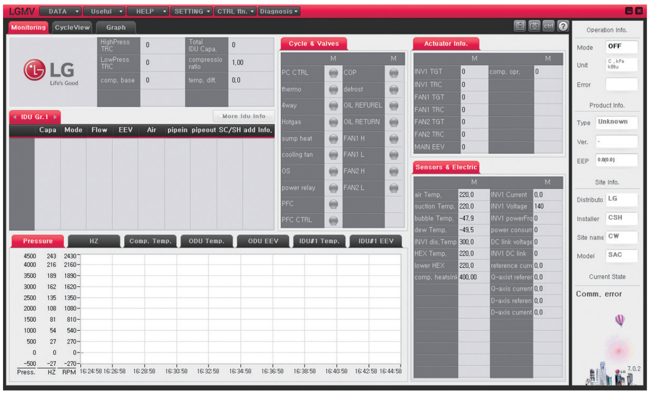


• Applied Models : MU2M15 UL4 / MU2M17 UL4 / MU3M19 UE4 / MU3M21 UE4

SMART

LG MV (Monitoring View)

LG MV helps engineers to inspect and monitor air conditioning units easily. Information is provided by product type. (SINGLE Split MULTI Split)



- IDU info.
- Cycle Valves
- Actuator info.
- Sensors Electricity
- ODU info.

LG MV provides cycle information with diagrams and the user can check accumulated data on a graph.
A technician can easily check the error status by looking at the indicator information. (Troubleshooting guide)

• Error Indicator

Error Code	Contents
01	Air temperature sensor of indoor unit
02	Inlet pipe temperature sensor of indoor unit
03	Communication error : Wired Remote Controller ⟷ Indoor Unit

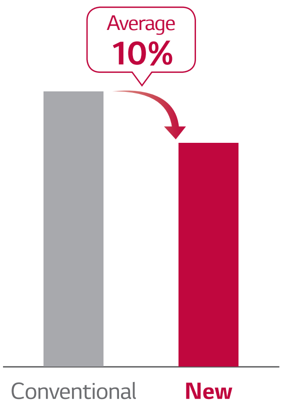
MULTI SPLIT KEY FEATURES

CONVENIENCE

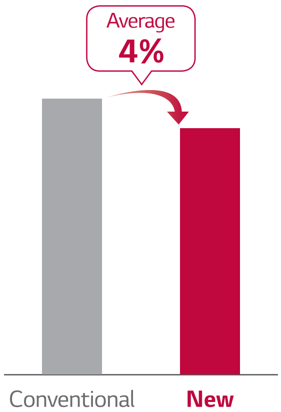
Compact Size and Light Weight

The MULTI F outdoor units are more compact and lighter compared to previous models.
The reduction in weight makes it easier to carry and install.

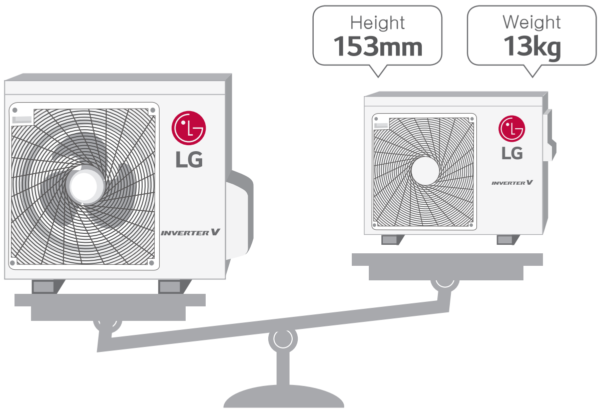
Weight



Refrigerant



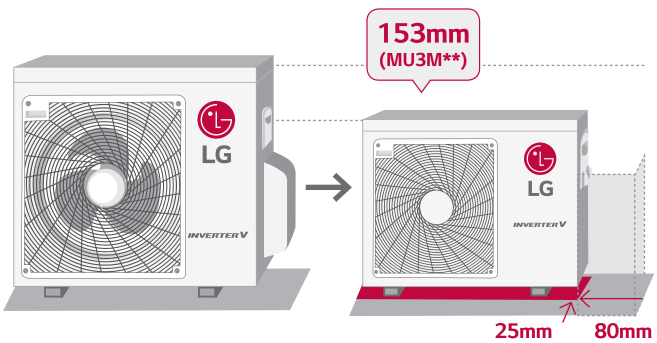
MU3M19 UE4 / MU3M21 UE4



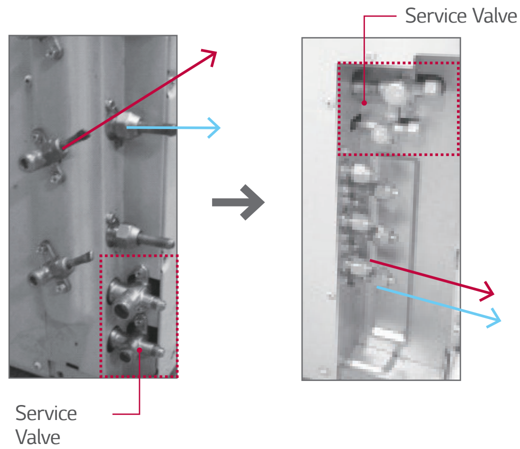
Inner Support

The Multi F outdoor has a better design so that the piping cover is enclosed and the size reduced by 80mm and 25mm at the side and back re-spectively. As a result it is possible to install the unit close to a wall.

Support Enclosed Inside



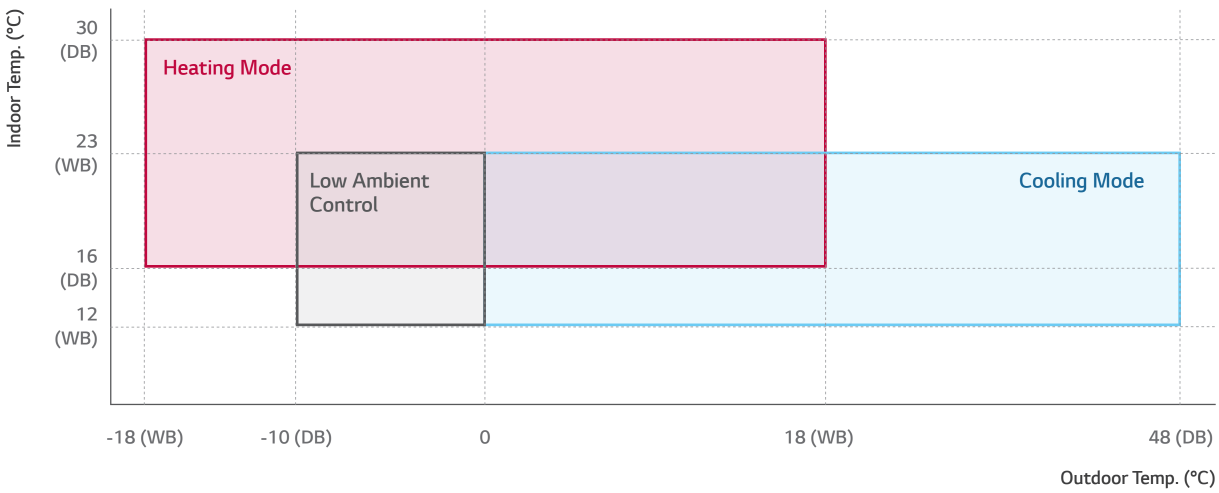
Main Service Valve Raised / Easy Manipulation

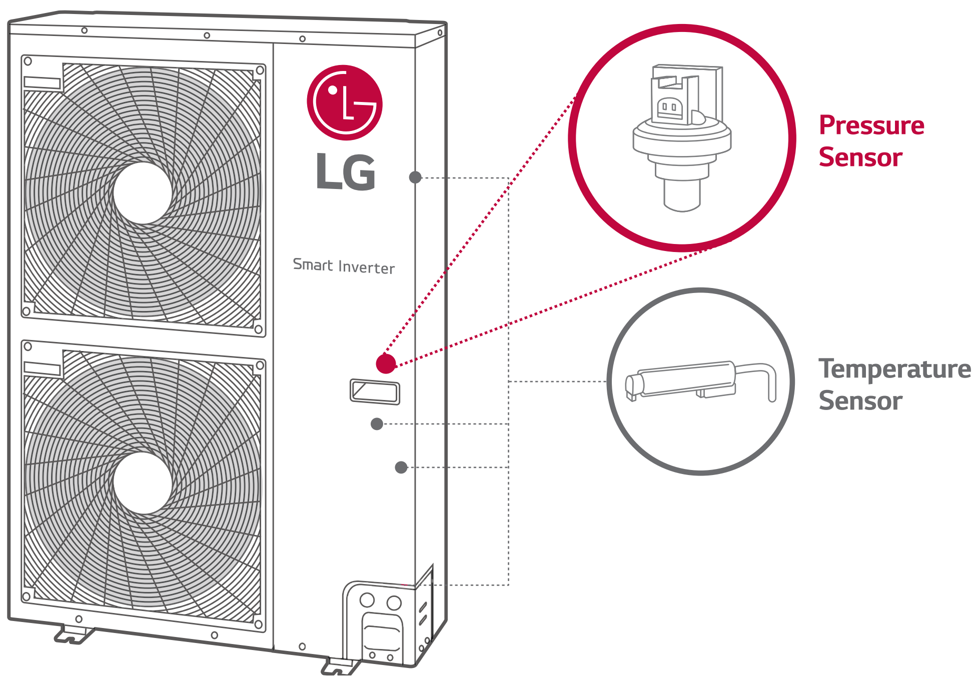


OPERATION RANGE

Wide Operation Range

Multi split has wide operation range, it can be ideal solution for sever rooms, machine rooms and kitchen.





FLEXIBLE COMBINATION

Long and High Elevation Piping

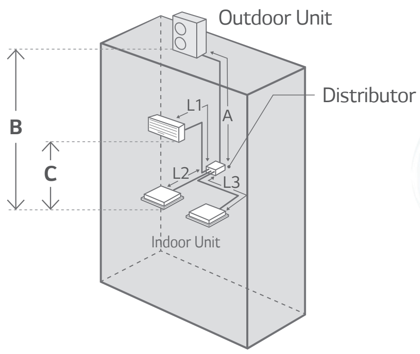
FM56AH supports piping lengths of up to 145m and elevations of up to 30m for more flexible in installations.

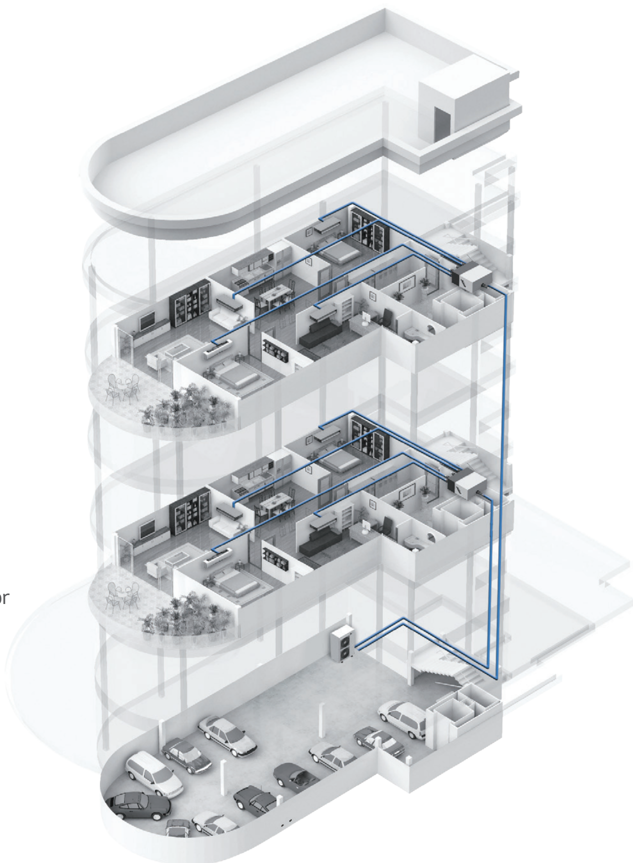
• Multiple Piping Type

(m)		MU2M15 / MU2M17	MU3M19 / MU3M21	MU4M25 / MU4M27	MU5M30	MU5M40
Total Piping Length		30	50	70	75	85
Piping Length per Branch		20	25	25	25	25
Max.Elevation	Indoor - Outdoor	15	15	15	15	15
	Indoor - Indoor	7.5	7.5	7.5	7.5	7.5

• Distribution Box Type

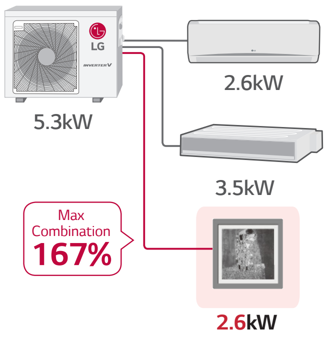
(m)		FM40AH	FM41AH	FM48AH / FM49AH	FM56AH / FM57AH
Total Pipe (A + L1 + L2 + L3)		100	125	135	145
Main Pipe (A)		50	55	55	55
Total Branch Pipe (L1 + L2 + L3)		50	70	80	90
Each Branch Pipe		15	15	15	15
Max.Elevation	Indoor - Outdoor (B)	30	30	30	30
	Indoor - Indoor (C)	15	15	15	15

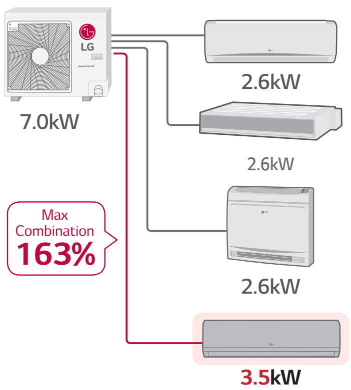


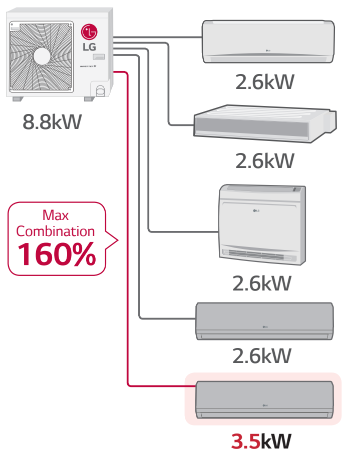


FLEXIBLE COMBINATION

Indoor Capacity Combination







Various Combinations


1 Way Cassette


Low Static Pressure Duct


Deluxe


4 Way Cassette


Ceiling Floor Convertible Unit


Standard Plus


Mid / High Static Pressure Duct

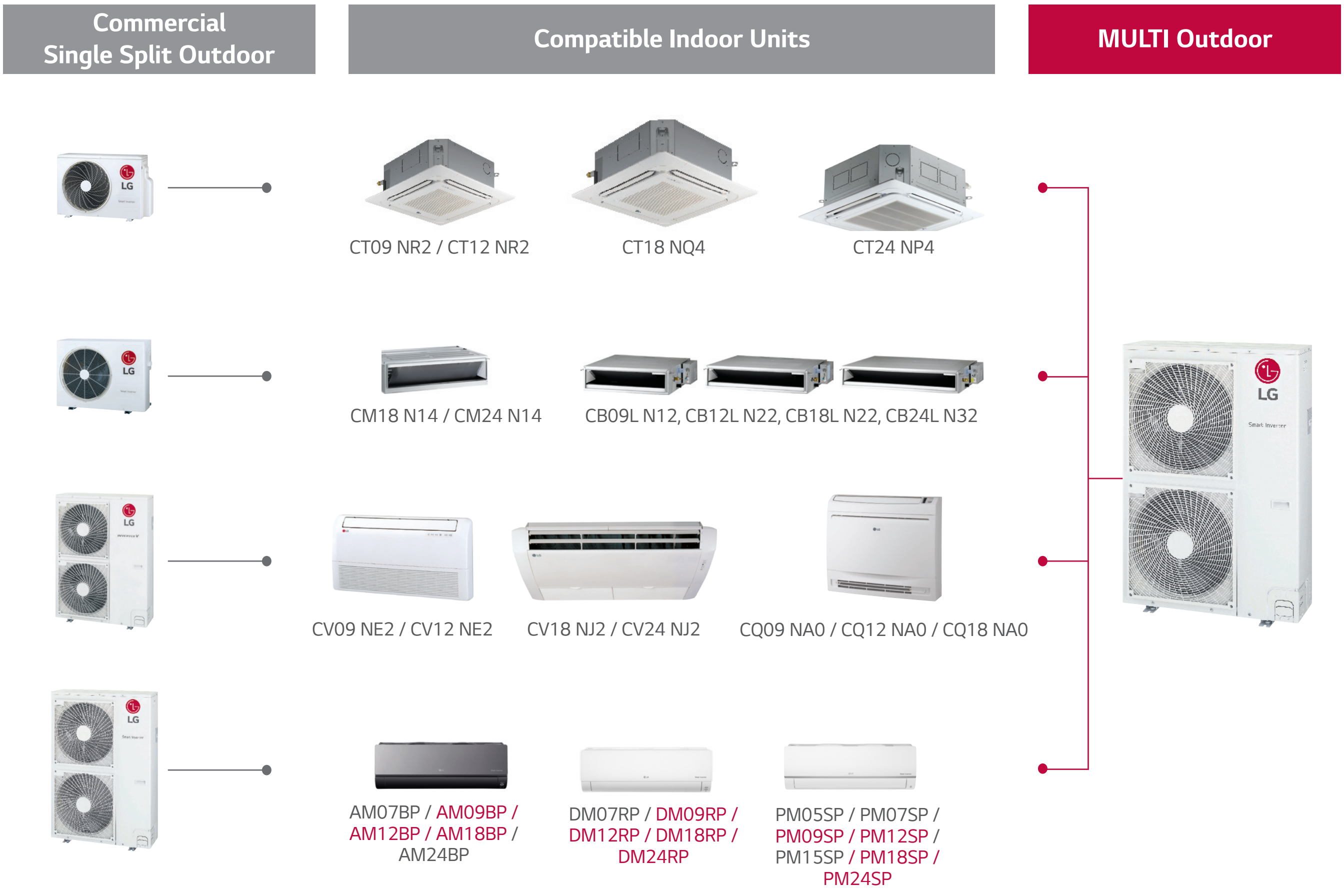

Console


Artcool

14 Outdoor Units | Over **2000** Combinations | **40 Indoor Units**

Compatible Indoor Units

A total of 9 styles of indoor units in 40 capacities are compatible with LG's Multi Split systems, of which 11 are compatible between Single Splits and Multi Splits which is more efficient for warehouses and stock control.



- Cassettes : CT09 NR2, CT12 NR2, CT18 NQ4, CT24 NP4
- Ceiling Floor / Ceiling Suspended : CV09 NE2, CV12 NE2, CV18 NJ2, CV24 NJ2
- Console : CQ09 NA0, CQ12 NA0, CQ18 NA0
- Ducts : CM18 N14, CM24 N14, CB09L N12, CB12L N22, CB18L N22, CB24L N32
- Wall Mounts : ARTCOOL Mirror / Deluxe / Standard Plus (those in red are Single Split models compatible with Multi Split)

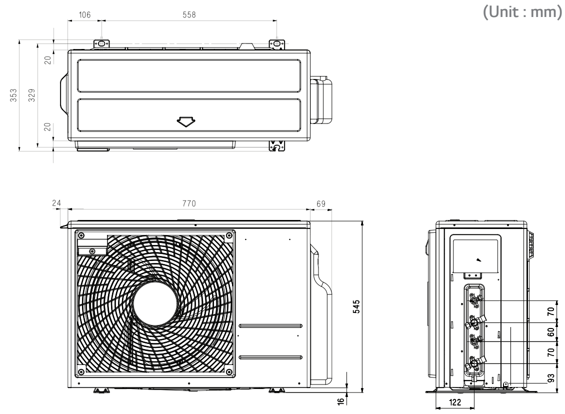
OUTDOOR UNITS

MULTI SPLIT OUTDOOR UNIT SPECIFICATION

OUTDOOR UNITS

MU2M15
MU2M17

(Unit : mm)



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OUTDOOR UNIT				MU2M15 UL4	MU2M17 UL4
Compressor	Type			Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	0.9/4.1/4.7	0.9/4.7/5.4
	Heating	Min/Nom/Max	kW	1.0/4.7/5.4	1.0/5.3/5.7
Low Temperature Capacity	Heating -7°C	Max	kW	3.3	3.7
Power Input *	Cooling	Min/Nom/Max	kW	0.2/1.0/1.4	0.2/1.3/1.7
	Heating	Min/Nom/Max	kW	0.2/1.1/1.5	0.2/1.2/1.7
Running Current	Cooling	Min/Nom/Max	A	1.1/4.6/6.4	1.1/5.6/7.9
	Heating	Min/Nom/Max	A	1.1/4.9/6.7	1.1/5.5/7.6
EER				4.15	3.75
COP				4.40	4.25
SEER				7.60	7.50
SCOP				4.20	4.20
Pdesign (@-10°C)			kW	4.1	4.1
Seasonal Energy Label	Cooling/Heating			A++/A+	A++/A+
Annual Energy Consumption	Cooling/Heating			189 / 1367	219 / 1367
Airflow Rate	Nom		m^2/min	28.2	28.2
Sound Pressure	Cooling	Nom	dBA	48	48
	Heating	Nom	dBA	51	51
Sound Power	Cooling	Max	dBA	61	63
Dimensions	W x H x D		mm	770 x 545 x 288	770 x 545 x 288
Net Weight			Kg	37	37
Refrigerant	Type / Charge Kg- TCO			R410A	R410A
	Charge		Kg	1.4	1.4
	Additional Charge		g/m	20	20
	GWP			2,087.5	2,087.5
	t-CO_2 eq			2.9	2.9
Operation Range(Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18
Power Supply			Ø/V/Hz	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm^2	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm^2	4Cx0.75	4Cx0.75
Maximum Running Current			A	9.4	9.4
Maximum Circuit Breaker Rating			A	15	15
Piping Length Total			m	30	30
Piping Length per Branch		Max	m	20	20
Piping Elevation Difference	IDU-ODU	Max	m	15	15
	IDU-IDU	Max	m	7.5	7.5
Piping Connection	Liquid		mm(inch)xNo.	Ø6.35 (1/4)x2	Ø6.35 (1/4)x2
	Gas		mm(inch)xNo.	Ø9.52 (3/8)x2	Ø9.52 (3/8)x2

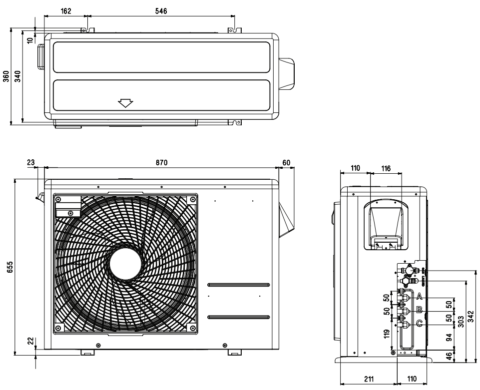
Notes : 1. Capacities are based on the following conditions:
Heating: - Indoor Temperature 20°C(68°F) DB/15°C(59°F) WB
- Outdoor Temperature 7°C(44.6°F) DB/6°C(42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m
- Level Difference of Zero
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected
5. Minimum combination capacity rate should be more than 40%
6. This product contains fluorinated greenhouse gases (R410A)

MULTI SPLIT OUTDOOR UNIT SPECIFICATION

OUTDOOR UNITS

MU3M19
MU3M21

(Unit : mm)



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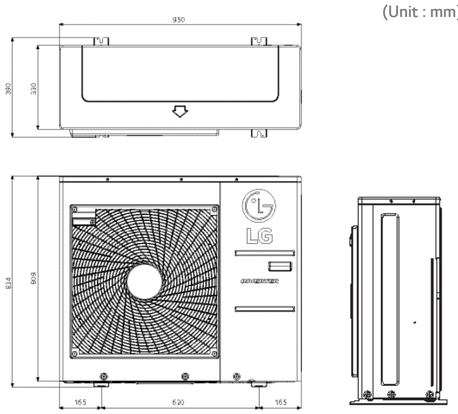
OUTDOOR UNIT				MU3M19 UE4	MU3M21 UE4
Compressor	Type			Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	1.1/5.3/6.3	1.1/6.2/7.3
	Heating	Min/Nom/Max	kW	1.2/6.3/7.3	1.2/7.0/7.8
Low Temperature Capacity	Heating -7°C	Max	kW	4.4	4.9
Power Input *	Cooling	Min/Nom/Max	kW	0.3/1.3/1.8	0.3/1.6/2.2
	Heating	Min/Nom/Max	kW	0.3/1.5/2.1	0.3/1.7/2.4
Running Current	Cooling	Min/Nom/Max	A	1.2/5.8/8.7	1.2/7.2/10.0
	Heating	Min/Nom/Max	A	1.2/6.8/9.7	1.2/7.7/11.0
EER				4.20	4.00
COP				4.30	4.20
SEER				7.60	7.30
SCOP				4.21	4.21
Pdesign (@-10°C)			kW	5.2	5.2
Seasonal Energy Label	Cooling/Heating			A++/A+	A++/A+
Annual Energy Consumption	Cooling/Heating			243 / 1729	283 / 1729
Airflow Rate	Nom		m^2/min	50	50
Sound Pressure	Cooling	Nom	dBA	49	50
	Heating	Nom	dBA	54	54
Sound Power	Cooling	Max	dBA	63	64
Dimensions	W x H x D		mm	870 x 655 x 320	870 x 655 x 320
Net Weight			Kg	45	45
Refrigerant	Type / Charge Kg- TCO			R410A	R410A
	Charge		Kg	1.7	1.7
	Additional Charge		g/m	20	20
	GWP			2,087.5	2,087.5
	t-CO_2 eq			3.5	3.5
Operation Range(Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18
Power Supply			Ø/V/Hz	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm^2	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm^2	4Cx0.75	4Cx0.75
Maximum Running Current			A	12.8	13.5
Maximum Circuit Breaker Rating			A	20	20
Piping Length Total			m	50	50
Piping Length per Branch		Max	m	25	25
Piping Elevation Difference	IDU-ODU	Max	m	15	15
	IDU-IDU	Max	m	7.5	7.5
Piping Connection	Liquid		mm(inch)xNo.	Ø6.35 (1/4)x3	Ø6.35 (1/4)x3
	Gas		mm(inch)xNo.	Ø9.52 (3/8)x3	Ø9.52 (3/8)x3

Notes : 1. Capacities are based on the following conditions:
Heating: - Indoor Temperature 20°C(68°F) DB/15°C(59°F) WB
- Outdoor Temperature 7°C(44.6°F) DB/6°C(42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m
- Level Difference of Zero
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected
5. Minimum combination capacity rate should be more than 40%
6. This product contains fluorinated greenhouse gases (R410A)

MU4M25
MU4M27
MU5M30

(Unit : mm)



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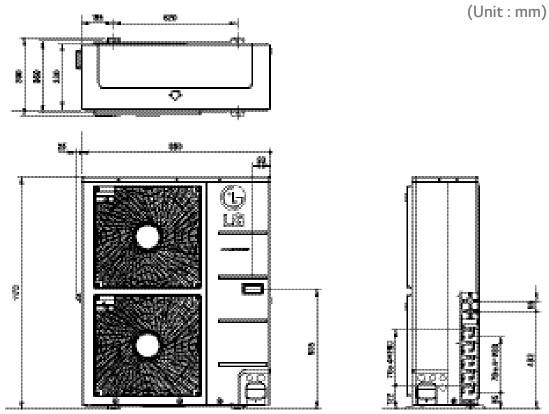
OUTDOOR UNIT				MU4M25 U44	MU4M27 U44	MU5M30 U44
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	1.3/7.0/8.5	1.3/7.9/9.5	1.3/8.8/10.6
	Heating	Min/Nom/Max	kW	1.5/8.4/9.4	1.5/9.1/10.6	1.5/10.1/12.1
Low Temperature Capacity	Heating -7°C	Max	kW	5.9	6.4	7.1
Power Input *	Cooling	Min/Nom/Max	kW	0.4/1.6/2.7	0.4/2.0/3.2	0.4/2.3/3.6
	Heating	Min/Nom/Max	kW	0.6/1.9/3.0	0.6/2.1/3.5	0.6/2.3/3.7
Running Current	Cooling	Min/Nom/Max	A	1.9/7.4/12.1	1.9/8.9/14.4	1.9/10.2/16.2
	Heating	Min/Nom/Max	A	2.8/8.6/13.4	2.8/9.6/15.7	2.8/10.4/16.8
EER				4.30	4.00	3.90
COP				4.40	4.30	4.41
SEER				7.30	7.20	7.00
SCOP				4.00	4.00	4.00
Pdesign (@-10°C)			kW	7.0	7.0	7.2
Seasonal Energy Label	Cooling/Heating			A++/A+	A++/A+	A++/A+
Annual Energy Consumption	Cooling/Heating			337 / 2450	385 / 2450	440 / 2520
Airflow Rate	Nom		m^3/min	60	60	60
Sound Pressure	Cooling	Nom	dBA	49	50	50
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	64	65	66
Dimensions	W x H x D		mm	950 x 834 x 330	950 x 834 x 330	950 x 834 x 330
Net Weight			Kg	61	61	61
Refrigerant	Type / Charge Kg- TCO			R410A	R410A	R410A
	Charge		Kg	2.8	2.8	3.2
	Additional Charge		g/m	20	20	20
	GWP			2,087.5	2,087.5	2,087.5
	t-CO_2 eq			5.8	5.8	6.7
Operation Range(Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18
Power Supply			Ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm^2	3Cx2.5	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm^2	4Cx0.75	4Cx0.75	4Cx0.75
Maximum Running Current			A	16.2	16.5	16.7
Maximum Circuit Breaker Rating			A	25	25	25
Piping Length Total			m	70	70	75
Piping Length per Branch		Max	m	25	25	25
Piping Elevation Difference	IDU-ODU	Max	m	15	15	15
	IDU-IDU	Max	m	7.5	7.5	7.5
Piping Connection	Liquid		mmxNo.	Ø6.35 (1/4)x4	Ø6.35 (1/4)x4	Ø6.35 (1/4)x5
	Gas		mmxNo.	Ø9.52 (3/8)x4	Ø9.52 (3/8)x4	Ø9.52 (3/8)x5

Notes :1. Capacities are based on the following conditions:
Heating: - Indoor Temperature 20°C(68°F) DB/15°C(59°F) WB
- Outdoor Temperature 7°C(44.6°F) DB/6°C(42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m
- Level Difference of Zero
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected
5. Minimum combination capacity rate should be more than 40%
6. This product contains fluorinated greenhouse gases (R410A)

OUTDOOR UNITS

MU5M40

(Unit : mm)



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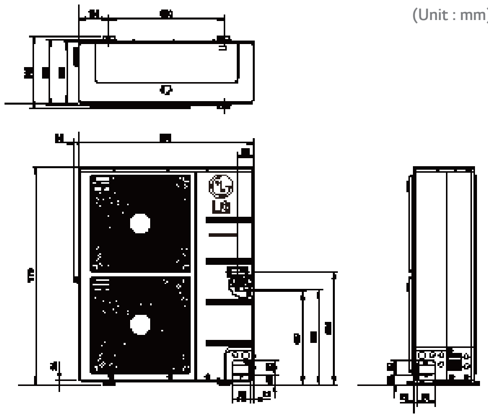
OUTDOOR				MU5M40 UO2
Compressor	Type			Twin Rotary
Capacity*	Cooling	Min / Nom / Max	kW	0.9 / 11.2 / 13.5
	Heating	Min / Nom / Max	kW	1.0 / 12.5 / 15.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.0
Power Input*	Cooling	Min / Nom / Max	kW	0.8 / 2.7 / 4.2
	Heating	Min / Nom / Max	kW	0.8 / 2.8 / 4.5
Running Current	Cooling	Min / Nom / Max	A	3.5 / 12.1 / 18.4
	Heating	Min / Nom / Max	A	3.6 / 12.5 / 19.7
EER				4.10
COP				4.45
SEER				5.80
SCOP				3.81
Pdesign (@ -10°C)			kW	11.8
Seasonal Energy Label	Cooling / Heating			A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	643 / 4,236
Airflow Rate		Nom	m^3/min	90
Sound Pressure	Cooling	Nom	dBA	53
	Heating	Nom	dBA	55
Sound Power	Cooling	Max	dBA	67
Dimensions	W x H x D		mm	950 × 1,170 × 330
Net Weight			kg	84.0
Refrigerant	Type			R410A
	Charge		kg	3,8
	Additional Charge		g/m	20
	GWP			2,087.5
	t-CO_2 eq			7.9
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-10 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			No. x mm^2	3C × 3.5
Transmission Cable			No. x mm^2	4C × 0.75
Maximum Running Current			A	21.2
Maximum Circuit Breaker Rating			A	30
Piping Length Total			m	85
Piping Length per Branch		Max	m	25
Piping Elevation Difference	IDU - ODU	Max	m	15
	IDU - IDU	Max	m	7.5
Piping Connection	Liquid		mm × No.	Ø6.35 (1/4) × 5
	Gas		mm × No.	Ø9.52 (3/8) × 5

Note : 1. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases (R410A)

FM40AH

(Unit : mm)



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OUTDOOR				FM40AH UO2
Compressor	Type			Twin Rotary
Capacity*	Cooling	Min / Nom / Max	kW	2.8 / 11.2 / 13.5
	Heating	Min / Nom / Max	kW	3.1 / 12.5 / 15.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.0
Power Input*	Cooling	Min / Nom / Max	kW	0.8 / 2.7 / 4.2
	Heating	Min / Nom / Max	kW	0.8 / 2.8 / 4.5
Running Current	Cooling	Min / Nom / Max	A	3.5 / 12.1 / 18.4
	Heating	Min / Nom / Max	A	3.6 / 12.5 / 19.7
EER				4.10
COP				4.45
SEER				5.60
SCOP				3.81
Pdesign (@ -10°C)			kW	11.8
Seasonal Energy Label	Cooling / Heating			A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	643 / 4,236
Airflow Rate		Nom	m^3/min	90
Sound Pressure	Cooling	Nom	dBA	53
	Heating	Nom	dBA	55
Sound Power	Cooling	Max	dBA	67
Dimensions	W x H x D		mm	950 × 1,170 × 330
Net Weight			kg	82.0
Refrigerant	Type			R410A
	Charge		g	3,8
	Additional Charge		g/m	20
	GWP			2,087.5
	t-CO_2 eq			7.9
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-10 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 3.5
Transmission Cable	ODU-BD		No. x mm²	4C x 1.25
	BD-IDU		No. x mm²	4C × 0.75
Maximum Running Current			A	21.2
Maximum Circuit Breaker Rating			A	30
Max Piping Length	Total Piping (Main + Total Branch)		m	100
	Main Piping		m	50
	Total Branch Piping		m	50
	Each Branch Piping		m	15
Piping Elevation Difference	IDU - ODU	Max	m	30
	IDU - IDU	Max	m	15
Piping Connection	Liquid		mm	Ø9.52 (3/8)
	Gas		mm	Ø19.05

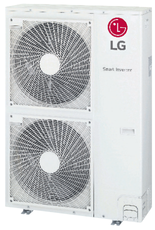
Note : 1. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases (R410A)

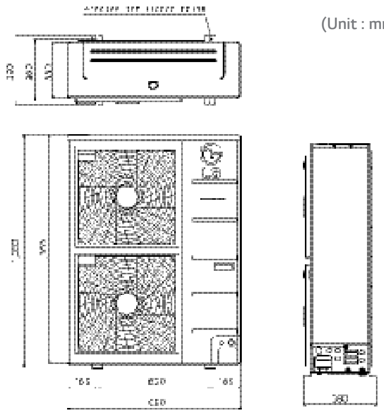
MULTI SPLIT OUTDOOR UNIT SPECIFICATION

OUTDOOR UNITS

FM48AH
FM56AH

(Unit : mm)



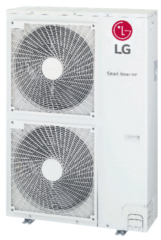


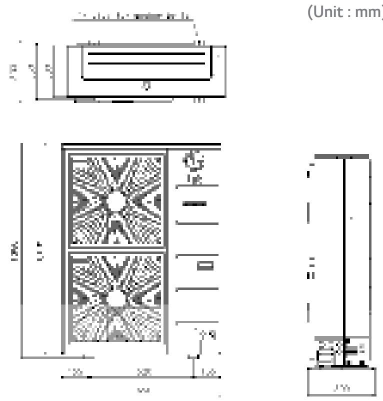
OUTDOOR				FM48AH U32	FM56AH U32
Compressor	Type			Twin Rotary	Twin Rotary
Capacity*	Cooling	Min / Nom / Max	kW	3.3 / 14.0 / 17.0	4.0 / 15.5 / 18.5
	Heating	Min / Nom / Max	kW	3.7 / 16.0 / 17.3	4.5 / 17.4 / 18.8
Low Temperature Capacity	Heating -7°C	Max	kW	14.8	16.1
Power Input*	Cooling	Min / Nom / Max	kW	0.8 / 3.2 / 5.1	1.0 / 3.9 / 5.9
	Heating	Min / Nom / Max	kW	1.3 / 3.7 / 5.2	1.5 / 4.2 / 6.2
Running Current	Cooling	Min / Nom / Max	A	3.9 / 13.2 / 22.3	4.6 / 16.1 / 25.7
	Heating	Min / Nom / Max	A	6.9 / 15.6 / 22.7	7.4 / 16.8 / 27.2
EER				4.41	4.01
COP				4.37	4.18
SEER				-	-
SCOP				-	-
Pdesign (@ -10°C)			kW	-	-
Seasonal Energy Label	Cooling / Heating			-	-
Annual Energy Consumption	Cooling / Heating		kWh	-	-
Airflow Rate		Nom	m3/min	120	120
Sound Pressure	Cooling	Nom	dBA	54	54
	Heating	Nom	dBA	56	56
Sound Power	Cooling	Max	dBA	68	69
Dimensions	W x H x D		mm	950 × 1,380 × 330	950 × 1,380 × 330
Net Weight			kg	96.0	96.0
Refrigerant	Type			R410A	R410A
	Charge		g	4,400	4,400
	Additional Charge		g/m	20	20
	GWP			2,087.5	2,087.5
	t-CO_2 eq			9.2	9.2
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-10 ~ 48	-10 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 4.0	3C x 4.0
Transmission Cable	ODU-BD		No. x mm²	4C x 1.25	4C x 1.25
	BD-IDU		No. x mm²	4C × 0.75	4C × 0.75
Maximum Running Current			A	27.7	28.3
Maximum Circuit Breaker Rating			A	40	40
Max Piping Length	Total Piping (Main + Total Branch)		m	135	145
	Main Piping		m	55	55
	Total Branch Piping		m	80	90
	Each Branch Piping		m	15	15
Piping Elevation Difference	IDU - ODU	Max	m	30	30
	IDU - IDU	Max	m	15	15
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø19.05	Ø19.05

Note : 1. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases (R410A)

FM41AH
FM49AH
FM57AH

(Unit : mm)





OUTDOOR				FM41AH U32	FM49AH U32	FM57AH U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity*	Cooling	Min / Nom / Max	kW	2.8 / 12.1 / 14.1	3.3 / 14.0 / 17.0	4.0 / 15.5 / 18.5
	Heating	Min / Nom / Max	kW	3.2 / 12.5 / 15.2	3.7 / 16.0 / 17.3	4.5 / 17.4 / 18.8
Low Temperature Capacity	Heating -7°C	Max	kW	11.1	13.6	15.2
Power Input*	Cooling	Min / Nom / Max	kW	0.8 / 2.4 / 3.8	0.8 / 3.2 / 5.1	1.0 / 3.9 / 5.9
	Heating	Min / Nom / Max	kW	0.9 / 2.5 / 4.7	1.3 / 3.7 / 5.2	1.5 / 4.2 / 6.2
Running Current	Cooling	Min / Nom / Max	A	1.5 / 3.3 / 5.7	1.8 / 4.4 / 7.3	2.3 / 5.4 / 8.4
	Heating	Min / Nom / Max	A	1.7 / 3.3 / 6.9	2.1 / 5.1 / 7.5	2.5 / 5.5 / 9.0
EER				4.68	4.41	4.01
COP				4.92	4.37	4.18
SEER				-	-	-
SCOP				-	-	-
Pdesign (@ -10°C)			kW	-	-	-
Seasonal Energy Label	Cooling / Heating			-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	-	-	-
Airflow Rate		Nom	m3/min	120	120	120
Sound Pressure	Cooling	Nom	dBA	53	54	54
	Heating	Nom	dBA	55	56	56
Sound Power	Cooling	Max	dBA	67	68	69
Dimensions	W x H x D		mm	950 × 1,380 × 330	950 × 1,380 × 330	950 × 1,380 × 330
Net Weight			kg	96.0	96.0	96.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	4,400	4,400	4,400
	Additional Charge		g/m	20	20	20
	GWP			2,087.5	2,087.5	2,087.5
	t-CO_2 eq			9.2	9.2	9.2
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm²	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable	ODU-BD		No. x mm²	4C x 1.25	4C x 1.25	4C x 1.25
	BD-IDU		No. x mm²	4C × 0.75	4C × 0.75	4C × 0.75
Maximum Running Current			A	12.2	12.3	12.5
Maximum Circuit Breaker Rating			A	20	20	20
Max Piping Length	Total Piping (Main + Total Branch)		m	125	135	145
	Main Piping		m	55	55	55
	Total Branch Piping		m	70	80	90
	Each Branch Piping		m	15	15	15
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30
	IDU - IDU	Max	m	15	15	15
Piping Connection	Liquid		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm	Ø19.05	Ø19.05	Ø19.05

Note : 1. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases (R410A)

INDOOR UNITS

Various Indoor Units

CAPACITY (KW)		1.5	2.1	2.6	3.5	5.3	7.0
1 Way Cassette		-	-	MT09AH NU1	MT11AH NU1	-	-
4 Way Cassette		MT06AH NR0	MT08AH NR0	CT09 NR2	CT12 NR2	CT18 NQ4	CT24 NP4

INDOOR				MT09AH NU1	MT11AH NU1	MT06AH NR0	MT08AH NR0
Capacity	Cooling / Heating	Nom	kW	2.6 / 2.9	3.5 / 3.9	1.5 / 1.6	2.1 / 2.3
Power Input		Nom	W	20	20	20	20
Running Current		Nom	A	0.2	0.2	0.4	0.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		High / Medium / Low	m³/min	7.5 / 7.3 / 6.8	8.1 / 7.4 / 7.0	7.5 / 6.0 / 5.0	7.5 / 6.0 / 5.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 34 / 32	37 / 36 / 33	31 / 27 / 24	31 / 27 / 24
Sound Power	Cooling	Max	dBA	54	57	48	48
Dehumidification Rate			l/h	1.1	1.2	0.8	1
Dimensions	Body	W x H x D	mm	860 × 132 × 450	860 × 132 × 450	570 × 214 × 570	570 × 214 × 570
Net Weight	Body		kg	13.5	13.5	14.0	14.0
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
Decoration Panel	Model			PT-UUC1	PT-UUC1	PT-UQC, PT-QCHW0	
	Color			Morning Fog (RAL120-4)	Morning Fog (RAL120-4)	Morning Fog (RAL 120-4)	
	Dimensions	W x H x D	mm	1,100 × 34 × 500	1,100 × 34 × 500	700 x 22 x 700, 620 x 20 x 620	
	Weight		kg	4.4	4.4	3.0	

* CT09, CT12, CT18, CT24 are compatible between SCAC and MULTI.

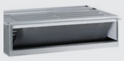
INDOOR				CT09 NR2	CT12 NR2	CT18 NQ4	CT24 NP4
Capacity	Cooling / Heating	Nom	kW	2.6 / 2.9	3.5 / 3.9	5.3 / 5.8	6.7 / 7.5
Power Input		Nom	W	20	20	20	20
Running Current		Nom	A	0.4	0.4	0.4	0.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		High / Medium / Low	m³/min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0	17.0 / 15.0 / 13.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 33 / 30	38 / 35 / 32	41 / 39 / 36	38 / 36 / 34
Sound Power	Cooling	Max	dBA	48	51	55	57
Dehumidification Rate			l/h	1.4	1.7	2.1	2.4
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840
Net Weight	Body		kg	14.0	14.0	15.5	20.5
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
Decoration Panel	Model			PT-UQC, PT-QCHW0			PT-UMC1
	Color			Morning Fog (RAL 120-4)			Morning Fog (120-4)
	Dimensions	W x H x D	mm	700 x 22 x 700, 620 x 20 x 620			950 x 25 x 950
	Weight		kg	3.0			5.0

Note : 1. Capacities are based on the following conditions :
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Due to our policy of innovation some specifications may be changed without notification
4. This product contains fluorinated greenhouse gases (R410A)

MULTI SPLIT INDOOR UNITS SPECIFICATION

CEILING DUCTED UNIT

Various Indoor Units

CAPACITY (KW)		2.6	3.5	5.3	7.0
Ceiling Concealed Duct		CB09L N12	CB12L N22	CB18L N22	CB24L N32
		-	-	CM18 N14	CM24 N14

INDOOR				CB09L N12	CB12L N22	CB18L N22	CB24L N32
Capacity	Cooling / Heating	Nom	kW	2.6 / 2.9	3.5 / 3.9	5.3 / 5.8	7.0 / 7.7
Power Input		Min / Max (Nom ESP)	W	40 / 60	80 / 100	100 / 140	110 / 160
Running Current		Nom	A	0.4	0.8	0.8	1.0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		High / Medium / Low	m³/min	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0	15.0 / 12.5 / 10.0	20.0 / 16.0 / 12.0
Sound Pressure	Cooling	High / Medium / Low	dBA	30 / 26 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32
Sound Power	Cooling	Max	dBA	49	52	54	58
Dehumidification Rate			l/h	1.1	1.2	1.7	2.2
Dimensions	Body	W x H x D	mm	700 x 190 x 700	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700
Net Weight	Body		kg	17.5	23.0	23.0	27.0
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas		mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)
External Static Pressure		Min ~ Max	mmAq (Pa)	0 ~ 5 (0 ~ 49)	0 ~ 5 (0 ~ 49)	0 ~ 5 (0 ~ 49)	0 ~ 5 (0 ~ 49)

* CB09L, CB12L, CB18L, CB24L are compatible between SCAC and MULTI.
* CM18, CM24 are compatible between SCAC and MULTI.

INDOOR				CM18 N14	CM24 N14
Capacity	Cooling / Heating	Nom	kW	5.3 / 5.8	7.0 / 7.7
Power Input		Min / Max (Nom ESP)	W	90 / 160	100 / 180
Running Current		Nom	A	0.9	1.0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		High / Medium / Low	m³/min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.5
Sound Pressure	Cooling	High / Medium / Low	dBA	34 / 32 / 30	35 / 34 / 32
Sound Power	Cooling	Max	dBA	59	60
Dehumidification Rate			l/h	2.0	2.5
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700
Net Weight	Body		kg	23.8	24.2
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm	Ø12.7 (1/2)	Ø12.7 (1/2)
External Static Pressure		Min ~ Max	mmAq (Pa)	2.5~15 (25~147)	2.5~15 (25~147)

Note : 1. Capacities are based on the following conditions :
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Due to our policy of innovation some specifications may be changed without notification
4. This product contains fluorinated greenhouse gases (R410A)

MULTI SPLIT INDOOR UNITS SPECIFICATION

CEILING SUSPENDED UNIT

Various Indoor Units

CAPACITY (KW)		2.6	3.5	5.3	7.0
Ceiling Floor Convertible unit		CV09 NE2	CV12 NE2	-	-
Ceiling Suspended unit		-	-	CV18 NJ2	CV24 NJ2

INDOOR				CV09 NE2	CV12 NE2
Capacity	Cooling / Heating	Nom	kW	2.6 / 2.9	3.5 / 3.9
Power Input		Nom	W	30	40
Running Current		Nom	A	0.4	0.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		High / Medium / Low	m³/min	7.6 / 6.9 / 6.2	9.2 / 7.6 / 6.6
Sound Pressure	Cooling	High / Medium / Low	dBA	38 / 35 / 32	40 / 36 / 31
Sound Power	Cooling	Max	dBA	52	56
Dehumidification Rate			l/h	1.2	1.2
Dimensions	Body	W x H x D	mm	900 × 490 x 200	900 × 490 x 200
Net Weight	Body		kg	13.7	13.7
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm	Ø9.52 (3/8)	Ø9.52 (3/8)

* CV09, CV12, CV18, CV24 are compatible between SCAC and MULTI.

INDOOR				CV18 NJ2	CV24 NJ2
Capacity	Cooling / Heating	Nom	kW	5.3 / 5.8	7.0 / 7.7
Power Input		Nom	W	50	60
Running Current		Nom	A	0.4	0.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		High / Medium / Low	m³/min	12.4 / 11.4 / 10.4	13.9 / 12.9 / 11.9
Sound Pressure	Cooling	High / Medium / Low	dBA	42 / 40 / 39	44 / 43 / 41
Sound Power	Cooling	Max	dBA	57	61
Dehumidification Rate			l/h	2.3	3.2
Dimensions	Body	W x H x D	mm	950 × 650 x 220	950 × 650 x 220
Net Weight	Body		kg	22.0	23.0
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm	Ø12.7 (1/2)	Ø12.7 (1/2)

Note : 1. Capacities are based on the following conditions :
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
3. Due to our policy of innovation some specifications may be changed without notification
4. This product contains fluorinated greenhouse gases (R410A)

CONSOLE

Various Indoor Units

CAPACITY (KW)		2.6	3.5	5.3
Console		CQ09 NA0	CQ12 NA0	CQ18 NA0

INDOOR				CQ09 NA0
Capacity	Cooling / Heating	Nom	kW	2.6 / 2.9
Power Input		Nom	W	20
Running Current		Nom	A	0.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Air Flow Rate		High / Medium / Low	m³/min	8.5 / 6.7 / 5.0
Sound Pressure	Cooling	High / Medium / Low	dBA	38 / 32 / 27
Sound Power	Cooling	Max	dBA	53
Dehumidification Rate			l/h	1.2
Dimensions	Body	W x H x D	mm	700 × 600 × 210
Net Weight	Body		kg	14.0
Piping Connection	Liquid		mm	Ø6.35 (1/4)
	Gas		mm	Ø9.52 (3/8)

* CQ09, CQ12, CQ18 are compatible between SCAC and MULTI.

INDOOR				CQ12 NA0	CQ18 NA0
Capacity	Cooling / Heating	Nom	kW	3.5 / 3.9	5.3 / 5.8
Power Input		Nom	W	20	40
Running Current		Nom	A	0.6	0.7
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		High / Medium / Low	m³/min	9.0 / 6.9 / 5.2	10.1 / 8.6 / 7.2
Sound Pressure	Cooling	High / Medium / Low	dBA	39 / 32 / 27	44 / 39 / 35
Sound Power	Cooling	Max	dBA	56	60
Dehumidification Rate			l/h	1.4	2.3
Dimensions	Body	W x H x D	mm	700 × 600 × 210	700 × 600 × 210
Net Weight	Body		kg	14.0	14.0
Piping Connection	Liquid		mm	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm	Ø9.52 (3/8)	Ø12.7 (1/2)

Note : 1. Capacities are based on the following conditions :
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero
2. Definition of Power Input Nominal conditions – Performance tested under EN14511
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ACCESSORIES

SINGLE SPLIT AND MULTI SPLIT ACCESSORIES

WI-FI CONTROLLER

Wi-Fi Controller1)

LG-IR-WF-1

Models Applied

- Connectible with the indoor unit having IR receiver
- Control and monitor : On / Off Mode, Set Temp, Room Temp, Fan Speed
- Power supply includes EU-UK-US-AU heads
- Easy to install : Wall or desktop mounted
- Attractive design
- On / Off status and mode indicated by LED light
- Automatic firmware Updates *

* Internet access is necessary

Model Name	LG-IR-WF-1
Start / Stop Operation	•
Operation Mode	Cool/heat / Auto / Fan / Dry
Set Point	•
Ambient Temperature	•
Fan Speed	•

Specifications

Model Name	LG-IR-WF-1
Enclosure	ABS (V-0, 5VB) 2,1 mm thickness PC (V-2) 1mm thickness
Dimensions (mm)	81 × 78 × 28
Weight (g)	76
Colour	White
Power Supply	5VDC 0,2 A NEC Class 2 or Limited Power Source (LPS) and SELV Rated Power supply
Mounting	Wall
LED Indicators	1 × Device status
Operating Temperature	From 0℃ to 40℃
Operating Humidity	‹93% HR, no Condensation
Stock Humidity	‹93% HR, no Condensation
Compliance	Compliant with RoHS Directive (2002 / 95 / CE) CE Conformity to EMC Directive (2004 / 108 / EC) and Low-voltage Directive (2006 / 95 / EC) EN 60950-1 / EN 301489-1 v1.8.1 / EN 300328

Overview

Case 1) Connection with Indoor Units with IR Receiver

Case 2) Connection with Duct Type Indoor Units

1) This product is provided by INTESIS. For more information, please contact INTESIS directly

MULTI SPLIT

ACCESSORIES

Distributor Box

PMBD3620, PMBD3630, PMBD3640

Easy installation using the range of Distributor Boxes.

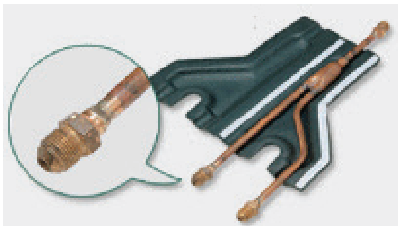
For	2 Indoors	3 Indoors	4 Indoors
Distributor	 PMBD3620	 PMBD3630	 PMBD3640

Various distributors can make much easier installation for any sites

Features

- Distribution of refrigerant to various indoor units.
- 3 models (2, 3, 4 Indoor Units)
- EEV included
- Controlling PCB inside the unit
- Internally insulated (Prevents any chances of drainage)
- Flare joints for easy and clean installation
- Compact design (Low height)
- Flexible installation


No Brazing


Just Flaring

Specification

			PMBD3620	PMBD3630	PMBD3640
Connectable Indoor Units	Number of Indoor Units		1 ~ 2	1 ~ 3	1 ~ 4
	Capacity		5k / 7k / 9k / 12k / 18k / 24k	5k / 7k / 9k / 12k / 18k / 24k	5k / 7k / 9k / 12k / 18k / 24k
Power Source		Ø / V / Hz	1 / 220~240 / 50	1 / 200~240 / 50	1 / 200~240 / 50
Power Consumption		W	10	10	10
Runing Current		A	0.05	0.05	0.05
Dimensions	W x H x D	mm	302 × 143 × 252	302 × 143 × 252	302 × 143 × 252
Net Weight		kg/lb	4.8 / 10.6	4.9 / 10.8	5 / 11
Piping Connection (To Outdoor Unit)	Liquid	mm	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52
	Gas	mm	Ø19.05	Ø19.05	Ø19.05
Piping Connection (To Indoor Unit)	Liquid	mm	Ø6.35 (1/4) × 2EA	Ø6.35 (1/4) × 3EA	Ø6.35 (1/4) × 4EA
	Gas	mm	Ø9.52 (3/8) × 2EA	Ø9.52 (3/8) × 3EA	Ø9.52 (3/8) × 4EA
Accessories	Hanger (Bracket)	EA	4	4	4
	Screw	EA	8	8	8
	Manual	EA	1	1	1

Note :
1. The piping connection must be suit the piping sizes of the indoor unit which will be connected. (If need, use the connector which is included in the indoor unit)
2. The BD should be installed inside the building.

Note : Due to our policy of innovation some specifications may be changed without notification.

MULTI SPLIT

ACCESSORIES

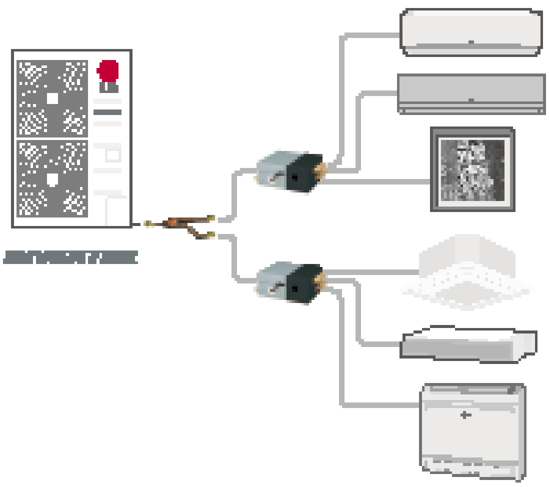
Y Branch and Branch Kit

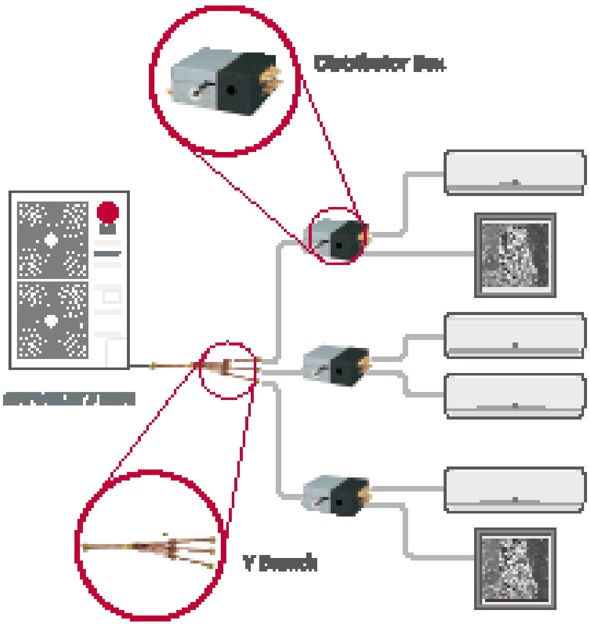
PMBL5620 (2 units) / PMBL1203F0 (3 units)

Features

- Y Branch and Branch kit make Multi FDX installation much easier.
- Y Branch and Branch kit for both gas and liquid are provided.
- Insulation material is also provided for covering the branches.

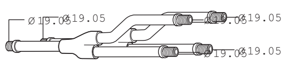
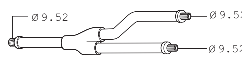
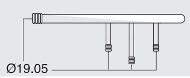
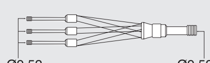
Application





Accessory Model Name

(Unit : mm)

MODEL NAME	NO. OF BRANCH DISTRIBUTION UNITS	APPLICABLE MODEL	SPECIFICATION GAS	SPECIFICATION Liquid
PMBL5620	2 Units	1Ø, 3Ø		
PMBL1203F0	3 Units	1Ø, 3Ø		

MULTI SPLIT COMBINATIONS

COMBINATION TABLE

MU2M15 UL4

Operation	Combination (kBtu/h)			Cooling										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	Unit-A	Unit-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	5	1.5	-	3,000	0.9	5,000	1.5	5,750	1.7	229	386	483
	7	-	7	2.1	-	4,200	1.2	7,000	2.1	8,050	2.4	307	547	692
	9	-	9	2.6	-	5,400	1.6	9,000	2.6	10,350	3.0	412	684	875
	12	-	12	3.5	-	7,200	2.1	12,000	3.5	13,800	4.0	547	937	1,190
2 Unit	5	5	10	1.5	1.5	6,000	1.8	10,000	2.9	11,500	3.4	419	691	900
	5	7	12	1.5	2.1	7,200	2.1	12,000	3.5	13,800	4.0	492	843	1,120
	5	9	14	1.5	2.6	8,400	2.5	14,000	4.1	16,100	4.7	591	1,000	1,379
	7	7	14	2.1	2.1	8,400	2.5	14,000	4.1	16,100	4.7	591	1,000	1,379
	7	9	16	2.1	2.6	8,400	2.5	14,000	4.1	16,100	4.7	591	1,000	1,379
	5	12	17	1.5	3.5	8,400	2.5	14,000	4.1	16,100	4.7	591	1,000	1,379
	9	9	18	2.6	2.6	8,400	2.5	14,000	4.1	16,100	4.7	591	1,000	1,379
	7	12	19	2.1	3.5	8,400	2.5	14,000	4.1	16,100	4.7	591	1,000	1,379
	9	12	21	2.6	3.5	8,400	2.5	14,000	4.1	16,100	4.7	591	1,000	1,379

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3.The total ability of connected a indoor unit is up to 21k Btu/h
4. At least two indoor units should be connected.

Operation	Combination (kBtu/h)			Heating										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	Unit-A	Unit-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	5	1.6	-	3,300	1.0	5,500	1.6	6,050	1.8	235	380	472
	7	-	7	2.5	-	5,040	1.5	8,400	2.5	9,240	2.7	355	604	721
	9	-	9	3.2	-	6,480	1.9	10,800	3.2	11,880	3.5	454	784	949
	12	-	12	3.9	-	7,920	2.3	13,200	3.9	14,520	4.3	554	969	1,185
2 Unit	5	5	10	1.6	1.6	6,600	1.9	11,000	3.2	12,100	3.5	408	706	854
	5	7	12	1.6	2.5	7,920	2.3	13,200	3.9	14,520	4.3	498	872	1,066
	5	9	14	1.6	3.2	9,600	2.8	16,000	4.7	18,400	5.4	613	1,068	1,451
	7	7	14	2.5	2.5	9,600	2.8	16,000	4.7	18,400	5.4	613	1,068	1,451
	7	9	16	2.5	3.2	9,600	2.8	16,000	4.7	18,400	5.4	613	1,068	1,451
	5	12	17	1.6	3.9	9,600	2.8	16,000	4.7	18,400	5.4	613	1,068	1,451
	9	9	18	3.2	3.2	9,600	2.8	16,000	4.7	18,400	5.4	613	1,068	1,451
	7	12	19	2.5	3.9	9,600	2.8	16,000	4.7	18,400	5.4	613	1,068	1,451
	9	12	21	3.2	3.9	9,600	2.8	16,000	4.7	18,400	5.4	613	1,068	1,451

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3.The total ability of connected a indoor unit is up to 21k Btu/h
4. At least two indoor units should be connected.

MU2M17 UL4

Operation	Combination (kBtu/h)			Cooling										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	Unit-A	Unit-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	5	1.5	-	3,000	0.9	5,000	1.5	5,750	1.7	229	386	483
	7	-	7	2.1	-	4,200	1.2	7,000	2.1	8,050	2.4	307	547	692
	9	-	9	2.6	-	5,400	1.6	9,000	2.6	10,350	3.0	412	684	875
	12	-	12	3.5	-	7,200	2.1	12,000	3.5	13,800	4.0	547	937	1,190
	15	-	15	4.4	-	8,520	2.5	14,200	4.2	16,330	4.8	656	1,196	1,588
2 Unit	5	5	10	1.5	1.5	6,000	1.8	10,000	2.9	11,500	3.4	419	691	900
	5	7	12	1.5	2.1	7,200	2.1	12,000	3.5	13,800	4.0	492	843	1,071
	5	9	14	1.5	2.6	8,400	2.5	14,000	4.1	16,100	4.7	591	1,000	1,379
	7	7	14	2.1	2.1	8,400	2.5	14,000	4.1	16,100	4.7	591	1,000	1,379
	7	9	16	2.1	2.6	9,600	2.8	16,000	4.7	18,400	5.4	665	1,253	1,699
	5	12	17	1.5	3.5	9,600	2.8	16,000	4.7	18,400	5.4	665	1,253	1,699
	9	9	18	2.6	2.6	9,600	2.8	16,000	4.7	18,400	5.4	665	1,253	1,699
	7	12	19	2.1	3.5	9,600	2.8	16,000	4.7	18,400	5.4	665	1,253	1,699
	5	15	20	1.5	4.4	9,600	2.8	16,000	4.7	18,400	5.4	665	1,253	1,699
	9	12	21	2.6	3.5	9,600	2.8	16,000	4.7	18,400	5.4	665	1,253	1,699
	7	15	22	2.1	4.4	9,600	2.8	16,000	4.7	18,400	5.4	665	1,253	1,699
	9	15	24	2.6	4.4	9,600	2.8	16,000	4.7	18,400	5.4	665	1,253	1,699
	12	12	24	3.5	3.5	9,600	2.8	16,000	4.7	18,400	5.4	665	1,253	1,699

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3.The total ability of connected a indoor unit is up to 24kBtu/h
4. At least two indoor units should be connected.

Operation	Combination (kBtu/h)			Heating										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	5	1.6	-	3,300	1.0	5,500	1.6	6,050	1.8	235	380	472
	7	-	7	2.5	-	5,040	1.5	8,400	2.5	9,240	2.7	355	604	721
	9	-	9	3.2	-	6,480	1.9	10,800	3.2	11,880	3.5	454	758	920
	12	-	12	3.9	-	7,920	2.3	13,200	3.9	14,520	4.3	554	942	1,155
	15	-	15	4.8	-	9,900	2.9	16,500	4.8	18,150	5.3	706	1,187	1,504
2 Unit	5	5	10	1.6	1.6	6,600	1.9	11,000	3.2	12,100	3.5	408	706	854
	5	7	12	1.6	2.5	7,920	2.3	13,200	3.9	14,520	4.3	498	872	1,066
	5	9	14	1.6	3.2	9,600	2.8	16,000	4.7	18,400	5.4	613	1,068	1,451
	7	7	14	2.5	2.5	9,600	2.8	16,000	4.7	18,400	5.4	613	1,068	1,451
	7	9	16	2.5	3.2	10,800	3.2	18,000	5.3	19,400	5.7	706	1,197	1,652
	5	12	17	1.6	3.9	10,800	3.2	18,000	5.3	19,400	5.7	706	1,197	1,652
	9	9	18	3.2	3.2	10,800	3.2	18,000	5.3	19,400	5.7	706	1,197	1,652
	7	12	19	2.5	3.9	10,800	3.2	18,000	5.3	19,400	5.7	706	1,197	1,652
	5	15	20	1.6	4.8	10,800	3.2	18,000	5.3	19,400	5.7	706	1,197	1,652
	9	12	21	3.2	3.9	10,800	3.2	18,000	5.3	19,400	5.7	706	1,197	1,652
	7	15	22	2.5	4.8	10,800	3.2	18,000	5.3	19,400	5.7	706	1,197	1,652
	9	15	24	3.2	4.8	10,800	3.2	18,000	5.3	19,400	5.7	706	1,197	1,652
	12	12	24	3.9	3.9	10,800	3.2	18,000	5.3	19,400	5.7	706	1,197	1,652

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3.The total ability of connected a indoor unit is up to 24kBtu/h
4. At least two indoor units should be connected.

MULTI SPLIT

COMBINATION TABLE

MU3M19 UE4

Operation	Combination (kBtu/h)				Cooling											
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	UINT-A	UINT-B	UINT-C	Total	UINT-A	UINT-B	UINT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	5	1.5	-	-	3,600	1.1	5,000	1.5	6,000	1.8	256	388	564
	7	-	-	7	2.1	-	-	4,200	1.2	7,000	2.1	8,400	2.5	280	503	667
	9	-	-	9	2.6	-	-	5,400	1.6	9,000	2.6	10,800	3.2	378	633	872
	12	-	-	12	3.5	-	-	7,200	2.1	12,000	3.5	14,400	4.2	503	875	1,179
	15	-	-	15	4.4	-	-	8,520	2.5	14,200	4.2	17,040	5.0	606	1,072	1,366
	18	-	-	18	5.3	-	-	10,800	3.2	18,000	5.3	21,600	6.3	793	1,398	1,890
2 Unit	5	5	-	10	1.5	1.5	-	6,000	1.8	10,000	2.9	12,000	3.5	406	676	914
	5	7	-	12	1.5	2.1	-	7,200	2.1	12,000	3.5	14,400	4.2	478	831	1,120
	5	9	-	14	1.5	2.6	-	8,400	2.5	14,000	4.1	16,800	4.9	576	991	1,335
	7	7	-	14	2.1	2.1	-	8,400	2.5	14,000	4.1	16,800	4.9	576	991	1,335
	7	9	-	16	2.1	2.6	-	9,600	2.8	16,000	4.7	19,200	5.6	651	1,157	1,573
	5	12	-	17	1.5	3.5	-	10,200	3.0	17,000	5.0	20,400	6.0	702	1,242	1,720
	9	9	-	18	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	7	12	-	19	2.1	3.5	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	5	15	-	20	1.5	4.4	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	9	12	-	21	2.6	3.5	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	7	15	-	22	2.1	4.4	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	9	15	-	24	2.6	4.4	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	12	12	-	24	3.5	3.5	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	9	18	-	27	2.6	5.3	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	12	15	-	27	3.5	4.4	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	12	18	-	30	3.5	5.3	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	15	15	-	30	4.4	4.4	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
3 Unit	5	5	5	15	1.5	1.5	1.5	9,000	2.6	15,000	4.4	18,000	5.3	571	1,020	1,388
	5	5	7	17	1.5	1.5	2.1	10,200	3.0	17,000	5.0	20,400	6.0	667	1,180	1,634
	5	5	9	19	1.5	1.5	2.6	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	5	7	7	19	1.5	2.1	2.1	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	5	7	9	21	1.5	2.1	2.6	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	7	7	7	21	2.1	2.1	2.1	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	5	5	12	22	1.5	1.5	3.5	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	5	9	9	23	1.5	2.6	2.6	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	7	7	9	23	2.1	2.1	2.6	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	5	7	12	24	1.5	2.1	3.5	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	5	5	15	25	1.5	1.5	4.4	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	7	9	9	25	2.1	2.6	2.6	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	5	9	12	26	1.5	2.6	3.5	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	7	7	12	26	2.1	2.1	3.5	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	5	7	15	27	1.5	2.1	4.4	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	9	9	9	27	2.6	2.6	2.6	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	7	9	12	28	2.1	2.6	3.5	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	5	9	15	29	1.5	2.6	4.4	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	5	12	12	29	1.5	3.5	3.5	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	7	7	15	29	2.1	2.1	4.4	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745
	9	9	12	30	2.6	2.6	3.5	10,800	3.2	18,000	5.3	21,600	6.3	715	1,262	1,745

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 30kBtu/h
4. At least two indoor units should be connected.

Operation	Combination (kBtu/h)				Heating												
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	UINT-A	UINT-B	UINT-C	Total	UINT-A	UINT-B	UINT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	5	1.6	-	-	4,000	1.2	5,500	1.6	6,325	1.9	265	394	566
	7	-	-	7	2.5	-	-	5,040	1.5	8,400	2.5	9,660	2.8	335	575	715
	9	-	-	9	3.2	-	-	6,480	1.9	10,800	3.2	12,420	3.6	429	751	941
	12	-	-	12	3.9	-	-	7,920	2.3	13,200	3.9	15,180	4.4	526	935	1,178
	15	-	-	15	4.8	-	-	9,900	2.9	16,500	4.8	18,975	5.6	675	1,183	1,554
	18	-	-	18	5.8	-	-	11,880	3.5	19,800	5.8	22,770	6.7	829	1,472	1,922
2 Unit	5	5	-	10	1.6	1.6	-	7,200	2.1	12,000	3.5	13,800	4.0	453	788	1,005
	5	7	-	12	1.6	2.5	-	8,640	2.5	14,400	4.2	16,560	4.9	546	965	1,265
	5	9	-	14	1.6	3.2	-	10,080	3.0	16,800	4.9	19,320	5.7	665	1,150	1,508
	7	7	-	14	2.5	2.5	-	10,080	3.0	16,800	4.9	19,320	5.7	665	1,150	1,508
	7	9	-	16	2.5	3.2	-	11,520	3.4	19,200	5.6	22,080	6.5	763	1,342	1,761
	5	12	-	17	1.6	3.9	-	12,240	3.6	20,400	6.0	23,460	6.9	813	1,456	1,892
	9	9	-	18	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
	7	12	-	19	2.5	3.9	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
	5	15	-	20	1.6	4.8	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
	9	12	-	21	3.2	3.9	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
	7	15	-	22	2.5	4.8	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
	9	15	-	24	3.2	4.8	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
	12	12	-	24	3.9	3.9	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
	9	18	-	27	3.2	5.8	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
	12	15	-	27	3.9	4.8	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
	12	18	-	30	3.9	5.8	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
	15	15	-	30	4.8	4.8	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,542	2,087
3 Unit	5	5	5	15	1.6	1.6	1.6	10,800	3.2	18,000	5.3	20,700	6.1	678	1,196	1,551
	5	5	7	17	1.6	1.6	2.5	12,240	3.6	20,400	6.0	23,460	6.9	772	1,383	1,797
	5	5	9	19	1.6	1.6	3.2	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	5	7	7	19	1.6	2.5	2.5	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	5	7	9	21	1.6	2.5	3.2	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	7	7	7	21	2.5	2.5	2.5	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	5	5	12	22	1.6	1.6	3.9	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	5	9	9	23	1.6	3.2	3.2	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	7	7	9	23	2.5	2.5	3.2	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	5	7	12	24	1.6	2.5	3.9	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	5	5	15	25	1.6	1.6	4.8	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	7	9	9	25	2.5	3.2	3.2	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	5	9	12	26	1.6	3.2	3.9	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	7	7	12	26	2.5	2.5	3.9	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	5	7	15	27	1.6	2.5	4.8	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	9	9	9	27	3.2	3.2	3.2	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	7	9	12	28	2.5	3.2	3.9	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	5	9	15	29	1.6	3.2	4.8	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	5	12	12	29	1.6	3.9	3.9	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	7	7	15	29	2.5	2.5	4.8	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001
	9	9	12	30	3.2	3.2	3.9	12,960	3.8	21,600	6.3	24,840	7.3	820	1,465	2,001

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 30kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU3M21 UE4

Operation	Combination (kBtu/h)				Cooling											
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A	UNIT-B	UNIT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	5	1.5	-	-	3,600	1.1	5,000	1.5	6,000	1.8	256	388	564
	7	-	-	7	2.1	-	-	4,200	1.2	7,000	2.1	8,400	2.5	280	503	667
	9	-	-	9	2.6	-	-	5,400	1.6	9,000	2.6	10,800	3.2	378	633	872
	12	-	-	12	3.5	-	-	7,200	2.1	12,000	3.5	14,400	4.2	503	875	1,179
	15	-	-	15	4.4	-	-	8,520	2.5	14,200	4.2	17,040	5.0	606	1,072	1,366
	18	-	-	18	5.3	-	-	10,800	3.2	18,000	5.3	21,600	6.3	793	1,398	1,890
2 Unit	5	5	-	10	1.5	1.5	-	6,000	1.8	10,000	2.9	12,000	3.5	406	676	914
	5	7	-	12	1.5	2.1	-	7,200	2.1	12,000	3.5	14,400	4.2	478	831	1,120
	5	9	-	14	1.5	2.6	-	8,400	2.5	14,000	4.1	16,800	4.9	576	991	1,335
	7	7	-	14	2.1	2.1	-	8,400	2.5	14,000	4.1	16,800	4.9	576	991	1,335
	7	9	-	16	2.1	2.6	-	9,600	2.8	16,000	4.7	19,200	5.6	651	1,157	1,573
	5	12	-	17	1.5	3.5	-	10,200	3.0	17,000	5.0	20,400	6.0	702	1,242	1,720
	9	9	-	18	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	753	1,328	1,842
	7	12	-	19	2.1	3.5	-	11,400	3.3	19,000	5.6	22,800	6.7	779	1,430	2,039
	5	15	-	20	1.5	4.4	-	12,000	3.5	20,000	5.9	23,100	6.8	831	1,530	2,091
	9	12	-	21	2.6	3.5	-	12,600	3.7	21,000	6.2	23,100	6.8	884	1,632	2,091
	7	15	-	22	2.1	4.4	-	12,600	3.7	21,000	6.2	23,100	6.8	884	1,632	2,091
	5	18	-	23	1.5	5.3	-	12,600	3.7	21,000	6.2	23,100	6.8	884	1,632	2,091
	9	15	-	24	2.6	4.4	-	12,600	3.7	21,000	6.2	23,100	6.8	884	1,632	2,091
	12	12	-	24	3.5	3.5	-	12,600	3.7	21,000	6.2	23,100	6.8	884	1,632	2,091
	9	18	-	27	2.6	5.3	-	12,600	3.7	21,000	6.2	23,100	6.8	884	1,632	2,091
	12	15	-	27	3.5	4.4	-	12,600	3.7	21,000	6.2	23,100	6.8	884	1,632	2,091
	12	18	-	30	3.5	5.3	-	12,600	3.7	21,000	6.2	23,100	6.8	884	1,632	2,091
	15	15	-	30	4.4	4.4	-	12,600	3.7	21,000	6.2	23,100	6.8	884	1,632	2,091
	15	18	-	33	4.4	5.3	-	12,600	3.7	21,000	6.2	23,100	6.8	884	1,632	2,091
3 Unit	5	5	5	15	1.5	1.5	1.5	9,000	2.6	15,000	4.4	18,000	5.3	571	1,020	1,388
	5	5	7	17	1.5	1.5	2.1	10,200	3.0	17,000	5.0	20,400	6.0	667	1,180	1,634
	5	5	9	19	1.5	1.5	2.6	11,400	3.3	19,000	5.6	22,800	6.7	740	1,359	1,908
	5	7	7	19	1.5	2.1	2.1	11,400	3.3	19,000	5.6	22,800	6.7	740	1,359	1,908
	5	7	9	21	1.5	2.1	2.6	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	7	7	7	21	2.1	2.1	2.1	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	5	5	12	22	1.5	1.5	3.5	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	5	9	9	23	1.5	2.6	2.6	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	7	7	9	23	2.1	2.1	2.6	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	5	7	12	24	1.5	2.1	3.5	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	5	5	15	25	1.5	1.5	4.4	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	7	9	9	25	2.1	2.6	2.6	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	5	9	12	26	1.5	2.6	3.5	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	7	7	12	26	2.1	2.1	3.5	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	5	7	15	27	1.5	2.1	4.4	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	9	9	9	27	2.6	2.6	2.6	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	7	9	12	28	2.1	2.6	3.5	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	5	9	15	29	1.5	2.6	4.4	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	5	12	12	29	1.5	3.5	3.5	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	7	7	15	29	2.1	2.1	4.4	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	9	9	12	30	2.6	2.6	3.5	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	7	9	15	31	2.1	2.6	4.4	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	7	12	12	31	2.1	3.5	3.5	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	5	12	15	32	1.5	3.5	4.4	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	5	9	18	32	1.5	2.6	5.3	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	7	7	18	32	2.1	2.1	5.3	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	9	9	15	33	2.6	2.6	4.4	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169
	9	12	12	33	2.6	3.5	3.5	12,600	3.7	21,000	6.2	25,000	7.3	840	1,550	2,169

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 33kBtu/h
4. At least two indoor units should be connected.

Operation	Combination (kBtu/h)				Heating												
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A	UNIT-B	UNIT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	5	1.6	-	-	4,000	1.2	5,500	1.6	6,325	1.9	265	394	566
	7	-	-	7	2.5	-	-	5,040	1.5	8,400	2.5	9,660	2.8	335	575	715
	9	-	-	9	3.2	-	-	6,480	1.9	10,800	3.2	12,420	3.6	429	751	941
	12	-	-	12	3.9	-	-	7,920	2.3	13,200	3.9	15,180	4.4	526	935	1,178
	15	-	-	15	4.8	-	-	9,900	2.9	16,500	4.8	18,975	5.6	675	1,183	1,554
	18	-	-	18	5.8	-	-	11,880	3.5	19,800	5.8	22,770	6.7	829	1,472	1,922
2 Unit	5	5	-	10	1.6	1.6	-	7,200	2.1	12,000	3.5	13,800	4.0	453	788	1,005
	5	7	-	12	1.6	2.5	-	8,640	2.5	14,400	4.2	16,560	4.9	546	965	1,265
	5	9	-	14	1.6	3.2	-	10,080	3.0	16,800	4.9	19,320	5.7	665	1,150	1,508
	7	7	-	14	2.5	2.5	-	10,080	3.0	16,800	4.9	19,320	5.7	665	1,150	1,508
	7	9	-	16	2.5	3.2	-	11,520	3.4	19,200	5.6	22,080	6.5	763	1,342	1,761
	5	12	-	17	1.6	3.9	-	12,240	3.6	20,400	6.0	23,460	6.9	813	1,399	1,892
	9	9	-	18	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	863	1,484	2,087
	7	12	-	19	2.5	3.9	-	13,320	3.9	22,200	6.5	25,530	7.5	888	1,542	2,196
	5	15	-	20	1.6	4.8	-	13,740	4.0	22,900	6.7	26,335	7.7	914	1,601	2,310
	9	12	-	21	3.2	3.9	-	14,400	4.2	24,000	7.0	26,500	7.8	965	1,690	2,368
	7	15	-	22	2.5	4.8	-	14,400	4.2	24,000	7.0	26,500	7.8	965	1,690	2,368
	5	18	-	23	3.2	4.8	-	14,400	4.2	24,000	7.0	26,500	7.8	965	1,690	2,368
	9	15	-	24	3.9	3.9	-	14,400	4.2	24,000	7.0	26,500	7.8	965	1,690	2,368
	12	12	-	24	3.2	5.8	-	14,400	4.2	24,000	7.0	26,500	7.8	965	1,690	2,368
	9	18	-	27	3.9	4.8	-	14,400	4.2	24,000	7.0	26,500	7.8	965	1,690	2,368
	12	15	-	27	3.9	5.8	-	14,400	4.2	24,000	7.0	26,500	7.8	965	1,690	2,368
	12	18	-	30	4.8	4.8	-	14,400	4.2	24,000	7.0	26,500	7.8	965	1,690	2,368
	15	15	-	30	4.8	4.8	-	14,400	4.2	24,000	7.0	26,500	7.8	965	1,690	2,368
	15	18	-	33	4.8	5.8	-	14,400	4.2	24,000	7.0	26,500	7.8	965	1,690	2,368
3 Unit	5	5	5	15	1.6	1.6	1.6	10,800	3.2	18,000	5.3	20,700	6.1	678	1,196	1,551
	5	5	7	17	1.6	1.6	2.5	12,240	3.6	20,400	6.0	23,460	6.9	772	1,383	1,797
	5	5	9	19	1.6	1.6	3.2	13,320	3.9	22,200	6.5	25,530	7.5	844	1,521	2,118
	5	7	7	19	1.6	2.5	2.5	13,320	3.9	22,200	6.5	25,530	7.5	844	1,521	2,118
	5	7	9	21	1.6	2.5	3.2	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	7	7	7	21	2.5	2.5	2.5	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	5	5	12	22	1.6	1.6	3.9	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	5	9	9	23	1.6	3.2	3.2	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	7	7	9	23	2.5	2.5	3.2	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	5	7	12	24	1.6	2.5	3.9	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	5	5	15	25	1.6	1.6	4.8	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	7	9	9	25	2.5	3.2	3.2	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	5	9	12	26	1.6	3.2	3.9	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	7	7	12	26	2.5	2.5	3.9	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	5	7	15	27	1.6	2.5	4.8	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	9	9	9	27	3.2	3.2	3.2	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	7	9	12	28	2.5	3.2	3.9	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	5	9	15	29	1.6	3.2	4.8	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	5	12	12	29	1.6	3.9	3.9	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	7	7	15	29	2.5	2.5	4.8	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	9	9	12	30	3.2	3.2	3.9	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	7	9	15	31	2.5	3.2	4.8	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	7	12	12	31	2.5	3.9	3.9	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	5	12	15	32	1.6	3.9	4.8	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	5	9	18	32	1.6	3.2	5.8	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	7	7	18	32	2.5	2.5	5.8	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	9	9	15	33	3.2	3.2	4.8	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305
	9	12	12	33	3.2	3.9	3.9	14,400	4.2	24,000	7.0	26,500	7.8	917	1,667	2,305

Note :

1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 33kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU4M25 U44

Operation	Combination (kBtu/h)					Cooling													
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	-	5	1.5	-	-	-	4,500	1.3	5,000	1.5	6,000	1.8	416	467	684
	7	-	-	-	7	2.1	-	-	-	4,800	1.4	7,000	2.1	8,400	2.5	416	551	741
	9	-	-	-	9	2.6	-	-	-	5,400	1.6	9,000	2.6	10,800	3.2	416	689	961
	12	-	-	-	12	3.5	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	551	944	1,287
	15	-	-	-	15	4.4	-	-	-	8,520	2.5	14,200	4.2	17,040	5.0	661	1,149	1,557
	18	-	-	-	18	5.3	-	-	-	10,800	3.2	18,000	5.3	21,600	6.3	858	1,482	2,013
	24	-	-	-	24	7.0	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,149	2,026	2,830
2 Unit	5	5	-	-	10	1.5	1.5	-	-	6,000	1.8	10,000	2.9	12,000	3.5	423	696	952
	5	7	-	-	12	1.5	2.1	-	-	7,200	2.1	12,000	3.5	14,400	4.2	496	850	1,158
	5	9	-	-	14	1.5	2.6	-	-	8,400	2.5	14,000	4.1	16,800	4.9	595	1,034	1,370
	7	7	-	-	14	2.1	2.1	-	-	8,400	2.5	14,000	4.1	16,800	4.9	595	1,034	1,370
	7	9	-	-	16	2.1	2.6	-	-	9,600	2.8	16,000	4.7	19,200	5.6	670	1,196	1,588
	5	12	-	-	17	1.5	3.5	-	-	10,200	3.0	17,000	5.0	20,400	6.0	721	1,279	1,715
	9	9	-	-	18	2.6	2.6	-	-	10,800	3.2	18,000	5.3	21,600	6.3	772	1,362	1,812
	7	12	-	-	19	2.1	3.5	-	-	11,400	3.3	19,000	5.6	22,800	6.7	798	1,446	1,943
	5	15	-	-	20	1.5	4.4	-	-	12,000	3.5	20,000	5.9	24,000	7.0	850	1,532	2,042
	9	12	-	-	21	2.6	3.5	-	-	12,600	3.7	21,000	6.2	24,150	7.1	902	1,618	2,089
	7	15	-	-	22	2.1	4.4	-	-	13,200	3.9	22,000	6.4	25,300	7.4	955	1,676	2,230
	5	18	-	-	23	1.5	5.3	-	-	13,800	4.0	23,000	6.7	26,450	7.8	981	1,764	2,426
	9	15	-	-	24	2.6	4.4	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,865	2,756
	12	12	-	-	24	3.5	3.5	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,865	2,756
	7	18	-	-	25	2.1	5.3	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,865	2,756
	9	18	-	-	27	2.6	5.3	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,865	2,756
	12	15	-	-	27	3.5	4.4	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,865	2,756
	5	24	-	-	29	1.5	7.0	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,865	2,756
	12	18	-	-	30	3.5	5.3	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,865	2,756
	15	15	-	-	30	4.4	4.4	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,034	1,865	2,814
	7	24	-	-	31	2.1	7.0	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,034	1,865	2,814
	9	24	-	-	33	2.6	7.0	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,034	1,865	2,814
	15	18	-	-	33	4.4	5.3	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,034	1,865	2,814
	18	18	-	-	36	5.3	5.3	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,034	1,865	2,814
	12	24	-	-	36	3.5	7.0	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,034	1,865	2,814
3 Unit	5	5	5	-	15	1.5	1.5	1.5	-	9,000	2.6	15,000	4.4	18,000	5.3	583	1,023	1,405
	5	5	7	-	17	1.5	1.5	2.1	-	10,200	3.0	17,000	5.0	20,400	6.0	678	1,176	1,613
	5	5	9	-	19	1.5	1.5	2.6	-	11,400	3.3	19,000	5.6	22,800	6.7	750	1,333	1,826
	5	7	7	-	19	1.5	2.1	2.1	-	11,400	3.3	19,000	5.6	22,800	6.7	750	1,333	1,826
	5	7	9	-	21	1.5	2.1	2.6	-	12,600	3.7	21,000	6.2	25,200	7.4	848	1,494	2,096
	7	7	7	-	21	2.1	2.1	2.1	-	12,600	3.7	21,000	6.2	25,200	7.4	848	1,494	2,096
	5	5	12	-	22	1.5	1.5	3.5	-	13,200	3.9	22,000	6.4	26,400	7.7	897	1,548	2,234
	5	9	9	-	23	1.5	2.6	2.6	-	13,800	4.0	23,000	6.7	27,600	8.1	922	1,630	2,441
	7	7	9	-	23	2.1	2.1	2.6	-	13,800	4.0	23,000	6.7	27,600	8.1	922	1,630	2,441
	5	7	12	-	24	1.5	2.1	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	5	5	15	-	25	1.5	1.5	4.4	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	7	9	9	-	25	2.1	2.6	2.6	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	5	9	12	-	26	1.5	2.6	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	7	7	12	-	26	2.1	2.1	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	5	7	15	-	27	1.5	2.1	4.4	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	9	9	9	-	27	2.6	2.6	2.6	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	7	9	12	-	28	2.1	2.6	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	5	5	18	-	28	1.5	1.5	5.3	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	5	9	15	-	29	1.5	2.6	4.4	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	5	12	12	-	29	1.5	3.5	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	7	7	15	-	29	2.1	2.1	4.4	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	5	7	18	-	30	1.5	2.1	5.3	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	9	9	12	-	30	2.6	2.6	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	7	9	15	-	31	2.1	2.6	4.4	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	7	12	12	-	31	2.1	3.5	3.5	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	5	12	15	-	32	1.5	3.5	4.4	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	5	9	18	-	32	1.5	2.6	5.3	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	7	7	18	-	32	2.1	2.1	5.3	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	9	9	15	-	33	2.6	2.6	4.4	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	9	12	12	-	33	2.6	3.5	3.5	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	7	9	18	-	34	2.1	2.6	5.3	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	7	12	15	-	34	2.1	3.5	4.4	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	5	5	24	-	34	1.5	1.5	7.0	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	5	12	18	-	35	1.5	3.5	5.3	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	5	15	15	-	35	1.5	4.4	4.4	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	5	7	24	-	36	1.5	2.1	7.0	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	9	12	15	-	36	2.6	3.5	4.4	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	12	12	12	-	36	3.5	3.5	3.5	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	9	9	18	-	36	2.6	2.6	5.3	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	7	12	18		37	2.1	3.5	5.3		14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	7	15	15	-	37	2.1	4.4	4.4	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	5	9	24	-	38	1.5	2.6	7.0	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	5	15	18	-	38	1.5	4.4	5.3	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	7	7	24	-	38	2.1	2.1	7.0	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	9	12	18	-	39	2.6	3.5	5.3	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	9	15	15	-	39	2.6	4.4	4.4	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677
	12	12	15	-	39	3.5	3.5	4.4	-	14,400	4.2	24,000	7.0	29,000	8.5	972	1,714	2,677

Operation	Combination (kBtu/h)					Cooling												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4 Unit	5	5	5	5	20	1.5	1.5	1.5	1.5	12,000	3.5	20,000	5.9	24,000	7.0	759	1,342	1,823
	5	5	5	7	22	1.5	1.5	1.5	2.1	13,200	3.9	22,000	6.4	26,400	7.7	853	1,471	2,122
	5	5	5	9	24	1.5	1.5	1.5	2.6	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	5	7	7	24	1.5	1.5	2.1	2.1	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	5	7	9	26	1.5	1.5	2.1	2.6	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	7	7	7	26	1.5	2.1	2.1	2.1	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	5	5	12	27	1.5	1.5	1.5	3.5	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	5	9	9	28	1.5	1.5	2.6	2.6	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	7	7	9	28	1.5	2.1	2.1	2.6	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	7	7	7	7	28	2.1	2.1	2.1	2.1	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	5	7	12	29	1.5	1.5	2.1	3.5	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	5	5	15	30	1.5	1.5	1.5	4.4	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	7	9	9	30	1.5	2.1	2.6	2.6	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	7	7	7	9	30	2.1	2.1	2.1	2.6	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	5	9	12	31	1.5	1.5	2.6	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	7	7	12	31	1.5	2.1	2.1	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	5	7	15	32	1.5	1.5	2.1	4.4	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	7	7	9	9	32	2.1	2.1	2.6	2.6	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	9	9	9	32	1.5	2.6	2.6	2.6	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	5	5	18	33	1.5	1.5	1.5	5.3	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	7	9	12	33	1.5	2.1	2.6	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	7	7	7	12	33	2.1	2.1	2.1	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	5	9	15	34	1.5	1.5	2.6	4.4	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	5	12	12	34	1.5	1.5	3.5	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	7	7	15	34	1.5	2.1	2.1	4.4	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	7	9	9	9	34	2.1	2.6	2.6	2.6	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	5	7	18	35	1.5	1.5	2.1	5.3	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	9	9	12	35	1.5	2.6	2.6	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	7	7	9	12	35	2.1	2.1	2.6	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	7	9	15	36	1.5	2.1	2.6	4.4	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	7	12	12	36	1.5	2.1	3.5	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	7	7	7	15	36	2.1	2.1	2.1	4.4	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	9	9	9	9	36	2.6	2.6	2.6	2.6	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	5	9	18	37	1.5	1.5	2.6	5.3	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	5	12	15	37	1.5	1.5	3.5	4.4	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	7	7	18	37	1.5	2.1	2.1	5.3	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	7	9	9	12	37	2.1	2.6	2.6	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	9	9	15	38	1.5	2.6	2.6	4.4	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	7	7	9	15	38	2.1	2.1	2.6	4.4	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	7	7	12	12	38	2.1	2.1	3.5	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	5	5	24	39	1.5	1.5	1.5	7.0	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	7	9	18	39	1.5	2.1	2.6	5.3	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	5	7	12	15	39	1.5	2.1	3.5	4.4	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	9	9	9	12	39	2.6	2.6	2.6	3.5	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482
	7	7	7	18	39	2.1	2.1	2.1	5.3	14,400	4.2	24,000	7.0	29,000	8.5	924	1,628	2,482

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 39kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

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Operation	Combination (kBtu/h)					Heating												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	-	5	1.6	-	-	-	5,000	1.5	5,500	1.6	6,325	1.9	610	610	747
	7	-	-	-	7	2.5	-	-	-	5,500	1.6	8,400	2.5	9,660	2.8	610	665	862
	9	-	-	-	9	3.2	-	-	-	6,480	1.9	10,800	3.2	12,420	3.6	610	864	1,126
	12	-	-	-	12	3.9	-	-	-	7,920	2.3	13,200	3.9	15,180	4.4	610	1,067	1,399
	15	-	-	-	15	4.8	-	-	-	9,900	2.9	16,500	4.8	18,975	5.6	778	1,337	1,823
	18	-	-	-	18	5.8	-	-	-	11,880	3.5	19,800	5.8	22,770	6.7	950	1,649	2,230
	24	-	-	-	24	7.4	-	-	-	15,240	4.5	25,400	7.4	26,670	7.8	1,246	2,172	2,654
2 Unit	5	5	-	-	10	1.6	1.6	-	-	7,200	2.1	12,000	3.5	14,400	4.2	471	808	1,130
	5	7	-	-	12	1.6	2.5	-	-	8,640	2.5	14,400	4.2	17,280	5.1	566	983	1,397
	5	9	-	-	14	1.6	3.2	-	-	10,080	3.0	16,800	4.9	20,160	5.9	685	1,163	1,643
	7	7	-	-	14	2.5	2.5	-	-	10,080	3.0	16,800	4.9	20,160	5.9	685	1,163	1,643
	7	9	-	-	16	2.5	3.2	-	-	11,520	3.4	19,200	5.6	23,040	6.8	783	1,348	1,928
	5	12	-	-	17	1.6	3.9	-	-	12,240	3.6	20,400	6.0	24,480	7.2	832	1,456	2,057
	9	9	-	-	18	3.2	3.2	-	-	12,960	3.8	21,600	6.3	25,920	7.6	882	1,537	2,189
	7	12	-	-	19	2.5	3.9	-	-	13,680	4.0	22,800	6.7	27,360	8.0	932	1,648	2,323
	5	15	-	-	20	1.6	4.8	-	-	14,400	4.2	24,000	7.0	28,800	8.4	983	1,732	2,459
	9	12	-	-	21	3.2	3.9	-	-	15,120	4.4	25,200	7.4	30,240	8.9	1,034	1,846	2,644
	7	15	-	-	22	2.5	4.8	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,085	1,932	2,877
	5	18	-	-	23	1.6	5.8	-	-	16,560	4.9	27,600	8.1	32,000	9.4	1,163	2,049	2,955
	9	15	-	-	24	3.2	4.8	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	12	12	-	-	24	3.9	3.9	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	7	18	-	-	25	2.5	5.8	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	9	18	-	-	27	3.2	5.8	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	12	15	-	-	27	3.9	4.8	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	5	24	-	-	29	1.6	7.4	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	12	18	-	-	30	3.9	5.8	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	15	15	-	-	30	4.8	4.8	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	7	24	-	-	31	2.5	7.4	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	9	24	-	-	33	3.2	7.4	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	15	18	-	-	33	4.8	5.8	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	18	18	-	-	36	5.8	5.8	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
	12	24	-	-	36	3.9	7.4	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,215	2,138	2,955
3 Unit	5	5	5	-	15	1.6	1.6	1.6	-	10,800	3.2	18,000	5.3	21,600	6.3	690	1,192	1,662
	5	5	7	-	17	1.6	1.6	2.5	-	12,240	3.6	20,400	6.0	24,480	7.2	782	1,368	1,934
	5	5	9	-	19	1.6	1.6	3.2	-	13,680	4.0	22,800	6.7	27,360	8.0	876	1,549	2,183
	5	7	7	-	19	1.6	2.5	2.5	-	13,680	4.0	22,800	6.7	27,360	8.0	876	1,549	2,183
	5	7	9	-	21	1.6	2.5	3.2	-	15,120	4.4	25,200	7.4	30,240	8.9	972	1,735	2,486
	7	7	7	-	21	2.5	2.5	2.5	-	15,120	4.4	25,200	7.4	30,240	8.9	972	1,735	2,486
	5	5	12	-	22	1.6	1.6	3.9	-	15,840	4.6	26,400	7.7	31,680	9.3	1,020	1,817	2,650
	5	9	9	-	23	1.6	3.2	3.2	-	16,560	4.9	27,600	8.1	32,000	9.4	1,093	1,926	2,694
	7	7	9	-	23	2.5	2.5	3.2	-	16,560	4.9	27,600	8.1	32,000	9.4	1,093	1,926	2,694
	5	7	12	-	24	1.6	2.5	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	5	15	-	25	1.6	1.6	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	9	9	-	25	2.5	3.2	3.2	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	9	12	-	26	1.6	3.2	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	7	12	-	26	2.5	2.5	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	7	15	-	27	1.6	2.5	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	9	9	9	-	27	3.2	3.2	3.2	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	9	12	-	28	2.5	3.2	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	5	18	-	28	1.6	1.6	5.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	9	15	-	29	1.6	3.2	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	12	12	-	29	1.6	3.9	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	7	15	-	29	2.5	2.5	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	7	18	-	30	1.6	2.5	5.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	9	9	12	-	30	3.2	3.2	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	9	15	-	31	2.5	3.2	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	12	12	-	31	2.5	3.9	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	12	15	-	32	1.6	3.9	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	9	18	-	32	1.6	3.2	5.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	7	18	-	32	2.5	2.5	5.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	9	9	15	-	33	3.2	3.2	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	9	12	12	-	33	3.2	3.9	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	9	18	-	34	2.5	3.2	5.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	12	15	-	34	2.5	3.9	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	5	24	-	34	1.6	1.6	7.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	12	18	-	35	1.6	3.9	5.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	15	15	-	35	1.6	4.8	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	7	24	-	36	1.6	2.5	7.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	9	12	15	-	36	3.2	3.9	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	12	12	12	-	36	3.9	3.9	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	9	9	18	-	36	3.2	3.2	5.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	12	18	-	37	2.5	3.9	5.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	15	15	-	37	2.5	4.8	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	9	24	-	38	1.6	3.2	7.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	5	15	18	-	38	2.5	2.5	5.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	7	7	24	-	38	2.5	2.5	7.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	9	12	18	-	39	3.2	3.9	5.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	9	15	15	-	39	3.2	4.8	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694
	12	12	15	-	39	3.9	3.9	4.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,142	2,010	2,694

Operation	Combination (kBtu/h)					Heating													
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4 Unit	5	5	5	5	20	1.6	1.6	1.6	1.6	14,400	4.2	24,000	7.0	28,800	8.4	878	1,547	2,195
	5	5	5	7	22	1.6	1.6	1.6	2.5	15,840	4.6	26,400	7.7	31,680	9.3	969	1,726	2,527
	5	5	5	9	24	1.6	1.6	1.6	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	7	7	24	1.6	1.6	2.5	2.5	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	7	9	26	1.6	1.6	2.5	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	7	7	26	1.6	2.5	2.5	2.5	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	5	12	27	1.6	1.6	1.6	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	9	9	28	1.6	1.6	3.2	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	7	9	28	1.6	2.5	2.5	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	7	7	7	28	2.5	2.5	2.5	2.5	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	7	12	29	1.6	1.6	2.5	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	5	15	30	1.6	1.6	1.6	4.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	9	9	30	1.6	2.5	3.2	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	7	7	9	30	2.5	2.5	2.5	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	9	12	31	1.6	1.6	3.2	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	7	12	31	1.6	2.5	2.5	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	7	15	32	1.6	1.6	2.5	4.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	7	9	9	32	2.5	2.5	3.2	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	9	9	9	32	1.6	3.2	3.2	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	5	18	33	1.6	1.6	1.6	5.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	9	12	33	1.6	2.5	3.2	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	7	7	12	33	2.5	2.5	2.5	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	9	15	34	1.6	1.6	3.2	4.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	12	12	34	1.6	1.6	3.9	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	7	15	34	1.6	2.5	2.5	4.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	9	9	9	34	2.5	3.2	3.2	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	7	18	35	1.6	1.6	2.5	5.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	9	9	12	35	1.6	3.2	3.2	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	7	9	12	35	2.5	2.5	3.2	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	9	15	36	1.6	2.5	3.2	4.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	12	12	36	1.6	2.5	3.9	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	7	7	15	36	2.5	2.5	2.5	4.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	9	9	9	9	36	3.2	3.2	3.2	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	9	18	37	1.6	1.6	3.2	5.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	12	15	37	1.6	1.6	3.9	4.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	7	18	37	1.6	2.5	2.5	5.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	9	9	12	37	2.5	3.2	3.2	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	9	9	15	38	1.6	3.2	3.2	4.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	7	9	15	38	2.5	2.5	3.2	4.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	7	12	12	38	2.5	2.5	3.9	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	5	5	24	39	1.6	1.6	1.6	7.4	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	9	18	39	1.6	2.5	3.2	5.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	5	7	12	15	39	1.6	2.5	3.9	4.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	9	9	9	12	39	3.2	3.2	3.2	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575
	7	7	7	18	39	2.5	2.5	2.5	5.8	17,280	5.1	28,800	8.4	32,000	9.4	1,085	1,909	2,575

Note :

1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 39kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU4M27 U44

Operation	Combination (kBtu/h)					Cooling													
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	-	5	1.5	-	-	-	4,500	1.3	5,000	1.5	6,000	1.8	416	467	684
	7	-	-	-	7	2.1	-	-	-	4,800	1.4	7,000	2.1	8,400	2.5	416	551	741
	9	-	-	-	9	2.6	-	-	-	5,400	1.6	9,000	2.6	10,800	3.2	416	689	961
	12	-	-	-	12	3.5	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	551	944	1,287
	15	-	-	-	15	4.4	-	-	-	8,520	2.5	14,200	4.2	17,040	5.0	661	1,149	1,557
	18	-	-	-	18	5.3	-	-	-	10,800	3.2	18,000	5.3	21,600	6.3	858	1,482	2,013
	24	-	-	-	24	7.0	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,149	2,026	2,830
2 Unit	5	5	-	-	10	1.5	1.5	-	-	6,000	1.8	10,000	2.9	12,000	3.5	423	696	952
	5	7	-	-	12	1.5	2.1	-	-	7,200	2.1	12,000	3.5	14,400	4.2	496	850	1,158
	5	9	-	-	14	1.5	2.6	-	-	8,400	2.5	14,000	4.1	16,800	4.9	595	1,008	1,370
	7	7	-	-	14	2.1	2.1	-	-	8,400	2.5	14,000	4.1	16,800	4.9	595	1,008	1,370
	7	9	-	-	16	2.1	2.6	-	-	9,600	2.8	16,000	4.7	19,200	5.6	670	1,169	1,588
	5	12	-	-	17	1.5	3.5	-	-	10,200	3.0	17,000	5.0	20,400	6.0	721	1,251	1,715
	9	9	-	-	18	2.6	2.6	-	-	10,800	3.2	18,000	5.3	21,600	6.3	772	1,334	1,812
	7	12	-	-	19	2.1	3.5	-	-	11,400	3.3	19,000	5.6	22,800	6.7	798	1,418	1,943
	5	15	-	-	20	1.5	4.4	-	-	12,000	3.5	20,000	5.9	24,000	7.0	850	1,503	2,042
	9	12	-	-	21	2.6	3.5	-	-	12,600	3.7	21,000	6.2	25,200	7.4	902	1,589	2,230
	7	15	-	-	22	2.1	4.4	-	-	13,200	3.9	22,000	6.4	26,400	7.7	955	1,647	2,376
	5	18	-	-	23	1.5	5.3	-	-	13,800	4.0	23,000	6.7	27,600	8.1	981	1,734	2,586
	9	15	-	-	24	2.6	4.4	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,823	2,756
	12	12	-	-	24	3.5	3.5	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,823	2,756
	7	18	-	-	25	2.1	5.3	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,088	1,948	2,993
	9	18	-	-	27	2.6	5.3	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
	12	15	-	-	27	3.5	4.4	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
	5	24	-	-	29	1.5	7.0	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
	12	18	-	-	30	3.5	5.3	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
	15	15	-	-	30	4.4	4.4	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
	7	24	-	-	31	2.1	7.0	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
	9	24	-	-	33	2.6	7.0	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
	15	18	-	-	33	4.4	5.3	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
	18	18	-	-	36	5.3	5.3	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
	12	24	-	-	36	3.5	7.0	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
	15	24	-	-	39	4.4	7.0	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,169	2,212	3,180
3 Unit	5	5	5	-	15	1.5	1.5	1.5	-	9,000	2.6	15,000	4.4	18,000	5.3	583	1,023	1,405
	5	5	7	-	17	1.5	1.5	2.1	-	10,200	3.0	17,000	5.0	20,400	6.0	678	1,176	1,613
	5	5	9	-	19	1.5	1.5	2.6	-	11,400	3.3	19,000	5.6	22,800	6.7	750	1,333	1,826
	5	7	7	-	19	1.5	2.1	2.1	-	11,400	3.3	19,000	5.6	22,800	6.7	750	1,333	1,826
	5	7	9	-	21	1.5	2.1	2.6	-	12,600	3.7	21,000	6.2	25,200	7.4	848	1,494	2,096
	7	7	7	-	21	2.1	2.1	2.1	-	12,600	3.7	21,000	6.2	25,200	7.4	848	1,494	2,096
	5	5	12	-	22	1.5	1.5	3.5	-	13,200	3.9	22,000	6.4	26,400	7.7	897	1,548	2,234
	5	9	9	-	23	1.5	2.6	2.6	-	13,800	4.0	23,000	6.7	27,600	8.1	922	1,630	2,441
	7	7	9	-	23	2.1	2.1	2.6	-	13,800	4.0	23,000	6.7	27,600	8.1	922	1,630	2,441
	5	7	12	-	24	1.5	2.1	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	5	5	15	-	25	1.5	1.5	4.4	-	15,000	4.4	25,000	7.3	30,000	8.8	1,023	1,831	2,865
	7	9	9	-	25	2.1	2.6	2.6	-	15,000	4.4	25,000	7.3	30,000	8.8	1,023	1,831	2,865
	5	9	12	-	26	1.5	2.6	3.5	-	15,600	4.6	26,000	7.6	31,200	9.1	1,073	1,953	3,063
	7	7	12	-	26	2.1	2.1	3.5	-	15,600	4.6	26,000	7.6	31,200	9.1	1,073	1,953	3,063
	5	7	15	-	27	1.5	2.1	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	9	9	9	-	27	2.6	2.6	2.6	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	9	12	-	28	2.1	2.6	3.5	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	5	18	-	28	1.5	1.5	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	9	15	-	29	1.5	2.6	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	12	12	-	29	1.5	3.5	3.5	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	7	15	-	29	2.1	2.1	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	7	18	-	30	1.5	2.1	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	9	9	12	-	30	2.6	2.6	3.5	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	9	15	-	31	2.1	2.6	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	12	12	-	31	2.1	3.5	3.5	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	12	15	-	32	1.5	3.5	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	9	18	-	32	1.5	2.6	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	7	18	-	32	2.1	2.1	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	9	9	15	-	33	2.6	2.6	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	9	12	12	-	33	2.6	3.5	3.5	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	9	18	-	34	2.1	2.6	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	12	15	-	34	2.1	3.5	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	5	24	-	34	1.5	1.5	7.0	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	12	18	-	35	1.5	3.5	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	15	15	-	35	1.5	4.4	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	7	24	-	36	1.5	2.1	7.0	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	9	12	15	-	36	2.6	3.5	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	12	12	12	-	36	3.5	3.5	3.5	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	9	9	18	-	36	2.6	2.6	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	12	18	-	37	2.1	3.5	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	15	15	-	37	2.1	4.4	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	9	24	-	38	1.5	2.6	7.0	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	15	18	-	38	1.5	4.4	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	7	24	-	38	2.1	2.1	7.0	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	9	12	18	-	39	2.6	3.5	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	9	15	15	-	39	2.6	4.4	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	12	12	15	-	39	3.5	3.5	4.4	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	9	24	-	40	2.1	2.6	7.0	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	7	15	18	-	40	2.1	4.4	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	12	24	-	41	1.5	3.5	7.0	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063
	5	18	18	-	41	1.5	5.3	5.3	-	16,200	4.7	27,000	7.9	31,050	9.1	1,099	2,079	3,063

Operation	Combination (kBtu/h)					Cooling													
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4 Unit	5	5	5	5	20	1.5	1.5	1.5	1.5	12,000	3.5	20,000	5.9	24,000	7.0	759	1,342	1,823
	5	5	5	7	22	1.5	1.5	1.5	2.1	13,200	3.9	22,000	6.4	26,400	7.7	853	1,471	2,122
	5	5	5	9	24	1.5	1.5	1.5	2.6	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	5	7	7	24	1.5	1.5	2.1	2.1	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	5	7	9	26	1.5	1.5	2.1	2.6	15,600	4.6	26,000	7.6	31,200	9.1	1,020	1,855	2,772
	5	7	7	7	26	1.5	2.1	2.1	2.1	15,600	4.6	26,000	7.6	31,200	9.1	1,020	1,855	2,772
	5	5	5	12	27	1.5	1.5	1.5	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	9	9	28	1.5	1.5	2.6	2.6	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	7	7	9	28	1.5	2.1	2.1	2.6	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	7	7	28	2.1	2.1	2.1	2.1	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	7	12	29	1.5	1.5	2.1	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	5	15	30	1.5	1.5	1.5	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	7	9	9	30	1.5	2.1	2.6	2.6	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	7	9	30	2.1	2.1	2.1	2.6	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	9	12	31	1.5	1.5	2.6	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	7	7	12	31	1.5	2.1	2.1	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	7	15	32	1.5	1.5	2.1	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	9	9	32	2.1	2.1	2.6	2.6	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	9	9	9	32	1.5	2.6	2.6	2.6	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	5	18	33	1.5	1.5	1.5	5.3	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	7	9	12	33	1.5	2.1	2.6	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	7	12	33	2.1	2.1	2.1	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	9	15	34	1.5	1.5	2.6	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	12	12	34	1.5	1.5	3.5	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	7	7	15	34	1.5	2.1	2.1	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	9	9	9	34	2.1	2.6	2.6	2.6	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	7	18	35	1.5	1.5	2.1	5.3	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	9	9	12	35	1.5	2.6	2.6	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	9	12	35	2.1	2.1	2.6	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	7	9	15	36	1.5	2.1	2.6	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	7	12	12	36	1.5	2.1	3.5	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	7	15	36	2.1	2.1	2.1	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	9	9	9	9	36	2.6	2.6	2.6	2.6	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	9	18	37	1.5	1.5	2.6	5.3	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	12	15	37	1.5	1.5	3.5	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	7	7	18	37	1.5	2.1	2.1	5.3	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	9	9	12	37	2.1	2.6	2.6	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	9	9	15	38	1.5	2.6	2.6	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	9	15	38	2.1	2.1	2.6	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	12	12	38	2.1	2.1	3.5	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	5	24	39	1.5	1.5	1.5	7.0	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	7	9	18	39	1.5	2.1	2.6	5.3	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	7	12	15	39	1.5	2.1	3.5	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	9	9	9	12	39	2.6	2.6	2.6	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	7	18	39	2.1	2.1	2.1	5.3	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	9	9	15	40	2.1	2.6	2.6	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	9	12	12	40	2.1	2.6	3.5	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	7	24	41	1.5	1.5	2.1	7.0	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	9	12	15	41	1.5	2.6	3.5	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	12	12	12	41	1.5	3.5	3.5	3.5	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	12	15	41	2.1	2.1	3.5	4.4	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	7	7	9	18	41	2.1	2.1	2.6	5.3	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 41kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU4M27 U44

Operation	Combination (kBtu/h)					Heating												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	-	5	1.6	-	-	-	5,000	1.5	5,500	1.6	6,325	1.9	610	610	747
	7	-	-	-	7	2.5	-	-	-	5,400	1.6	8,400	2.5	9,660	2.8	610	665	862
	9	-	-	-	9	3.2	-	-	-	6,480	1.9	10,800	3.2	12,420	3.6	610	864	1,126
	12	-	-	-	12	3.9	-	-	-	7,920	2.3	13,200	3.9	15,180	4.4	610	1,067	1,399
	15	-	-	-	15	4.8	-	-	-	9,900	2.9	16,500	4.8	18,975	5.6	778	1,337	1,823
	18	-	-	-	18	5.8	-	-	-	11,880	3.5	19,800	5.8	22,770	6.7	950	1,649	2,230
	24	-	-	-	24	7.4	-	-	-	15,240	4.5	25,400	7.4	26,670	7.8	1,246	2,172	2,654
2 Unit	5	5	-	-	10	1.6	1.6	-	-	7,200	2.1	12,000	3.5	14,400	4.2	471	808	1,130
	5	7	-	-	12	1.6	2.5	-	-	8,640	2.5	14,400	4.2	17,280	5.1	566	983	1,397
	5	9	-	-	14	1.6	3.2	-	-	10,080	3.0	16,800	4.9	20,160	5.9	685	1,163	1,643
	7	7	-	-	14	2.5	2.5	-	-	10,080	3.0	16,800	4.9	20,160	5.9	685	1,163	1,643
	7	9	-	-	16	2.5	3.2	-	-	11,520	3.4	19,200	5.6	23,040	6.8	783	1,348	1,928
	5	12	-	-	17	1.6	3.9	-	-	12,240	3.6	20,400	6.0	24,480	7.2	832	1,456	2,057
	9	9	-	-	18	3.2	3.2	-	-	12,960	3.8	21,600	6.3	25,920	7.6	882	1,537	2,189
	7	12	-	-	19	2.5	3.9	-	-	13,680	4.0	22,800	6.7	27,360	8.0	932	1,648	2,323
	5	15	-	-	20	1.6	4.8	-	-	14,400	4.2	24,000	7.0	28,800	8.4	983	1,732	2,459
	9	12	-	-	21	3.2	3.9	-	-	15,120	4.4	25,200	7.4	30,240	8.9	1,034	1,846	2,644
	7	15	-	-	22	2.5	4.8	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,085	1,932	2,877
	5	18	-	-	23	1.6	5.8	-	-	16,560	4.9	27,600	8.1	33,120	9.7	1,163	2,049	3,200
	9	15	-	-	24	3.2	4.8	-	-	17,280	5.1	28,800	8.4	34,100	10.0	1,228	2,138	3,463
	12	12	-	-	24	3.9	3.9	-	-	17,280	5.1	28,800	8.4	34,100	10.0	1,228	2,138	3,463
	7	18	-	-	25	2.5	5.8	-	-	18,000	5.3	30,000	8.8	34,100	10.0	1,280	2,267	3,463
	9	18	-	-	27	3.2	5.8	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
	12	15	-	-	27	3.9	4.8	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
	5	24	-	-	29	1.6	7.4	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
	12	18	-	-	30	3.9	5.8	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
	15	15	-	-	30	4.8	4.8	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
	7	24	-	-	31	2.5	7.4	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
	9	24	-	-	33	3.2	7.4	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
	15	18	-	-	33	4.8	5.8	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
	18	18	-	-	36	5.8	5.8	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
	12	24	-	-	36	3.9	7.4	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
	15	24	-	-	39	4.8	7.4	-	-	18,600	5.5	31,000	9.1	34,100	10.0	1,333	2,234	3,463
3 Unit	5	5	5	-	15	1.6	1.6	1.6	-	10,800	3.2	18,000	5.3	21,600	6.3	690	1,192	1,662
	5	5	7	-	17	1.6	1.6	2.5	-	12,240	3.6	20,400	6.0	24,480	7.2	782	1,368	1,934
	5	5	9	-	19	1.6	1.6	3.2	-	13,680	4.0	22,800	6.7	27,360	8.0	876	1,549	2,183
	5	7	7	-	19	1.6	2.5	2.5	-	13,680	4.0	22,800	6.7	27,360	8.0	876	1,549	2,183
	5	7	9	-	21	1.6	2.5	3.2	-	15,120	4.4	25,200	7.4	30,240	8.9	972	1,735	2,486
	7	7	7	-	21	2.5	2.5	2.5	-	15,120	4.4	25,200	7.4	30,240	8.9	972	1,735	2,486
	5	5	12	-	22	1.6	1.6	3.9	-	15,840	4.6	26,400	7.7	31,680	9.3	1,020	1,817	2,650
	5	9	9	-	23	1.6	3.2	3.2	-	16,560	4.9	27,600	8.1	33,120	9.7	1,093	1,926	2,831
	7	7	9	-	23	2.5	2.5	3.2	-	16,560	4.9	27,600	8.1	33,120	9.7	1,093	1,926	2,831
	5	7	12	-	24	1.6	2.5	3.9	-	17,280	5.1	28,800	8.4	34,560	10.1	1,142	2,010	3,020
	5	5	15	-	25	1.6	1.6	4.8	-	18,000	5.3	30,000	8.8	34,720	10.2	1,192	2,131	3,068
	7	9	9	-	25	2.5	3.2	3.2	-	18,000	5.3	30,000	8.8	34,720	10.2	1,192	2,131	3,068
	5	9	12	-	26	1.6	3.2	3.9	-	18,720	5.5	31,200	9.1	34,720	10.2	1,242	2,228	3,068
	7	7	12	-	26	2.5	2.5	3.9	-	18,720	5.5	31,200	9.1	34,720	10.2	1,242	2,228	3,068
	5	7	15	-	27	1.6	2.5	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	9	9	9	-	27	3.2	3.2	3.2	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	9	12	-	28	2.5	3.2	3.9	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	5	18	-	28	1.6	1.6	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	9	15	-	29	1.6	3.2	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	12	12	-	29	1.6	3.9	3.9	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	7	15	-	29	2.5	2.5	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	7	18	-	30	1.6	2.5	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	9	9	12	-	30	3.2	3.2	3.9	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	9	15	-	31	2.5	3.2	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	12	12	-	31	2.5	3.9	3.9	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	12	15	-	32	1.6	3.9	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	9	18	-	32	1.6	3.2	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	7	18	-	32	2.5	2.5	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	9	9	15	-	33	3.2	3.2	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	9	12	12	-	33	3.2	3.9	3.9	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	9	18	-	34	2.5	3.2	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	12	15	-	34	2.5	3.9	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	5	24	-	34	1.6	1.6	7.4	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	12	18	-	35	1.6	3.9	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	15	15	-	35	1.6	4.8	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	7	24	-	36	1.6	2.5	7.4	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	9	12	15	-	36	3.2	3.9	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	12	12	12	-	36	3.9	3.9	3.9	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	9	9	18	-	36	3.2	3.2	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	12	18	-	37	2.5	3.9	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	15	15	-	37	2.5	4.8	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	9	24	-	38	1.6	3.2	7.4	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	15	18	-	38	2.5	2.5	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	7	24	-	38	3.2	3.9	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	9	12	18	-	39	3.2	4.8	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	9	15	15	-	39	3.9	3.9	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	12	12	15	-	39	4.8	4.8	4.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	9	24	-	40	3.2	3.2	7.4	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	7	15	18	-	40	3.2	4.8	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	12	24	-	41	1.6	4.8	7.4	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068
	5	18	18	-	41	1.6	5.8	5.8	-	18,600	5.5	31,000	9.1	34,720	10.2	1,242	2,228	3,068

Operation	Combination (kBtu/h)					Heating												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4 Unit	5	5	5	5	20	1.6	1.6	1.6	1.6	14,400	4.2	24,000	7.0	28,800	8.4	878	1,547	2,195
	5	5	5	7	22	1.6	1.6	1.6	2.5	15,840	4.6	26,400	7.7	31,680	9.3	969	1,726	2,527
	5	5	5	9	24	1.6	1.6	1.6	3.2	17,280	5.1	28,800	8.4	34,560	10.1	1,085	1,909	2,927
	5	5	7	7	24	1.6	1.6	2.5	2.5	17,280	5.1	28,800	8.4	34,560	10.1	1,085	1,909	2,927
	5	5	7	9	26	1.6	1.6	2.5	3.2	18,000	5.3	30,000	8.8	36,000	10.6	1,132	2,024	3,198
	5	7	7	7	26	1.6	2.5	2.5	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,132	2,024	3,198
	5	5	5	12	27	1.6	1.6	1.6	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	9	9	28	1.6	1.6	3.2	3.2	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	7	7	9	28	1.6	2.5	2.5	3.2	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	7	7	28	2.5	2.5	2.5	2.5	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	7	12	29	1.6	1.6	2.5	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	5	15	30	1.6	1.6	1.6	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	7	9	9	30	1.6	2.5	3.2	3.2	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	7	9	30	2.5	2.5	2.5	3.2	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	9	12	31	1.6	1.6	3.2	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	7	7	12	31	1.6	2.5	2.5	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	7	15	32	1.6	1.6	2.5	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	9	9	32	2.5	2.5	3.2	3.2	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	9	9	9	32	1.6	3.2	3.2	3.2	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	5	18	33	1.6	1.6	1.6	5.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	7	9	12	33	1.6	2.5	3.2	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	7	12	33	2.5	2.5	2.5	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	9	15	34	1.6	1.6	3.2	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	12	12	34	1.6	1.6	3.9	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	7	7	15	34	1.6	2.5	2.5	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	9	9	9	34	2.5	3.2	3.2	3.2	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	7	18	35	1.6	1.6	2.5	5.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	9	9	12	35	1.6	3.2	3.2	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	9	12	35	2.5	2.5	3.2	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	7	9	15	36	1.6	2.5	3.2	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	7	12	12	36	1.6	2.5	3.9	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	7	15	36	2.5	2.5	2.5	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	9	9	9	9	36	3.2	3.2	3.2	3.2	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	9	18	37	1.6	1.6	3.2	5.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	12	15	37	1.6	1.6	3.9	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	7	7	18	37	1.6	2.5	2.5	5.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	9	9	12	37	2.5	3.2	3.2	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	9	9	15	38	1.6	3.2	3.2	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	9	15	38	2.5	2.5	3.2	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	12	12	38	2.5	2.5	3.9	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	5	24	39	1.6	1.6	1.6	7.4	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	7	9	18	39	1.6	2.5	3.2	5.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	7	12	15	39	1.6	2.5	3.9	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	9	9	9	12	39	3.2	3.2	3.2	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	7	18	39	2.5	2.5	2.5	5.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	9	9	15	40	2.5	3.2	3.2	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	9	12	12	40	2.5	3.2	3.9	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	5	7	24	41	1.6	1.6	2.5	7.4	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	9	12	15	41	1.6	3.2	3.9	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	5	12	12	12	41	1.6	3.9	3.9	3.9	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	12	15	41	2.5	2.5	3.9	4.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198
	7	7	9	18	41	2.5	2.5	3.2	5.8	18,600	5.5	31,000	9.1	36,000	10.6	1,180	2,116	3,198

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 41kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU5M30 U44

Operation	Combination (kBtu/h)						Cooling: Each Capacity (kW)					Cooling: Total Capacity Min		Total Capacity Rated		Total Capacity Max		Total Input (W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	-	-	5	1.5	-	-	-	-	4,500	1.3	5,000	1.5	6,000	1.8	416	467	684
	7	-	-	-	-	7	2.1	-	-	-	-	4,800	1.4	7,000	2.1	8,400	2.5	416	551	741
	9	-	-	-	-	9	2.6	-	-	-	-	5,400	1.6	9,000	2.6	10,800	3.2	416	689	961
	12	-	-	-	-	12	3.5	-	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	551	944	1,287
	15	-	-	-	-	15	4.4	-	-	-	-	8,520	2.5	14,200	4.2	17,040	5.0	661	1,149	1,557
	18	-	-	-	-	18	5.3	-	-	-	-	10,800	3.2	18,000	5.3	21,600	6.3	858	1,482	2,013
	24	-	-	-	-	24	7.0	-	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,149	2,026	2,830
2 Unit	5	5	-	-	-	10	1.5	1.5	-	-	-	6,000	1.8	10,000	2.9	12,000	3.5	423	696	952
	5	7	-	-	-	12	1.5	2.1	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	496	850	1,158
	5	9	-	-	-	14	1.5	2.6	-	-	-	8,400	2.5	14,000	4.1	16,800	4.9	595	1,008	1,370
	7	7	-	-	-	14	2.1	2.1	-	-	-	8,400	2.5	14,000	4.1	16,800	4.9	595	1,008	1,370
	7	9	-	-	-	16	2.1	2.6	-	-	-	9,600	2.8	16,000	4.7	19,200	5.6	670	1,169	1,588
	5	12	-	-	-	17	1.5	3.5	-	-	-	10,200	3.0	17,000	5.0	20,400	6.0	721	1,251	1,715
	9	9	-	-	-	18	2.6	2.6	-	-	-	10,800	3.2	18,000	5.3	21,600	6.3	772	1,334	1,812
	7	12	-	-	-	19	2.1	3.5	-	-	-	11,400	3.3	19,000	5.6	22,800	6.7	798	1,418	1,943
	5	15	-	-	-	20	1.5	4.4	-	-	-	12,000	3.5	20,000	5.9	24,000	7.0	850	1,503	2,042
	9	12	-	-	-	21	2.6	3.5	-	-	-	12,600	3.7	21,000	6.2	25,200	7.4	902	1,589	2,230
	7	15	-	-	-	22	2.1	4.4	-	-	-	13,200	3.9	22,000	6.4	26,400	7.7	955	1,647	2,376
	5	18	-	-	-	23	1.5	5.3	-	-	-	13,800	4.0	23,000	6.7	27,600	8.1	981	1,734	2,586
	9	15	-	-	-	24	2.6	4.4	-	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,823	2,756
	12	12	-	-	-	24	3.5	3.5	-	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,034	1,823	2,756
	7	18	-	-	-	25	2.1	5.3	-	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,088	1,948	2,993
	9	18	-	-	-	27	2.6	5.3	-	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,169	2,212	3,442
	12	15	-	-	-	27	3.5	4.4	-	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,169	2,212	3,442
	5	24	-	-	-	29	1.5	7.0	-	-	-	17,400	5.1	29,000	8.5	33,000	9.7	1,279	2,512	3,579
	12	18	-	-	-	30	3.5	5.3	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,334	2,672	3,579
	15	15	-	-	-	30	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,334	2,672	3,579
	7	24	-	-	-	31	2.1	7.0	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,334	2,672	3,579
	9	24	-	-	-	33	2.6	7.0	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,334	2,672	3,579
	15	18	-	-	-	33	4.4	5.3	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,334	2,672	3,579
	18	18	-	-	-	36	5.3	5.3	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,334	2,672	3,579
	12	24	-	-	-	36	3.5	7.0	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,334	2,672	3,579
	15	24	-	-	-	39	4.4	7.0	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,334	2,672	3,579
	18	24	-	-	-	42	5.3	7.0	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,334	2,672	3,579
	24	24	-	-	-	48	7.0	7.0	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,334	2,672	3,579
3 Unit	5	5	5	-	-	15	1.5	1.5	1.5	-	-	9,000	2.6	15,000	4.4	18,000	5.3	583	1,023	1,405
	5	5	7	-	-	17	1.5	1.5	2.1	-	-	10,200	3.0	17,000	5.0	20,400	6.0	678	1,176	1,613
	5	5	9	-	-	19	1.5	1.5	2.6	-	-	11,400	3.3	19,000	5.6	22,800	6.7	750	1,333	1,826
	5	7	7	-	-	19	1.5	2.1	2.1	-	-	11,400	3.3	19,000	5.6	22,800	6.7	750	1,333	1,826
	5	7	9	-	-	21	1.5	2.1	2.6	-	-	12,600	3.7	21,000	6.2	25,200	7.4	848	1,494	2,096
	7	7	7	-	-	21	2.1	2.1	2.1	-	-	12,600	3.7	21,000	6.2	25,200	7.4	848	1,494	2,096
	5	5	12	-	-	22	1.5	1.5	3.5	-	-	13,200	3.9	22,000	6.4	26,400	7.7	897	1,548	2,234
	5	9	9	-	-	23	1.5	2.6	2.6	-	-	13,800	4.0	23,000	6.7	27,600	8.1	922	1,630	2,441
	7	7	9	-	-	23	2.1	2.1	2.6	-	-	13,800	4.0	23,000	6.7	27,600	8.1	922	1,630	2,441
	5	7	12	-	-	24	1.5	2.1	3.5	-	-	14,400	4.2	24,000	7.0	28,800	8.4	972	1,714	2,617
	5	5	15	-	-	25	1.5	1.5	4.4	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,023	1,831	2,865
	7	9	9	-	-	25	2.1	2.6	2.6	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,023	1,831	2,865
	5	9	12	-	-	26	1.5	2.6	3.5	-	-	15,600	4.6	26,000	7.6	31,200	9.1	1,073	1,953	3,063
	7	7	12	-	-	26	2.1	2.1	3.5	-	-	15,600	4.6	26,000	7.6	31,200	9.1	1,073	1,953	3,063
	5	7	15	-	-	27	1.5	2.1	4.4	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,099	2,079	3,342
	9	9	9	-	-	27	2.6	2.6	2.6	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,099	2,079	3,342
	7	9	12	-	-	28	2.1	2.6	3.5	-	-	16,800	4.9	28,000	8.2	33,600	9.8	1,150	2,231	3,564
	5	5	18	-	-	28	1.5	1.5	5.3	-	-	16,800	4.9	28,000	8.2	33,600	9.8	1,150	2,231	3,564
	5	9	15	-	-	29	1.5	2.6	4.4	-	-	17,400	5.1	29,000	8.5	33,600	9.8	1,202	2,390	3,564
	5	12	12	-	-	29	1.5	3.5	3.5	-	-	17,400	5.1	29,000	8.5	33,600	9.8	1,202	2,390	3,564
	7	7	15	-	-	29	2.1	2.1	4.4	-	-	17,400	5.1	29,000	8.5	33,600	9.8	1,202	2,390	3,564
	5	7	18	-	-	30	1.5	2.1	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	9	12	-	-	30	2.6	2.6	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	9	15	-	-	31	2.1	2.6	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	12	12	-	-	31	2.1	3.5	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	12	15	-	-	32	1.5	3.5	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	9	18	-	-	32	1.5	2.6	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	7	18	-	-	32	2.1	2.1	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	9	15	-	-	33	2.6	2.6	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	12	12	-	-	33	2.6	3.5	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	9	18	-	-	34	2.1	2.6	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	12	15	-	-	34	2.1	3.5	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	5	24	-	-	34	1.5	1.5	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	12	18	-	-	35	1.5	3.5	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	15	15	-	-	35	1.5	4.4	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	7	24	-	-	36	1.5	2.1	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	12	15	-	-	36	2.6	3.5	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	12	12	12	-	-	36	3.5	3.5	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	9	18	-	-	36	2.6	2.6	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	12	18	-	-	37	2.1	3.5	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	15	15	-	-	37	2.1	4.4	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	9	24	-	-	38	1.5	2.6	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	15	18	-	-	38	1.5	4.4	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	7	24	-	-	38	2.1	2.1	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	12	18	-	-	39	2.6	3.5	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	15	15	-	-	39	2.6	4.4	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	12	12	15	-	-	39	3.5	3.5	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	9	24	-	-	40	2.1	2.6	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	15	18	-	-	40	2.1	4.4	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	12	24	-	-	41	1.5	3.5	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	18	18	-	-	41	1.5	5.3	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	12	12	18	-	-	42	3.5	3.5	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	9	24	-	-	42	2.6	2.6	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	15	18	-	-	42	2.6	4.4	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	12	15	15	-	-	42	3.5	4.4	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564

Operation	Combination (kBtu/h)						Cooling															
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
3 Unit	7	18	18	-	-	43	2.1	5.3	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	12	24	-	-	43	2.1	3.5	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	15	24	-	-	44	1.5	4.4	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	18	18	-	-	45	2.6	5.3	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	12	24	-	-	45	2.6	3.5	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	12	15	18	-	-	45	3.5	4.4	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	15	15	15	-	-	45	4.4	4.4	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	7	15	24	-	-	46	2.1	4.4	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	5	18	24	-	-	47	1.5	5.3	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	9	15	24	-	-	48	2.6	4.4	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	12	18	18	-	-	48	3.5	5.3	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	12	12	24	-	-	48	3.5	3.5	7.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
	15	15	18	-	-	48	4.4	4.4	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,254	2,558	3,564
4 Unit	5	5	5	5	-	20	1.5	1.5	1.5	1.5	-	12,000	3.5	20,000	5.9	24,000	7.0	759	1,342	1,823
	5	5	5	7	-	22	1.5	1.5	1.5	2.1	-	13,200	3.9	22,000	6.4	26,400	7.7	853	1,471	2,122
	5	5	5	9	-	24	1.5	1.5	1.5	2.6	-	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	5	7	7	-	24	1.5	1.5	2.1	2.1	-	14,400	4.2	24,000	7.0	28,800	8.4	924	1,628	2,436
	5	5	7	9	-	26	1.5	1.5	2.1	2.6	-	15,600	4.6	26,000	7.6	31,200	9.1	1,020	1,855	2,772
	5	7	7	7	-	26	1.5	2.1	2.1	2.1	-	15,600	4.6	26,000	7.6	31,200	9.1	1,020	1,855	2,772
	5	5	5	12	-	27	1.5	1.5	1.5	3.5	-	16,200	4.7	27,000	7.9	32,400	9.5	1,044	1,975	2,976
	5	5	9	9	-	28	1.5	1.5	2.6	2.6	-	16,800	4.9	28,000	8.2	33,600	9.8	1,093	2,094	3,136
	5	7	7	9	-	28	1.5	2.1	2.1	2.6	-	16,800	4.9	28,000	8.2	33,600	9.8	1,093	2,094	3,136
	7	7	7	7	-	28	2.1	2.1	2.1	2.1	-	16,800	4.9	28,000	8.2	33,600	9.8	1,093	2,094	3,136
	5	5	7	12	-	29	1.5	1.5	2.1	3.5	-	17,400	5.1	29,000	8.5	34,800	10.2	1,142	2,216	3,357
	5	5	5	15	-	30	1.5	1.5	1.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	9	9	-	30	1.5	2.1	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	7	9	-	30	2.1	2.1	2.1	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	5	9	12	-	31	1.5	1.5	2.6	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	7	12	-	31	1.5	2.1	2.1	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	5	7	15	-	32	1.5	1.5	2.1	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	9	9	-	32	2.1	2.1	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	9	9	9	-	32	1.5	2.6	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	5	5	18	-	33	1.5	1.5	1.5	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	9	12	-	33	1.5	2.1	2.6	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	7	12	-	33	2.1	2.1	2.1	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	5	9	15	-	34	1.5	1.5	2.6	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	5	12	12	-	34	1.5	1.5	3.5	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	7	15	-	34	1.5	2.1	2.1	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	9	9	9	-	34	2.1	2.6	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	5	7	18	-	35	1.5	1.5	2.1	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	9	9	12	-	35	1.5	2.6	2.6	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	9	12	-	35	2.1	2.1	2.6	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	9	15	-	36	1.5	2.1	2.6	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	12	12	-	36	1.5	2.1	3.5	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	7	15	-	36	2.1	2.1	2.1	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	9	9	9	9	-	36	2.6	2.6	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	5	9	18	-	37	1.5	1.5	2.6	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	5	12	15	-	37	1.5	1.5	3.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	7	18	-	37	1.5	2.1	2.1	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	9	9	12	-	37	2.1	2.6	2.6	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	9	9	15	-	38	1.5	2.6	2.6	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	9	15	-	38	2.1	2.1	2.6	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	12	12	-	38	2.1	2.1	3.5	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	5	5	24	-	39	1.5	1.5	1.5	7.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	9	18	-	39	1.5	2.1	2.6	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	12	15	-	39	1.5	2.1	3.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	9	9	9	12	-	39	2.6	2.6	2.6	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	7	18	-	39	2.1	2.1	2.1	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	9	9	15	-	40	2.1	2.6	2.6	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	9	12	12	-	40	2.1	2.6	3.5	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	5	7	24	-	41	1.5	1.5	2.1	7.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	9	12	15	-	41	1.5	2.6	3.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	12	12	12	-	41	1.5	3.5	3.5	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	12	15	-	41	2.1	2.1	3.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	9	18	-	41	2.1	2.1	2.6	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	15	15	-	42	1.5	2.1	4.4	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	9	9	9	15	-	42	2.6	2.6	2.6	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	9	9	12	12	-	42	2.6	2.6	3.5	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	9	12	15	-	43	2.1	2.6	3.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	12	12	12	-	43	2.1	3.5	3.5	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	9	9	18	-	43	2.1	2.6	2.6	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	9	15	15	-	44	1.5	2.6	4.4	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	12	18	-	44	2.1	2.1	3.5	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	15	15	-	44	2.1	2.1	4.4	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	7	18	15	-	45	1.5	2.1	5.3	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	9	9	12	15	-	45	2.6	2.6	3.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	9	12	12	12	-	45	2.6	3.5	3.5	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	9	9	9	18	-	45	2.6	2.6	2.6	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	7	24	-	45	2.1	2.1	2.1	7.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	9	12	18	-	46	2.1	2.6	3.5	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	9	15	15	-	46	2.1	2.6	4.4	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	12	12	15	-	46	2.1	3.5	3.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	12	12	18	-	47	1.5	3.5	3.5	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	9	24	-	47	2.1	2.1	2.6	7.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	7	7	15	18	-	47	2.1	2.1	4.4	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	9	15	18	-	47	1.5	2.6	4.4	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	5	12	15	15	-	47	1.5	3.5	4.4	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	9	9	15	15	-	48	2.6	2.6	4.4	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	12	12	12	12	-	48	3.5	3.5	3.5	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588
	9	9	12	18	-	48	2.6	2.6	3.5	5.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,191	2,344	3,588

COMBINATION TABLE

MU5M30 U44

Operation	Combination (kBtu/h)						Cooling													
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5 Unit	5	5	5	5	5	25	1.5	1.5	1.5	1.5	1.5	15,000	4.4	25,000	7.3	30,000	8.8	949	1,711	2,527
	5	5	5	5	7	27	1.5	1.5	1.5	1.5	2.1	16,200	4.7	27,000	7.9	32,400	9.5	1,022	1,919	2,906
	5	5	5	5	9	29	1.5	1.5	1.5	1.5	2.6	17,400	5.1	29,000	8.5	34,800	10.2	1,120	2,141	3,324
	5	5	5	7	7	29	1.5	1.5	1.5	2.1	2.1	17,400	5.1	29,000	8.5	34,800	10.2	1,120	2,141	3,324
	5	5	5	7	9	31	1.5	1.5	1.5	2.1	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	7	7	7	31	1.5	1.5	2.1	2.1	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	5	12	32	1.5	1.5	1.5	1.5	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	9	9	33	1.5	1.5	1.5	2.6	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	7	7	9	33	1.5	1.5	2.1	2.1	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	7	7	33	1.5	2.1	2.1	2.1	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	7	12	34	1.5	1.5	1.5	2.1	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	5	15	35	1.5	1.5	1.5	1.5	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	7	9	35	1.5	2.1	2.1	2.1	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	7	7	35	2.1	2.1	2.1	2.1	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	9	12	36	1.5	1.5	1.5	2.6	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	7	7	12	36	1.5	1.5	2.1	2.1	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	7	15	37	1.5	1.5	1.5	2.1	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	9	9	9	37	1.5	1.5	2.6	2.6	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	9	9	37	1.5	2.1	2.1	2.6	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	7	9	37	2.1	2.1	2.1	2.1	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	5	18	38	1.5	1.5	1.5	1.5	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	7	12	38	1.5	2.1	2.1	2.1	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	9	15	39	1.5	1.5	1.5	2.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	12	12	39	1.5	1.5	1.5	3.5	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	7	7	15	39	1.5	1.5	2.1	2.1	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	9	9	39	2.1	2.1	2.1	2.6	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	9	9	9	39	1.5	2.1	2.6	2.6	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	7	18	40	1.5	1.5	1.5	2.1	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	9	9	12	40	1.5	1.5	2.6	2.6	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	9	12	40	1.5	2.1	2.1	2.6	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	7	12	40	2.1	2.1	2.1	2.1	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	7	9	15	41	1.5	1.5	2.1	2.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	7	15	41	1.5	2.1	2.1	2.1	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	9	9	9	9	41	1.5	2.6	2.6	2.6	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	9	9	9	41	2.1	2.1	2.6	2.6	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	9	18	42	1.5	1.5	1.5	2.6	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	12	15	42	1.5	1.5	1.5	3.5	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	7	7	18	42	1.5	1.5	2.1	2.1	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	9	9	12	42	1.5	2.1	2.6	2.6	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	9	12	42	2.1	2.1	2.1	2.6	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	9	9	15	43	1.5	1.5	2.6	2.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	9	15	43	1.5	2.1	2.1	2.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	12	12	43	1.5	2.1	2.1	3.5	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	7	15	43	2.1	2.1	2.1	2.1	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	9	9	9	9	43	2.1	2.6	2.6	2.6	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	7	12	15	44	1.5	1.5	2.1	3.5	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	5	24	44	1.5	1.5	1.5	1.5	7.0	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	7	18	44	1.5	2.1	2.1	2.1	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	9	9	9	12	44	1.5	2.6	2.6	2.6	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	9	9	12	44	2.1	2.1	2.6	2.6	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	12	18	45	1.5	1.5	1.5	3.5	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	15	15	45	1.5	1.5	1.5	4.4	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	9	9	15	45	1.5	2.1	2.6	2.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	9	12	12	45	1.5	2.1	2.6	3.5	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	9	15	45	2.1	2.1	2.1	2.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	12	12	45	2.1	2.1	2.1	3.5	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	9	9	9	9	9	45	2.6	2.6	2.6	2.6	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	7	24	46	1.5	1.5	1.5	2.1	7.0	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	9	9	18	46	1.5	1.5	2.6	2.6	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	9	12	15	46	1.5	1.5	2.6	3.5	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	12	12	12	46	1.5	1.5	3.5	3.5	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	9	18	46	1.5	2.1	2.1	2.6	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	7	12	15	46	1.5	2.1	2.1	3.5	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	7	18	46	2.1	2.1	2.1	2.1	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	9	9	9	12	46	2.1	2.6	2.6	2.6	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	7	15	15	47	1.5	1.5	2.1	4.4	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	9	9	9	15	47	1.5	2.6	2.6	2.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	9	9	12	12	47	1.5	2.6	2.6	3.5	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	9	9	15	47	2.1	2.1	2.6	2.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	9	12	12	47	2.1	2.1	2.6	3.5	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	9	24	48	1.5	1.5	1.5	2.6	7.0	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	5	18	15	48	1.5	1.5	1.5	5.3	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	5	7	7	24	48	1.5	1.5	2.1	2.1	7.0	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	9	9	18	48	1.5	2.1	2.6	2.6	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	9	12	15	48	1.5	2.1	2.6	3.5	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	5	7	12	12	12	48	1.5	2.1	3.5	3.5	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	12	15	48	2.1	2.1	2.1	3.5	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	9	9	9	9	12	48	2.6	2.6	2.6	2.6	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582
	7	7	7	9	18	48	2.1	2.1	2.1	2.6	5.3	18,000	5.3	30,000	8.8	36,000	10.6	1,170	2,256	3,582

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 48kBtu/h
4. At least two indoor units should be connected.

Operation	Combination (kBtu/h)						Heating															
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	-	-	5	1.6	-	-	-	-	5,000	1.5	5,500	1.6	6,325	1.9	610	610	747
	7	-	-	-	-	7	2.5	-	-	-	-	5,500	1.6	8,400	2.5	9,660	2.8	610	665	862
	9	-	-	-	-	9	3.2	-	-	-	-	6,480	1.9	10,800	3.2	12,420	3.6	610	864	1,126
	12	-	-	-	-	12	3.9	-	-	-	-	7,920	2.3	13,200	3.9	15,180	4.4	610	1,067	1,399
	15	-	-	-	-	15	4.8	-	-	-	-	9,900	2.9	16,500	4.8	18,975	5.6	778	1,337	1,823
	18	-	-	-	-	18	5.8	-	-	-	-	11,880	3.5	19,800	5.8	22,770	6.7	950	1,649	2,230
	24	-	-	-	-	24	7.4	-	-	-	-	15,240	4.5	25,400	7.4	26,670	7.8	1,246	2,172	2,654
2 Unit	5	5	-	-	-	10	1.6	1.6	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	471	808	1,130
	5	7	-	-	-	12	1.6	2.5	-	-	-	8,640	2.5	14,400	4.2	17,280	5.1	566	983	1,397
	5	9	-	-	-	14	1.6	3.2	-	-	-	10,080	3.0	16,800	4.9	20,160	5.9	685	1,163	1,643
	7	7	-	-	-	14	2.5	2.5	-	-	-	10,080	3.0	16,800	4.9	20,160	5.9	685	1,163	1,643
	7	9	-	-	-	16	2.5	3.2	-	-	-	11,520	3.4	19,200	5.6	23,040	6.8	783	1,348	1,928
	5	12	-	-	-	17	1.6	3.9	-	-	-	12,240	3.6	20,400	6.0	24,480	7.2	832	1,456	2,057
	9	9	-	-	-	18	3.2	3.2	-	-	-	12,960	3.8	21,600	6.3	25,920	7.6	882	1,537	2,189
	7	12	-	-	-	19	2.5	3.9	-	-	-	13,680	4.0	22,800	6.7	27,360	8.0	932	1,648	2,323
	5	15	-	-	-	20	1.6	4.8	-	-	-	14,400	4.2	24,000	7.0	28,800	8.4	983	1,732	2,459
	9	12	-	-	-	21	3.2	3.9	-	-	-	15,120	4.4	25,200	7.4	30,240	8.9	1,034	1,846	2,644
	7	15	-	-	-	22	2.5	4.8	-	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,085	1,932	2,877
	5	18	-	-	-	23	1.6	5.8	-	-	-	16,560	4.9	27,600	8.1	33,120	9.7	1,163	2,049	3,200
	9	15	-	-	-	24	3.2	4.8	-	-	-	17,280	5.1	28,800	8.4	34,560	10.1	1,215	2,138	3,554
	12	12	-	-	-	24	3.9	3.9	-	-	-	17,280	5.1	28,800	8.4	34,560	10.1	1,215	2,138	3,554
	7	18	-	-	-	25	2.5	5.8	-	-	-	18,000	5.3	30,000	8.8	34,560	10.1	1,268	2,267	3,554
	9	18	-	-	-	27	3.2	5.8	-	-	-	19,440	5.7	32,400	9.5	34,560	10.1	1,374	2,639	3,554
	12	15	-	-	-	27	3.9	4.8	-	-	-	19,440	5.7	32,400	9.5	34,560	10.1	1,374	2,639	3,554
	5	24	-	-	-	29	1.6	7.4	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
	12	18	-	-	-	30	3.9	5.8	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
	15	15	-	-	-	30	4.8	4.8	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
	7	24	-	-	-	31	2.5	7.4	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
	9	24	-	-	-	33	3.2	7.4	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
	15	18	-	-	-	33	4.8	5.8	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
	18	18	-	-	-	36	5.8	5.8	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
	12	24	-	-	-	36	3.9	7.4	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
	15	24	-	-	-	39	4.8	7.4	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
	18	24	-	-	-	42	5.8	7.4	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
	24	24	-	-	-	48	7.4	7.4	-	-	-	20,700	6.1	34,500	10.1	34,560	10.1	1,483	3,091	3,554
3 Unit	5	5	5	-	-	15	1.6	1.6	1.6	-	-	10,800	3.2	18,000	5.3	21,600	6.3	690	1,192	1,662
	5	5	7	-	-	17	1.6	1.6	2.5	-	-	12,240	3.6	20,400	6.0	24,480	7.2	782	1,368	1,934
	5	5	9	-	-	19	1.6	1.6	3.2	-	-	13,680	4.0	22,800	6.7	27,360	8.0	876	1,549	2,183
	5	7	7	-	-	19	1.6	2.5	2.5	-	-	13,680	4.0	22,800	6.7	27,360	8.0	876	1,549	2,183
	5	7	9	-	-	21	1.6	2.5	3.2	-	-	15,120	4.4	25,200	7.4	30,240	8.9	972	1,735	2,486
	7	7	7	-	-	21	2.5	2.5	2.5	-	-	15,120	4.4	25,200	7.4	30,240	8.9	972	1,735	2,486
	5	5	12	-	-	22	1.6	1.6	3.9	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,020	1,817	2,650
	5	9	9	-	-	23	1.6	3.2	3.2	-	-	16,560	4.9	27,600	8.1	33,120	9.7	1,093	1,926	2,831
	7	7	9	-	-	23	2.5	2.5	3.2	-	-	16,560	4.9	27,600	8.1	33,120	9.7	1,093	1,926	2,831
	5	7	12	-	-	24	1.6	2.5	3.9	-	-	17,280	5.1	28,800	8.4	34,560	10.1	1,142	2,010	3,020
	5	5	15	-	-	25	1.6	1.6	4.8	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,192	2,131	3,266
	7	9	9	-	-	25	2.5	3.2	3.2	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,192	2,131	3,266
	5	9	12	-	-	26	1.6	3.2	3.9	-	-	18,720	5.5	31,200	9.1	37,440	11.0	1,242	2,228	3,472
	7	7	12	-	-	26	2.5	2.5	3.9	-	-	18,720	5.5	31,200	9.1	37,440	11.0	1,242	2,228	3,472
	5	7	15	-	-	27	1.6	2.5	4.8	-	-	19,440	5.7	32,400	9.5	38,640	11.3	1,292	2,382	3,686
	9	9	9	-	-	27	3.2	3.2	3.2	-	-	19,440	5.7	32,400	9.5	38,640	11.3	1,292	2,382	3,686
	7	9	12	-	-	28	2.5	3.2	3.9	-	-	20,160	5.9	33,600	9.8	38,640	11.3	1,343	2,502	3,686
	5	5	18	-	-	28	1.6	1.6	5.8	-	-	20,160	5.9	33,600	9.8	38,640	11.3	1,343	2,502	3,686
	5	9	15	-	-	29	1.6	3.2	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	12	12	-	-	29	1.6	3.9	3.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	7	15	-	-	29	2.5	2.5	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	7	18	-	-	30	1.6	2.5	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	9	12	-	-	30	3.2	3.2	3.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	9	15	-	-	31	2.5	3.2	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	12	12	-	-	31	2.5	3.9	3.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	12	15	-	-	32	1.6	3.9	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	9	18	-	-	32	1.6	3.2	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	7	18	-	-	32	2.5	2.5	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	9	15	-	-	33	3.2	3.2	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	12	12	-	-	33	3.2	3.9	3.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	9	18	-	-	34	2.5	3.2	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	12	15	-	-	34	2.5	3.9	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	5	24	-	-	34	1.6	1.6	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	12	18	-	-	35	1.6	3.9	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	15	15	-	-	35	1.6	4.8	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	7	24	-	-	36	1.6	2.5	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	12	15	-	-	36	3.2	3.9	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	12	12	12	-	-	36	3.9	3.9	3.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	9	18	-	-	36	3.2	3.2	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	12	18	-	-	37	2.5	3.9	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	15	15	-	-	37	2.5	4.8	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	9	24	-	-	38	1.6	3.2	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	15	18	-	-	38	3.2	3.9	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	7	24	-	-	38	2.5	2.5	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	12	18	-	-	39	3.2	3.9	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	15	15	-	-	39	3.2	4.8	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	12	12	15	-	-	39	3.9	3.9	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	9	24	-	-	40	2.5	3.2	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	15	18	-	-	40	2.5	4.8	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	12	24	-	-	41	1.6	3.9	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	18	18	-	-	41	1.6	5.8	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	12	12	18	-	-	42	3.9	3.9	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	9	24	-	-	42	3.2	3.2	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	15	18	-	-	42	3.2	4.8	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	12	15	15	-	-	42	3.9	4.8	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686

COMBINATION TABLE

MU5M30 U44

Operation	Combination (kBtu/h)						Heating														
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
3 Unit	7	18	18	-	-	43	2.5	5.8	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	12	24	-	-	43	2.5	3.9	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	15	24	-	-	44	1.6	4.8	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	18	18	-	-	45	3.2	5.8	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	12	24	-	-	45	3.2	3.9	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	12	15	18	-	-	45	3.9	4.8	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	15	15	15	-	-	45	4.8	4.8	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	7	15	24	-	-	46	2.5	4.8	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	5	18	24	-	-	47	1.6	5.8	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	9	15	24	-	-	48	3.2	4.8	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	12	18	18	-	-	48	3.9	5.8	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	12	12	24	-	-	48	3.9	3.9	7.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
	15	15	18	-	-	48	4.8	4.8	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,394	2,626	3,686
4 Unit	5	5	5	5	-	20	1.6	1.6	1.6	1.6	-	14,400	4.2	24,000	7.0	28,800	8.4	878	1,547	2,195
	5	5	5	7	-	22	1.6	1.6	1.6	2.5	-	15,840	4.6	26,400	7.7	31,680	9.3	969	1,726	2,527
	5	5	5	9	-	24	1.6	1.6	1.6	3.2	-	17,280	5.1	28,800	8.4	34,560	10.1	1,085	1,909	2,927
	5	5	7	7	-	24	1.6	1.6	2.5	2.5	-	17,280	5.1	28,800	8.4	34,560	10.1	1,085	1,909	2,927
	5	5	7	9	-	26	1.6	1.6	2.5	3.2	-	18,720	5.5	31,200	9.1	37,440	11.0	1,180	2,116	3,427
	5	7	7	7	-	26	1.6	2.5	2.5	2.5	-	18,720	5.5	31,200	9.1	37,440	11.0	1,180	2,116	3,427
	5	5	5	12	-	27	1.6	1.6	1.6	3.9	-	19,440	5.7	32,400	9.5	38,640	11.3	1,227	2,281	3,606
	5	5	9	9	-	28	1.6	1.6	3.2	3.2	-	20,160	5.9	33,600	9.8	38,640	11.3	1,276	2,411	3,606
	5	7	7	9	-	28	1.6	2.5	2.5	3.2	-	20,160	5.9	33,600	9.8	38,640	11.3	1,276	2,411	3,606
	7	7	7	7	-	28	2.5	2.5	2.5	2.5	-	20,160	5.9	33,600	9.8	38,640	11.3	1,276	2,411	3,606
	5	5	7	12	-	29	1.6	1.6	2.5	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	5	15	-	30	1.6	1.6	1.6	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	9	9	-	30	1.6	2.5	3.2	3.2	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	7	9	-	30	2.5	2.5	2.5	3.2	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	9	12	-	31	1.6	1.6	3.2	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	7	12	-	31	1.6	2.5	2.5	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	7	15	-	32	1.6	1.6	2.5	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	9	9	-	32	2.5	2.5	3.2	3.2	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	9	9	9	-	32	1.6	3.2	3.2	3.2	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	5	18	-	33	1.6	1.6	1.6	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	9	12	-	33	1.6	2.5	3.2	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	7	12	-	33	2.5	2.5	2.5	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	9	15	-	34	1.6	1.6	3.2	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	12	12	-	34	1.6	1.6	3.9	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	7	15	-	34	1.6	2.5	2.5	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	9	9	9	-	34	2.5	3.2	3.2	3.2	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	7	18	-	35	1.6	1.6	2.5	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	9	9	12	-	35	1.6	3.2	3.2	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	9	12	-	35	2.5	2.5	3.2	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	9	15	-	36	1.6	2.5	3.2	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	12	12	-	36	1.6	2.5	3.9	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	7	15	-	36	2.5	2.5	2.5	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	9	9	9	9	-	36	3.2	3.2	3.2	3.2	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	9	18	-	37	1.6	1.6	3.2	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	12	15	-	37	1.6	1.6	3.9	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	7	18	-	37	1.6	2.5	2.5	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	9	9	12	-	37	2.5	3.2	3.2	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	9	9	15	-	38	1.6	3.2	3.2	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	9	15	-	38	2.5	2.5	3.2	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	12	12	-	38	2.5	2.5	3.9	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	5	24	-	39	1.6	1.6	1.6	7.4	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	9	18	-	39	1.6	2.5	3.2	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	12	15	-	39	1.6	2.5	3.9	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	9	9	9	12	-	39	3.2	3.2	3.2	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	7	18	-	39	2.5	2.5	2.5	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	9	9	15	-	40	2.5	3.2	3.2	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	9	12	12	-	40	2.5	3.2	3.9	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	5	7	24	-	41	1.6	1.6	2.5	7.4	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	9	12	15	-	41	1.6	3.2	3.9	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	12	12	12	-	41	1.6	3.9	3.9	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	12	15	-	41	2.5	2.5	3.9	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	9	18	-	41	2.5	2.5	3.2	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	15	15	-	42	1.6	2.5	4.8	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	9	9	9	15	-	42	3.2	3.2	3.2	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	9	9	12	12	-	42	3.2	3.2	3.9	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	9	12	15	-	43	2.5	3.2	3.9	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	12	12	12	-	43	2.5	3.9	3.9	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	9	9	18	-	43	2.5	3.2	3.2	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	9	15	15	-	44	1.6	3.2	4.8	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	12	18	-	44	2.5	2.5	3.9	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	15	15	-	44	2.5	2.5	4.8	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	7	18	15	-	45	1.6	2.5	5.8	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	9	9	12	15	-	45	3.2	3.2	3.9	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	9	12	12	12	-	45	3.2	3.9	3.9	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	9	9	9	18	-	45	3.2	3.2	3.2	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	7	24	-	45	2.5	2.5	2.5	7.4	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	9	12	18	-	46	2.5	3.2	3.9	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	9	15	15	-	46	2.5	3.2	4.8	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	12	12	15	-	46	2.5	3.9	3.9	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	12	12	18	-	47	1.6	3.9	3.9	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	9	24	-	47	2.5	2.5	3.2	7.4	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	7	7	15	18	-	47	2.5	2.5	4.8	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	9	15	18	-	47	1.6	3.2	4.8	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	5	12	15	15	-	47	1.6	3.9	4.8	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	9	9	15	15	-	48	3.2	3.2	4.8	4.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	12	12	12	12	-	48	3.9	3.9	3.9	3.9	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606
	9	9	12	18	-	48	3.2	3.2	3.9	5.8	-	20,700	6.1	34,500	10.1	38,640	11.3	1,324	2,545	3,606

Operation	Combination (kBtu/h)						Heating														
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5 Unit	5	5	5	5	5	25	1.6	1.6	1.6	1.6	1.6	18,000	5.3	30,000	8.8	36,000	10.6	1,092	1,944	2,877
	5	5	5	5	7	27	1.6	1.6	1.6	1.6	2.5	19,440	5.7	32,400	9.5	38,880	11.4	1,184	2,129	3,300
	5	5	5	5	9	29	1.6	1.6	1.6	1.6	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	7	7	29	1.6	1.6	1.6	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	7	9	31	1.6	1.6	1.6	2.5	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	7	7	7	31	1.6	1.6	2.5	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	5	12	32	1.6	1.6	1.6	1.6	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	9	9	33	1.6	1.6	1.6	3.2	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	7	7	9	33	1.6	1.6	2.5	2.5	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	7	7	33	1.6	2.5	2.5	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	7	12	34	1.6	1.6	1.6	2.5	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	5	15	35	1.6	1.6	1.6	1.6	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	7	9	35	1.6	2.5	2.5	2.5	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	7	7	35	2.5	2.5	2.5	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	9	12	36	1.6	1.6	1.6	3.2	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	7	7	12	36	1.6	1.6	2.5	2.5	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	7	15	37	1.6	1.6	1.6	2.5	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	9	9	9	37	1.6	1.6	3.2	3.2	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	9	9	37	1.6	2.5	2.5	3.2	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	7	9	37	2.5	2.5	2.5	2.5	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	5	18	38	1.6	1.6	1.6	1.6	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	7	12	38	1.6	2.5	2.5	2.5	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	9	15	39	1.6	1.6	1.6	3.2	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	12	12	39	1.6	1.6	1.6	3.9	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	7	7	15	39	1.6	1.6	2.5	2.5	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	9	9	39	2.5	2.5	2.5	3.2	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	9	9	9	39	1.6	2.5	3.2	3.2	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	7	18	40	1.6	1.6	1.6	2.5	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	9	9	12	40	1.6	1.6	3.2	3.2	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	9	12	40	1.6	2.5	2.5	3.2	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	7	12	40	2.5	2.5	2.5	2.5	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	7	9	15	41	1.6	1.6	2.5	3.2	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	7	15	41	1.6	2.5	2.5	2.5	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	9	9	9	9	41	1.6	3.2	3.2	3.2	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	9	9	9	41	2.5	2.5	3.2	3.2	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	9	18	42	1.6	1.6	1.6	3.2	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	12	15	42	1.6	1.6	1.6	3.9	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	7	7	18	42	1.6	1.6	2.5	2.5	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	9	9	12	42	1.6	2.5	3.2	3.2	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	9	12	42	2.5	2.5	2.5	3.2	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	9	9	15	43	1.6	1.6	3.2	3.2	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	9	15	43	1.6	2.5	2.5	3.2	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	12	12	43	1.6	2.5	2.5	3.9	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	7	15	43	2.5	2.5	2.5	2.5	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	9	9	9	9	43	2.5	3.2	3.2	3.2	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	7	12	15	44	1.6	1.6	2.5	3.9	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	5	24	44	1.6	1.6	1.6	1.6	7.4	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	7	18	44	1.6	2.5	2.5	2.5	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	9	9	9	12	44	1.6	3.2	3.2	3.2	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	9	9	12	44	2.5	2.5	3.2	3.2	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	12	18	45	1.6	1.6	1.6	3.9	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	15	15	45	1.6	1.6	1.6	4.8	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	9	9	15	45	1.6	2.5	3.2	3.2	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	9	12	12	45	1.6	2.5	3.2	3.9	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	9	15	45	2.5	2.5	2.5	3.2	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	12	12	45	2.5	2.5	2.5	3.9	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	9	9	9	9	9	45	3.2	3.2	3.2	3.2	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	7	24	46	1.6	1.6	1.6	2.5	7.4	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	9	9	18	46	1.6	1.6	3.2	3.2	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	9	12	15	46	1.6	1.6	3.2	3.9	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	12	12	12	46	1.6	1.6	3.9	3.9	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	9	18	46	1.6	2.5	2.5	3.2	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	7	12	15	46	1.6	2.5	2.5	3.9	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	7	18	46	2.5	2.5	2.5	2.5	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	9	9	9	12	46	2.5	3.2	3.2	3.2	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	7	15	15	47	1.6	1.6	2.5	4.8	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	9	9	9	15	47	1.6	3.2	3.2	3.2	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	9	9	12	12	47	1.6	3.2	3.2	3.9	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	9	9	15	47	2.5	2.5	3.2	3.2	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	9	12	12	47	2.5	2.5	3.2	3.9	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	9	24	48	1.6	1.6	1.6	3.2	7.4	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	5	18	15	48	1.6	1.6	1.6	5.8	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	5	7	7	24	48	1.6	1.6	2.5	2.5	7.4	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	9	9	18	48	1.6	2.5	3.2	3.2	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	9	12	15	48	1.6	2.5	3.2	3.9	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	5	7	12	12	12	48	1.6	2.5	3.9	3.9	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	12	15	48	2.5	2.5	2.5	3.9	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	9	9	9	9	12	48	3.2	3.2	3.2	3.2	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705
	7	7	7	9	18	48	2.5	2.5	2.5	3.2	5.8	20,700	6.1	34,500	10.1	41,400	12.1	1,277	2,290	3,705

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 48kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU5M40 UO2

Operation	Combination (kBtu/h)						Cooling													
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	-	-	5	1.5	-	-	-	-	4,500	1.3	5,000	1.5	6,000	1.8	780	1,120	1,703
	7	-	-	-	-	7	2.1	-	-	-	-	4,800	1.4	7,000	2.1	8,400	2.5	780	1,120	1,703
	9	-	-	-	-	9	2.6	-	-	-	-	5,400	1.6	9,000	2.6	10,800	3.2	780	1,120	1,703
	12	-	-	-	-	12	3.5	-	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	780	1,120	1,703
	15	-	-	-	-	15	4.4	-	-	-	-	8,520	2.5	14,200	4.2	17,040	5.0	780	1,190	1,809
	18	-	-	-	-	18	5.3	-	-	-	-	10,800	3.2	18,000	5.3	21,600	6.3	800	1,260	1,915
	24	-	-	-	-	24	7.0	-	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,042	1,680	2,280
2 Unit	5	5	-	-	-	10	1.5	1.5	-	-	-	6,000	1.8	10,000	2.9	12,000	3.5	780	1,120	1,703
	5	7	-	-	-	12	1.5	2.1	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	780	1,120	1,703
	5	9	-	-	-	14	1.5	2.6	-	-	-	8,400	2.5	14,000	4.1	16,800	4.9	780	1,120	1,703
	7	7	-	-	-	14	2.1	2.1	-	-	-	8,400	2.5	14,000	4.1	16,800	4.9	780	1,120	1,703
	7	9	-	-	-	16	2.1	2.6	-	-	-	9,600	2.8	16,000	4.7	19,200	5.6	780	1,120	1,703
	5	12	-	-	-	17	1.5	3.5	-	-	-	10,200	3.0	17,000	5.0	20,400	6.0	780	1,190	1,809
	9	9	-	-	-	18	2.6	2.6	-	-	-	10,800	3.2	18,000	5.3	21,600	6.3	800	1,260	1,915
	7	12	-	-	-	19	2.1	3.5	-	-	-	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022
	5	15	-	-	-	20	1.5	4.4	-	-	-	12,000	3.5	20,000	5.9	24,000	7.0	868	1,400	2,128
	9	12	-	-	-	21	2.6	3.5	-	-	-	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235
	7	15	-	-	-	22	2.1	4.4	-	-	-	13,200	3.8	22,000	6.4	26,400	7.7	954	1,540	2,341
	5	18	-	-	-	23	1.5	5.3	-	-	-	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447
	9	15	-	-	-	24	2.6	4.4	-	-	-	14,400	4.2	24,000	7.0	28,800	8.5	1,020	1,645	2,500
	12	12	-	-	-	24	3.5	3.5	-	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	7	18	-	-	-	25	2.1	5.3	-	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660
	9	18	-	-	-	27	2.6	5.3	-	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	12	15	-	-	-	27	3.5	4.4	-	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,215	1,960	2,979
	5	24	-	-	-	29	1.5	7.0	-	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	12	18	-	-	-	30	3.5	5.3	-	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	15	15	-	-	-	30	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,324	2,135	3,245
	7	24	-	-	-	31	2.1	7.0	-	-	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	9	24	-	-	-	33	2.6	7.0	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	15	18	-	-	-	33	4.4	5.3	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,497	2,415	3,672
	18	18	-	-	-	36	5.3	5.3	-	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	12	24	-	-	-	36	3.5	7.0	-	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	15	24	-	-	-	39	3.7	6.0	-	-	-	19,800	5.7	33,000	9.7	39,600	11.6	1,627	2,625	3,991
	18	24	-	-	-	42	5.0	6.7	-	-	-	24,000	7.0	40,000	11.7	46,000	13.5	1,693	2,730	4,150
	24	24	-	-	-	48	5.9	5.9	-	-	-	24,000	7.0	40,000	11.7	46,000	13.5	1,693	2,730	4,150
3 Unit	5	5	5	-	-	15	1.5	1.5	1.5	-	-	9,000	2.6	15,000	4.4	18,000	5.3	780	1,120	1,703
	5	5	7	-	-	17	1.5	1.5	2.1	-	-	10,200	3.0	17,000	5.0	20,400	6.0	780	1,190	1,809
	5	5	9	-	-	19	1.5	1.5	2.6	-	-	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022
	5	7	7	-	-	19	1.5	2.1	2.1	-	-	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022
	5	7	9	-	-	21	1.5	2.1	2.6	-	-	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235
	7	7	7	-	-	21	2.1	2.1	2.1	-	-	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235
	5	5	12	-	-	22	1.5	1.5	3.7	-	-	13,800	4.0	23,000	6.7	27,600	8.1	952	1,540	2,341
	7	7	9	-	-	23	2.1	2.1	2.6	-	-	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447
	5	9	9	-	-	23	1.5	2.6	2.6	-	-	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447
	5	7	12	-	-	24	1.5	2.1	3.5	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	5	5	15	-	-	25	1.5	1.5	4.4	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,064	1,715	2,607
	7	9	9	-	-	25	2.1	2.6	2.6	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660
	5	9	12	-	-	26	1.5	2.6	3.5	-	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	7	7	12	-	-	26	2.1	2.1	3.5	-	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	5	7	15	-	-	27	1.5	2.1	4.4	-	-	16,200	4.8	27,000	7.9	32,400	9.5	1,150	1,855	2,820
	9	9	9	-	-	27	2.6	2.6	2.6	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	7	9	12	-	-	28	2.1	2.6	3.5	-	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	5	18	-	-	28	1.5	1.5	5.3	-	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	9	15	-	-	29	1.5	2.6	4.4	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,237	1,995	3,032
	5	12	12	-	-	29	1.5	3.5	3.5	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	7	7	15	-	-	29	2.1	2.1	4.4	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,281	2,065	3,139
	5	7	18	-	-	30	1.5	2.1	5.3	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	9	9	12	-	-	30	2.6	2.6	3.5	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	7	9	15	-	-	31	2.0	2.6	4.3	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,324	2,135	3,245
	7	12	12	-	-	31	2.1	3.5	3.5	-	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	12	15	-	-	32	1.5	3.5	4.4	-	-	19,200	5.6	32,000	9.4	38,400	11.2	1,367	2,205	3,352
	5	9	18	-	-	32	1.5	2.6	5.3	-	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	7	7	18	-	-	32	2.1	2.1	5.3	-	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	9	9	15	-	-	33	2.6	2.6	4.4	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,411	2,275	3,458
	9	12	12	-	-	33	2.6	3.5	3.5	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	7	9	18	-	-	34	2.1	2.6	5.3	-	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	7	12	15	-	-	34	2.1	3.5	4.4	-	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	24	-	-	34	1.5	1.5	7.0	-	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	12	18	-	-	35	1.5	3.5	5.3	-	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	15	15	-	-	35	1.5	4.4	4.4	-	-	21,000	6.2	35,000	10.3	42,000	12.3	1,541	2,485	3,777
	5	7	24	-	-	36	1.5	2.1	7.0	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	9	12	15	-	-	36	2.6	3.5	4.4	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	12	12	12	-	-	36	3.5	3.5	3.5	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	9	9	18	-	-	36	2.6	2.6	5.3	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	7	12	18	-	-	37	2.1	3.5	5.3	-	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	7	15	15	-	-	37	2.1	4.4	4.4	-	-	22,200	6.5	37,000	10.8	44,400	13.1	1,628	2,625	3,990
	5	9	24	-	-	38	1.5	2.6	7.0	-	-	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	5	15	18	-	-	38	1.5	4.4	5.3	-	-	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	7	7	24	-	-	38	2.1	2.1	7.0	-	-	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	9	12	18	-	-	39	2.6	3.4	5.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	15	15	-	-	39	2.6	4.3	4.3	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	15	-	-	39	3.4	3.4	4.3	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	24	-	-	40	2.0	2.5	6.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	15	18	-	-	40	2.0	4.2	5.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	12	24	-	-	41	1.4	3.3	6.6	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	18	18	-	-	41	1.4	4.9	4.9	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	18	-	-	42	3.2	3.2	4.8	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	24	-	-	42	2.4	2.4	6.4	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	15	18	-	-	42	2.4	4.0	4.8	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	15	15	-	-	42	3.2	4.0	4.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	18	18	-	-	43	1.8	4.7	4.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	24	-	-	43	1.8	3.1	6.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	15	24	-	-	44	1.3	3.8	6.1	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	18	18	-	-	45	2.2	4.5	4.5	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	12	24	-	-	45	2.2	3.0	6.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	15	18	-	-	45	3.0	3.7	4.5	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	15	15	15	-	-	45	3.7	3.7	3.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	15	24	-	-	46	1.7	3.7	5.8	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	18	24	-	-	47	1.2	4.3	5.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	15	24	-	-	48	2.1	3.5	5.6	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	18	18	-	-	48	2.8	4.2	4.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	24	-	-	48	2.8	2.8	5.6	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	15	15	18	-	-	48	3.5	3.5	4.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	18	24	-	-	49	1.6	4.1	5.5	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	18	24	-	-	51	2.0	4.0	5.3	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	15	18	18	-	-	51	3.3	4.0	4.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150

Operation	Combination (kBtu/h)						Cooling														
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4 Unit	5	5	5	5	-	20	1.5	1.5	1.5	1.5	-	12,000	3.5	20,000	5.9	24,000	7.0	868	1,400	2,128
	5	5	5	7	-	22	1.5	1.5	1.5	2.1	-	13,200	3.9	22,000	6.4	26,400	7.7	955	1,540	2,341
	5	5	5	9	-	24	1.5	1.5	1.5	2.6	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	5	5	7	7	-	24	1.5	1.5	2.1	2.1	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	5	5	7	9	-	26	1.5	1.5	2.1	2.6	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	5	7	7	7	-	26	1.5	2.1	2.1	2.1	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	5	5	5	12	-	27	1.5	1.5	1.5	3.5	-	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	5	5	9	9	-	28	1.5	1.5	2.6	2.6	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	7	7	9	-	28	1.5	2.1	2.1	2.6	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	7	7	7	7	-	28	2.1	2.1	2.1	2.1	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	5	7	12	-	29	1.5	1.5	2.1	3.5	-	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	5	5	5	15	-	30	1.5	1.5	1.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,281	2,065	3,192
	5	7	9	9	-	30	1.5	2.1	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	7	7	7	9	-	30	2.1	2.1	2.1	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	5	5	9	12	-	31	1.5	1.5	2.6	3.5	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	7	7	12	-	31	1.5	2.1	2.1	3.5	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	5	7	15	-	32	1.5	1.5	2.1	4.4	-	19,200	5.6	32,000	9.4	38,400	11.2	1,367	2,205	3,352
	7	7	9	9	-	32	2.1	2.1	2.6	2.6	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	5	9	9	9	-	32	1.5	2.6	2.6	2.6	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	5	5	5	18	-	33	1.5	1.5	1.5	5.3	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	5	7	9	12	-	33	1.5	2.1	2.6	3.5	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	7	7	7	12	-	33	2.1	2.1	2.1	3.5	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	5	5	9	15	-	34	1.5	1.5	2.6	4.4	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	12	12	-	34	1.5	1.5	3.5	3.5	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	7	7	15	-	34	1.5	2.1	2.1	4.4	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	7	9	9	9	-	34	2.1	2.6	2.6	2.6	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	7	18	-	35	1.5	1.5	2.1	5.3	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	9	9	12	-	35	1.5	2.6	2.6	3.5	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	7	7	9	12	-	35	2.1	2.1	2.6	3.5	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	7	9	15	-	36	1.5	2.1	2.6	4.4	-	21,600	6.4	36,000	10.6	43,200	12.6	1,541	2,485	3,777
	5	7	12	12	-	36	1.5	2.1	3.5	3.5	-	21,600	6.3	36,000	10.6	43,200	12.6	1,562	2,520	3,831
	7	7	7	15	-	36	2.1	2.1	2.1	4.4	-	21,600	6.3	36,000	10.6	43,200	12.6	1,562	2,520	3,831
	9	9	9	9	-	36	2.6	2.6	2.6	2.6	-	21,600	6.3	36,000	10.6	43,200	12.6	1,562	2,520	3,831
	5	5	9	18	-	37	1.5	1.5	2.6	5.3	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	5	12	15	-	37	1.5	1.5	3.5	4.4	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	7	7	18	-	37	1.5	2.1	2.1	5.3	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	7	9	9	12	-	37	2.1	2.6	2.6	3.5	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	9	9	15	-	38	1.5	2.6	2.6	4.4	-	22,800	6.7	38,000	11.1	45,600	13.4	1,693	2,730	4,150
	7	7	9	15	-	38	2.1	2.1	2.6	4.4	-	22,800	6.7	38,000	11.1	45,600	13.4	1,693	2,730	4,150
	7	7	12	12	-	38	2.1	2.1	3.5	3.5	-	22,800	6.7	38,000	11.1	45,600	13.4	1,693	2,730	4,150
	5	5	5	24	-	39	1.4	1.4	1.4	6.9	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	18	-	39	1.4	2.0	2.6	5.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	12	15	-	39	1.4	2.0	3.4	4.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	12	-	39	2.6	2.6	2.6	3.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	18	-	39	2.0	2.0	2.0	5.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	12	18	-	40	1.4	1.4	3.4	5.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	15	-	40	2.0	2.5	2.5	4.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	12	-	40	2.0	2.5	3.4	3.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	24	-	41	1.4	1.4	1.9	6.6	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	12	15	-	41	1.4	2.5	3.3	4.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	12	12	12	-	41	1.4	3.3	3.3	3.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	18	-	41	1.9	1.9	2.5	4.9	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	12	15	-	41	1.9	1.9	3.3	4.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	15	15	-	42	1.3	1.9	4.0	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	15	-	42	2.4	2.4	2.4	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	12	12	-	42	2.4	2.4	3.2	3.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	15	-	43	1.8	2.3	3.1	3.9	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	12	12	-	43	1.8	3.1	3.1	3.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	18	-	43	1.8	2.3	2.3	4.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	15	15	-	44	1.3	2.3	3.8	3.8	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	12	18	-	44	1.8	1.8	3.1	4.6	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	15	15	-	44	1.8	1.8	3.8	3.8	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	18	15	-	45	1.2	1.7	4.5	3.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	12	15	-	45	2.2	2.2	3.0	3.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	12	12	12	-	45	2.2	3.0	3.0	3.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	18	-	45	2.2	2.2	2.2	4.5	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	24	-	45	1.7	1.7	1.7	6.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	18	-	46	1.7	2.2	2.9	4.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	15	15	-	46	1.7	2.2	3.7	3.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	12	15	-	46	1.7	2.9	2.9	3.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	18	18	-	46	1.2	1.2	4.4	4.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	12	12	18	-	47	1.2	2.9	2.9	4.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	24	-	47	1.7	1.7	2.1	5.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	15	18	-	47	1.7	1.7	3.6	4.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	15	18	-	47	1.2	2.1	3.6	4.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	12	15	15	-	47	1.2	2.9	3.6	3.6	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	15	15	-	48	2.1	2.1	3.5	3.5	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	18	18	-	48	1.2	1.6	4.2	4.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	12	12	-	48	2.8	2.8	2.8	2.8	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	12	18	-	48	2.1	2.1	2.8	4.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	15	24	-	49	1.1	1.1	3.4	5.5	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	15	15	-	49	1.6	2.7	3.4	3.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	12	18	-	49	1.6	2.7	2.7	4.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	15	18	-	49	1.6	2.1	3.4	4.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	24	-	49	1.6	2.1	2.1	5.5	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	18	18	-	50	1.1	2.0	4.0	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	15	15	15	-	50	1.1	3.4	3.4	3.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	12	24	-	50	1.6	1.6	2.7	5.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	18	18	-	50	1.6	1.6	4.0	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	15	24	-	51	1.1	1.5	3.3	5.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	15	18	-	51	2.0	2.0	3.3	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	12	12	18	-	51	2.0	2.6	2.6	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	24	-	51	2.0	2.0	2.0	5.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	12	15	15	-	51	2.0	2.6	3.3	3.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	18	24	-	52	1.1	1.1	3.9	5.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	24	-	52	1.5	1.9	2.6	5.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	15	15	15	-	52	1.5	3.2	3.2	3.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
5 Unit	5	5	5	5	5	25	1.5	1.5	1.5	1.5	1.5	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660
	5	5	5	5	7	27	1.5	1.5	1.5	1.5	2.1	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	5	5	5	5	9	29	1.5	1.5	1.5	1.5	2.6	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	5	5	5	7	7	29	1.5	1.5	1.5	2.1	2.1	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	5	5	5	7	9	31	1.5	1.5	1.5	2.1	2.6	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	5	7	7	7	31	1.5	1.5	2.1	2.1	2.1	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	5	5	5	12	32	1.5	1.5	1.5	1.5	3.5	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	5	5	5	9	9	33	1.5	1.5	1.5	2.6	2.6	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	5	5	7	7	9	33	1.5	1.5	2.1	2.1	2.6	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512

COMBINATION TABLE

MU5M40 UO2

Operation	Combination (kBtu/h)						Cooling													
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5 Unit	5	7	7	7	7	33	1.5	2.1	2.1	2.1	2.1	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	5	5	5	7	12	34	1.5	1.5	1.5	2.1	3.5	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	5	5	15	35	1.5	1.5	1.5	1.5	4.4	21,000	6.2	35,000	10.3	42,000	12.3	1,498	2,415	3,671
	5	7	7	7	9	35	1.5	2.1	2.1	2.1	2.6	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	7	7	7	7	7	35	2.1	2.1	2.1	2.1	2.1	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	5	5	9	12	36	1.5	1.5	1.5	2.6	3.5	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	5	5	7	7	12	36	1.5	1.5	2.1	2.1	3.5	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	5	5	5	7	15	37	1.5	1.5	1.5	2.1	4.4	22,200	6.4	37,000	10.8	44,400	13.0	1,584	2,555	3,884
	5	5	9	9	9	37	1.5	1.5	2.6	2.6	2.6	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	7	7	9	9	37	1.5	2.1	2.1	2.6	2.6	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	7	7	7	7	9	37	2.1	2.1	2.1	2.1	2.6	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	5	5	5	18	38	1.5	1.5	1.5	1.5	5.3	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	5	7	7	7	12	38	1.5	2.1	2.1	2.1	3.5	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	5	5	5	9	15	39	1.4	1.4	1.4	2.6	4.3	22,920	6.8	38,200	11.2	45,840	13.5	1,671	2,695	4,097
	5	5	5	12	12	39	1.4	1.4	1.4	3.4	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	7	15	39	1.4	1.4	2.0	2.0	4.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	9	9	39	2.0	2.0	2.0	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	9	9	39	1.4	2.0	2.6	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	7	18	40	1.4	1.4	1.4	2.0	5.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	9	12	40	1.4	1.4	2.5	2.5	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	9	12	40	1.4	2.0	2.0	2.5	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	7	12	40	2.0	2.0	2.0	2.0	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	9	15	41	1.4	1.4	1.9	2.5	4.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	7	15	41	1.4	1.9	1.9	1.9	4.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	9	9	9	41	1.4	2.5	2.5	2.5	2.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	9	9	41	1.9	1.9	2.5	2.5	2.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	9	18	42	1.3	1.3	1.3	2.4	4.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	12	15	42	1.3	1.3	1.3	3.2	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	7	18	42	1.3	1.3	1.9	1.9	4.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	9	12	42	1.3	1.9	2.4	2.4	3.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	9	12	42	1.9	1.9	1.9	2.4	3.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	9	15	43	1.3	1.3	2.3	2.3	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	9	15	43	1.3	1.8	1.8	2.3	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	12	12	43	1.3	1.8	1.8	3.1	3.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	7	15	43	1.8	1.8	1.8	1.8	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	9	9	43	1.8	2.3	2.3	2.3	2.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	12	15	44	1.3	1.3	1.8	3.1	3.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	5	24	44	1.3	1.3	1.3	1.3	6.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	7	18	44	1.3	1.8	1.8	1.8	4.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	9	9	12	44	1.3	2.3	2.3	2.3	3.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	9	12	44	1.8	1.8	2.3	2.3	3.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	12	18	45	1.2	1.2	1.2	3.0	4.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	15	15	45	1.2	1.2	1.2	3.7	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	9	15	45	1.2	1.7	2.2	2.2	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	12	12	45	1.2	1.7	2.2	3.0	3.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	9	15	45	1.7	1.7	1.7	2.2	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	12	12	45	1.7	1.7	1.7	3.0	3.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	9	9	45	2.2	2.2	2.2	2.2	2.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	7	24	46	1.2	1.2	1.2	1.7	5.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	9	18	46	1.2	1.2	2.2	2.2	4.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	12	15	46	1.2	1.2	2.2	2.9	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	12	12	12	46	1.2	1.2	2.9	2.9	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	9	18	46	1.2	1.7	1.7	2.2	4.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	12	15	46	1.2	1.7	1.7	2.9	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	7	18	46	1.7	1.7	1.7	1.7	4.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	9	12	46	1.7	2.2	2.2	2.2	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	15	15	47	1.2	1.2	1.7	3.6	3.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	9	9	15	47	1.2	2.1	2.1	2.1	3.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	9	12	12	47	1.2	2.1	2.1	2.9	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	9	15	47	1.7	1.7	2.1	2.1	3.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	12	12	47	1.7	1.7	2.1	2.9	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	9	24	48	1.2	1.2	1.2	2.1	5.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	15	18	48	1.2	1.2	1.2	3.5	4.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	7	24	48	1.2	1.2	1.6	1.6	5.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	9	18	48	1.2	1.6	2.1	2.1	4.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	12	15	48	1.2	1.6	2.1	2.8	3.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	12	12	12	48	1.2	1.6	2.8	2.8	2.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	12	15	48	1.6	1.6	1.6	2.8	3.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	9	12	48	2.1	2.1	2.1	2.1	2.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	9	18	48	1.6	1.6	1.6	2.1	4.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	15	15	49	1.1	1.1	2.1	3.4	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	15	15	49	1.1	1.6	1.6	3.4	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	9	15	49	1.6	2.1	2.1	2.1	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	12	12	49	1.6	2.1	2.1	2.7	2.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	9	24	50	1.1	1.1	1.6	2.0	5.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	15	18	50	1.1	1.1	1.6	3.4	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	9	9	18	50	1.1	2.0	2.0	2.0	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	12	12	12	50	1.1	2.0	2.7	2.7	2.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	12	12	12	50	1.6	1.6	2.7	2.7	2.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	9	18	50	1.6	1.6	2.0	2.0	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	12	15	50	1.6	1.6	2.0	2.7	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	15	15	51	1.1	1.5	2.0	3.3	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	12	12	15	51	1.1	1.5	2.6	2.6	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	15	15	51	1.5	1.5	1.5	3.3	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	9	15	51	2.0	2.0	2.0	2.0	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	12	12	51	2.0	2.0	2.0	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	12	18	51	1.5	1.5	1.5	2.6	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	15	15	51	1.5	1.5	1.5	3.3	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	9	15	51	2.0	2.0	2.0	2.0	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	15	18	52	1.1	1.1	1.9	3.2	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	12	15	15	52	1.1	1.1	2.6	3.2	3.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	15	18	52	1.1	1.5	1.5	3.2	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	12	15	52	1.5	1.9	1.9	2.6	3.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	12	12	52	1.5	1.9	2.6	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	9	18	52	1.5	1.9	1.9	1.9	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	7	24	52	1.5	1.5	1.5	1.5	5.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 48kBtu/h
4. At least two indoor units should be connected.

Operation	Combination (kBtu/h)						Heating															
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	-	-	-	-	5	1.6	-	-	-	-	5,000	1.5	5,500	1.6	6,600	1.9	820	1,120	1,826
	7	-	-	-	-	7	2.5	-	-	-	-	5,500	1.6	8,400	2.5	9,660	2.8	820	1,120	1,826
	9	-	-	-	-	9	3.2	-	-	-	-	6,480	1.9	10,800	3.2	12,420	3.6	820	1,120	1,826
	12	-	-	-	-	12	3.9	-	-	-	-	7,920	2.3	13,200	3.9	15,840	4.6	820	1,120	1,826
	15	-	-	-	-	15	4.8	-	-	-	-	9,900	2.9	16,500	4.8	18,975	5.6	820	1,190	1,826
	18	-	-	-	-	18	5.8	-	-	-	-	11,880	3.5	19,800	5.8	22,770	6.7	820	1,260	1,966
	24	-	-	-	-	24	7.4	-	-	-	-	15,240	4.5	25,400	7.4	26,670	7.8	1,042	1,680	2,296
2 Unit	5	5	-	-	-	10	1.6	1.6	-	-	-	6,600	1.9	11,000	3.2	13,200	3.9	820	1,120	1,826
	5	7	-	-	-	12	1.6	2.3	-	-	-	7,920	2.3	13,200	3.9	15,840	4.6	820	1,120	1,826
	5	9	-	-	-	14	1.6	2.9	-	-	-	9,240	2.7	15,400	4.5	18,480	5.4	820	1,120	1,826
	7	7	-	-	-	14	2.3	2.3	-	-	-	9,240	2.7	15,400	4.5	18,480	5.4	820	1,120	1,826
	7	9	-	-	-	16	2.3	2.9	-	-	-	10,560	3.1	17,600	5.2	21,120	6.2	820	1,120	1,826
	5	12	-	-	-	17	1.6	3.9	-	-	-	11,220	3.3	18,700	5.5	22,440	6.6	820	1,190	1,940
	9	9	-	-	-	18	2.9	2.9	-	-	-	11,880	3.5	19,800	5.8	23,760	7.0	820	1,260	2,054
	7	12	-	-	-	19	2.3	3.9	-	-	-	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
	5	15	-	-	-	20	1.6	4.8	-	-	-	13,200	3.9	22,000	6.4	26,400	7.8	868	1,400	2,282
	9	12	-	-	-	21	2.9	3.9	-	-	-	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
	7	15	-	-	-	22	2.3	4.8	-	-	-	14,520	4.3	24,200	7.1	29,040	8.4	954	1,540	2,510
	5	18	-	-	-	23	1.6	5.8	-	-	-	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
	9	15	-	-	-	24	2.9	4.8	-	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,020	1,645	2,681
	12	12	-	-	-	24	3.9	3.9	-	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	7	18	-	-	-	25	2.3	5.8	-	-	-	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
	9	18	-	-	-	27	2.9	5.8	-	-	-	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	12	15	-	-	-	27	3.9	4.8	-	-	-	17,820	5.2	29,700	8.7	35,640	10.4	1,215	1,960	3,195
	5	24	-	-	-	29	1.6	7.7	-	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	12	18	-	-	-	30	3.9	5.8	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	15	15	-	-	-	30	4.8	4.8	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,324	2,135	3,480
	7	24	-	-	-	31	2.3	7.7	-	-	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	9	24	-	-	-	33	2.9	7.7	-	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	15	18	-	-	-	33	4.8	5.8	-	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,497	2,415	3,936
	18	18	-	-	-	36	5.8	5.8	-	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	12	24	-	-	-	36	3.9	7.7	-	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	15	24	-	-	-	39	4.8	7.7	-	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	18	24	-	-	-	42	5.4	7.2	-	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	24	24	-	-	-	48	6.3	6.3	-	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
3 Unit	5	5	5	-	-	15	1.6	1.6	1.6	-	-	9,900	2.9	16,500	4.8	19,800	5.8	820	1,120	1,826
	5	5	7	-	-	17	1.6	1.6	2.3	-	-	11,220	3.3	18,700	5.5	22,440	6.6	820	1,190	1,940
	5	5	9	-	-	19	1.6	1.6	2.9	-	-	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
	5	7	7	-	-	19	1.6	2.3	2.3	-	-	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
	5	7	9	-	-	21	1.6	2.3	2.9	-	-	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
	7	7	7	-	-	21	2.3	2.3	2.3	-	-	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
	5	5	12	-	-	22	1.6	1.6	3.9	-	-	14,520	4.3	24,200	7.1	29,040	8.5	955	1,540	2,510
	7	7	9	-	-	23	2.3	2.3	2.9	-	-	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
	5	9	9	-	-	23	1.6	2.9	2.9	-	-	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
	5	7	12	-	-	24	1.6	2.3	3.9	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	5	5	15	-	-	25	1.6	1.6	4.8	-	-	16,500	4.8	27,500	8.1	33,000	9.7	1,064	1,715	2,795
	7	9	9	-	-	25	2.3	2.9	2.9	-	-	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
	5	9	12	-	-	26	1.6	2.9	3.9	-	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	7	7	12	-	-	26	2.3	2.3	3.9	-	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	5	7	15	-	-	27	1.6	2.3	4.8	-	-	17,820	5.2	29,700	8.7	35,640	10.5	1,150	1,855	3,024
	9	9	9	-	-	27	2.9	2.9	2.9	-	-	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	7	9	12	-	-	28	2.3	2.9	3.9	-	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	5	18	-	-	28	1.6	1.6	5.8	-	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	9	15	-	-	29	1.6	2.9	4.8	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,237	1,995	3,252
	5	12	12	-	-	29	1.6	3.9	3.9	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	7	7	15	-	-	29	2.3	2.3	4.8	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	7	18	-	-	30	1.6	2.3	5.8	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	9	9	12	-	-	30	2.9	2.9	3.9	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	7	9	15	-	-	31	2.3	2.9	4.8	-	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	7	12	12	-	-	31	2.3	3.9	3.9	-	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	12	15	-	-	32	1.6	3.9	4.8	-	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	9	18	-	-	32	1.6	2.9	5.8	-	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	7	7	18	-	-	32	2.3	2.3	5.8	-	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	9	9	15	-	-	33	2.9	2.9	4.8	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,433	2,310	3,765
	9	12	12	-	-	33	2.9	3.9	3.9	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,433	2,310	3,765
	7	9	18	-	-	34	2.3	2.9	5.8	-	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	7	12	15	-	-	34	2.3	3.9	4.8	-	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	5	24	-	-	34	1.6	1.6	7.7	-	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	12	18	-	-	35	1.6	3.9	5.8	-	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	15	15	-	-	35	1.6	4.8	4.8	-	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	7	24	-	-	36	1.6	2.3	7.7	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	9	12	15	-	-	36	2.9	3.9	4.8	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	12	12	12	-	-	36	3.9	3.9	3.9	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	9	9	18	-	-	36	2.9	2.9	5.8	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	7	12	18	-	-	37	2.3	3.9	5.8	-	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	7	15	15	-	-	37	2.3	4.8	4.8	-	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	9	24	-	-	38	1.6	2.9	7.7	-	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	15	18	-	-	38	1.6	4.8	5.8	-	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	7	7	24	-	-	38	2.3	2.3	7.7	-	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	9	12	18	-	-	39	2.9	3.9	5.8	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	15	15	-	-	39	2.9	4.8	4.8	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	12	15	-	-	39	3.9	3.9	4.8	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	24	-	-	40	2.2	2.8	7.5	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	15	18	-	-	40	2.2	4.7	5.6	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	24	-	-	41	1.5	3.7	7.3	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	18	18	-	-	41	1.5	5.5	5.5	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	12	18	-	-	42	3.6	3.6	5.4	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	24	-	-	42	2.7	2.7	7.2	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	15	18	-	-	42	2.7	4.5	5.4	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	15	15	-	-	42	3.6	4.5	4.5	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	18	18	-	-	43	2.0	5.2	5.2	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	24	-	-	43	2.0	3.5	7.0	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	15	24	-	-	44	1.4	4.3	6.8	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	18	18	-	-	45	2.5	5.0	5.0	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	24	-	-	45	2.5	3.3	6.7	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	15	18	-	-	45	3.3	4.2	5.0	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	15	15	15	-	-	45	4.2	4.2	4.2	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	15	24	-	-	46	1.9	4.1	6.5	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	18	24	-	-	47	1.3	4.8	6.4	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	15	24	-	-	48	2.3	3.9	6.3	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	18	18	-	-	48	3.1	4.7	4.7	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	12	24	-	-	48	3.1	3.1	6.3	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	15	15	18	-	-	48	3.9	3.9	4.7	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	18	24	-	-	49	1.8	4.6	6.1	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	18	24	-	-	51	2.2	4.4	5.9	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	15	18	18	-	-	51	3.7	4.4	4.4	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450

COMBINATION TABLE

MU5M40 UO2

Operation	Combination (kBtu/h)						Heating															
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4 Unit	5	5	5	5	-	20	1.7	1.7	1.7	1.7	-	13,860	4.1	23,100	6.8	27,720	8.1	868	1,400	2,282
	5	5	5	7	-	22	1.7	1.7	1.7	2.4	-	15,180	4.4	25,300	7.4	30,360	8.9	955	1,540	2,510
	5	5	5	9	-	24	1.6	1.6	1.6	2.9	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	5	5	7	7	-	24	1.6	1.6	2.3	2.3	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	5	5	7	9	-	26	1.6	1.6	2.3	2.9	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	5	7	7	7	-	26	1.6	2.3	2.3	2.3	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	5	5	5	12	-	27	1.6	1.6	1.6	3.9	-	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	5	5	9	9	-	28	1.6	1.6	2.9	2.9	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	7	7	9	-	28	1.6	2.3	2.3	2.9	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	7	7	7	7	-	28	2.3	2.3	2.3	2.3	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	5	7	12	-	29	1.6	1.6	2.3	3.9	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	5	5	15	-	30	1.6	1.6	1.6	4.8	-	19,800	5.8	33,000	9.7	39,600	11.6	1,281	2,065	3,366
	5	7	9	9	-	30	1.6	2.3	2.9	2.9	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	7	7	7	9	-	30	2.3	2.3	2.3	2.9	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	5	5	9	12	-	31	1.6	1.6	2.9	3.9	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	7	7	12	-	31	1.6	2.3	2.3	3.9	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	5	7	15	-	32	1.6	1.6	2.3	4.8	-	21,120	6.2	35,200	10.3	42,240	12.4	1,367	2,205	3,594
	7	7	9	9	-	32	2.3	2.3	2.9	2.9	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	9	9	9	-	32	1.6	2.9	2.9	2.9	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	5	5	18	-	33	1.6	1.6	1.6	5.8	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	7	9	12	-	33	1.6	2.3	2.9	3.9	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	7	7	7	12	-	33	2.3	2.3	2.3	3.9	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	5	9	15	-	34	1.6	1.6	2.9	4.8	-	22,440	6.6	37,400	11.0	44,880	13.2	1,454	2,345	3,822
	5	5	12	12	-	34	1.6	1.6	3.9	3.9	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	7	7	15	-	34	1.6	2.3	2.3	4.8	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	7	9	9	9	-	34	2.3	2.9	2.9	2.9	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	5	7	18	-	35	1.6	1.6	2.3	5.8	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	9	9	12	-	35	1.6	2.9	2.9	3.9	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	7	7	9	12	-	35	2.3	2.3	2.9	3.9	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	7	9	15	-	36	1.6	2.3	2.9	4.8	-	23,760	7.0	39,600	11.6	47,520	13.9	1,541	2,485	4,051
	5	7	12	12	-	36	1.6	2.3	3.9	3.9	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	7	7	7	15	-	36	2.3	2.3	2.3	4.8	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	9	9	9	9	-	36	2.9	2.9	2.9	2.9	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	9	18	-	37	1.6	1.6	2.9	5.8	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	5	12	15	-	37	1.6	1.6	3.9	4.8	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	7	7	18	-	37	1.6	2.3	2.3	5.8	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	7	9	9	12	-	37	2.3	2.9	2.9	3.9	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	9	9	15	-	38	1.6	2.9	2.9	4.8	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	7	7	9	15	-	38	2.3	2.3	2.9	4.8	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	7	7	12	12	-	38	2.3	2.3	3.9	3.9	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	5	5	24	-	39	1.6	1.6	1.6	7.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	18	-	39	1.6	2.2	2.9	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	12	15	-	39	1.6	2.2	3.9	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	12	-	39	2.9	2.9	2.9	3.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	18	-	39	2.2	2.2	2.2	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	12	18	-	40	1.6	1.6	3.8	5.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	15	-	40	2.2	2.8	2.8	4.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	12	-	40	2.2	2.8	3.8	3.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	24	-	41	1.5	1.5	2.1	7.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	12	15	-	41	1.5	2.7	3.7	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	12	12	-	41	1.5	3.7	3.7	3.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	18	-	41	2.1	2.1	2.7	5.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	15	-	41	2.1	2.1	3.7	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	15	15	-	42	1.5	2.1	4.5	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	15	-	42	2.7	2.7	2.7	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	12	12	-	42	2.7	2.7	3.6	3.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	15	-	43	2.0	2.6	3.5	4.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	12	12	-	43	2.0	3.5	3.5	3.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	18	-	43	2.0	2.6	2.6	5.2	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	15	15	-	44	1.4	2.6	4.3	4.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	18	-	44	2.0	2.0	3.4	5.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	15	15	-	44	2.0	2.0	4.3	4.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	18	15	-	45	1.4	1.9	5.0	4.2	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	12	15	-	45	2.5	2.5	3.3	4.2	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	12	12	-	45	2.5	3.3	3.3	3.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	18	-	45	2.5	2.5	2.5	5.0	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	24	-	45	1.9	1.9	1.9	6.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	18	-	46	1.9	2.4	3.3	4.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	15	15	-	46	1.9	2.4	4.1	4.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	12	15	-	46	1.9	3.3	3.3	4.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	18	18	-	46	1.4	1.4	4.9	4.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	12	18	-	47	1.3	3.2	3.2	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	24	-	47	1.9	1.9	2.4	6.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	15	18	-	47	1.9	1.9	4.0	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	15	18	-	47	1.3	2.4	4.0	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	15	15	-	47	1.3	3.2	4.0	4.0	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	15	15	-	48	2.3	2.3	3.9	3.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	18	18	-	48	1.3	1.8	4.7	4.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	12	12	12	-	48	3.1	3.1	3.1	3.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	12	18	-	48	2.3	2.3	3.1	4.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	15	24	-	49	1.3	1.3	3.8	6.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	15	18	-	49	1.8	2.3	3.8	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	12	18	-	49	1.8	3.1	3.1	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	15	15	-	49	1.8	3.1	3.8	3.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	24	-	49	1.8	2.3	2.3	6.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	18	18	-	50	1.3	2.3	4.5	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	15	15	15	-	50	1.3	3.8	3.8	3.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	24	-	50	1.8	1.8	3.0	6.0	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	18	18	-	50	1.8	1.8	4.5	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	15	24	-	51	1.2	1.7	3.7	5.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	15	18	-	51	2.2	2.2	3.7	4.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	12	18	-	51	2.2	2.9	2.9	4.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	24	-	51	2.2	2.2	2.2	5.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	15	15	-	51	2.2	2.9	3.7	3.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	18	24	-	52	1.2	1.2	4.3	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	24	-	52	1.7	2.2	2.9	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	15	15	15	-	52	1.7	3.6	3.6	3.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
5 Unit	5	5	5	5	5	25	1.6	1.6	1.6	1.6	1.6	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
	5	5	5	5	7	27	1.6	1.6	1.6	1.6	2.3	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	5	5	5	5	9	29	1.6	1.6	1.6	1.6	2.9	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	5	5	7	7	29	1.6	1.6	1.6	2.3	2.3	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	5	5	7	9	31	1.6	1.6	1.6	2.3	2.9	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	5	7	7	7	31	1.6	1.6	2.3	2.3	2.3	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	5	5	5	12	32	1.6	1.6	1.6	1.6	3.9	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	5	5	9	9	33	1.6	1.6	1.6	2.9	2.9	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	5	7	7	9	33	1.6	1.6	2.3	2.3	2.9	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	7	7	7	7	33	1.6	2.3	2.3	2.3	2.3	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765

Operation	Combination (kBtu/h)						Heating														
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5 Unit	5	5	5	7	12	34	1.6	1.6	1.6	2.3	3.9	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	5	5	5	15	35	1.6	1.6	1.6	1.6	4.8	23,100	6.8	38,500	11.3	46,200	13.5	1,498	2,415	3,936
	5	7	7	7	9	35	1.6	2.3	2.3	2.3	2.9	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	7	7	7	7	7	35	2.3	2.3	2.3	2.3	2.3	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	5	5	9	12	36	1.6	1.6	1.6	2.9	3.9	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	7	7	12	36	1.6	1.6	2.3	2.3	3.9	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	5	7	15	37	1.6	1.6	1.6	2.3	4.8	24,420	7.2	40,700	11.9	48,840	14.3	1,584	2,555	4,165
	5	5	9	9	9	37	1.6	1.6	2.9	2.9	2.9	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	7	7	9	9	37	1.6	2.3	2.3	2.9	2.9	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	7	7	7	7	9	37	2.3	2.3	2.3	2.3	2.9	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	5	5	5	18	38	1.6	1.6	1.6	1.6	5.8	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	7	7	7	12	38	1.6	2.3	2.3	2.3	3.9	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	5	5	9	15	39	1.6	1.6	1.6	2.9	4.8	25,620	7.5	42,700	12.5	51,240	15.0	1,695	2,735	4,458
	5	5	5	12	12	39	1.6	1.6	1.6	3.9	3.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	7	15	39	1.6	1.6	2.2	2.2	4.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	9	9	39	2.2	2.2	2.2	2.9	2.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	9	9	39	1.6	2.2	2.9	2.9	2.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	7	18	40	1.6	1.6	1.6	2.2	5.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	9	12	40	1.6	1.6	2.8	2.8	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	9	12	40	1.6	2.2	2.2	2.8	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	12	40	2.2	2.2	2.2	2.2	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	9	15	41	1.5	1.5	2.1	2.7	4.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	7	15	41	1.5	2.1	2.1	2.1	4.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	9	9	41	1.5	2.7	2.7	2.7	2.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	9	9	41	2.1	2.1	2.7	2.7	2.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	9	18	42	1.5	1.5	1.5	2.7	5.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	12	15	42	1.5	1.5	1.5	3.6	4.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	7	18	42	1.5	1.5	2.1	2.1	5.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	9	12	42	1.5	2.1	2.7	2.7	3.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	9	12	42	2.1	2.1	2.1	2.7	3.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	9	15	43	1.5	1.5	2.6	2.6	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	9	15	43	1.5	2.0	2.0	2.6	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	12	12	43	1.5	2.0	2.0	3.5	3.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	15	43	2.0	2.0	2.0	2.0	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	9	9	43	2.0	2.6	2.6	2.6	2.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	12	15	44	1.4	1.4	2.0	3.4	4.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	5	24	44	1.4	1.4	1.4	1.4	6.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	7	18	44	1.4	2.0	2.0	2.0	5.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	9	12	44	1.4	2.6	2.6	2.6	3.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	9	12	44	2.0	2.0	2.6	2.6	3.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	12	18	45	1.4	1.4	1.4	3.3	5.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	15	15	45	1.4	1.4	1.4	4.2	4.2	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	9	15	45	1.4	1.9	2.5	2.5	4.2	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	12	12	45	1.4	1.9	2.5	3.3	3.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	9	15	45	1.9	1.9	1.9	2.5	4.2	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	12	12	45	1.9	1.9	1.9	3.3	3.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	9	9	45	2.5	2.5	2.5	2.5	2.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	7	24	46	1.4	1.4	1.4	1.9	6.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	9	18	46	1.4	1.4	2.4	2.4	4.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	12	15	46	1.4	1.4	2.4	3.3	4.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	12	12	12	46	1.4	1.4	3.3	3.3	3.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	9	18	46	1.4	1.9	1.9	2.4	4.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	12	15	46	1.4	1.9	1.9	3.3	4.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	18	46	1.9	1.9	1.9	1.9	4.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	9	12	46	1.9	2.4	2.4	2.4	3.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	15	15	47	1.3	1.3	1.9	4.0	4.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	9	15	47	1.3	2.4	2.4	2.4	4.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	12	12	47	1.3	2.4	2.4	3.2	3.2	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	9	15	47	1.9	1.9	2.4	2.4	4.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	12	12	47	1.9	1.9	2.4	3.2	3.2	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	9	24	48	1.3	1.3	1.3	2.3	6.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	18	15	48	1.3	1.3	1.3	4.7	3.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	7	24	48	1.3	1.3	1.8	1.8	6.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	9	18	48	1.3	1.8	2.3	2.3	4.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	12	15	48	1.3	1.8	2.3	3.1	3.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	12	12	12	48	1.3	1.8	3.1	3.1	3.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	12	15	48	1.8	1.8	1.8	3.1	3.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	9	12	48	2.3	2.3	2.3	2.3	3.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	9	18	48	1.8	1.8	1.8	2.3	4.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	15	15	49	1.3	1.3	2.3	3.8	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	15	15	49	1.3	1.8	1.8	3.8	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	9	15	49	1.8	2.3	2.3	2.3	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	12	12	49	1.8	2.3	2.3	3.1	3.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	9	24	50	1.3	1.3	1.8	2.3	6.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	15	18	50	1.3	1.3	1.8	3.8	4.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	9	18	50	1.3	2.3	2.3	2.3	4.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	12	12	12	50	1.8	1.8	3.0	3.0	3.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	12	12	50	1.8	1.8	3.0	3.0	3.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	9	18	50	1.8	1.8	2.3	2.3	4.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	12	15	50	1.8	1.8	2.3	3.0	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	15	15	51	1.2	1.7	2.2	3.7	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	12	12	15	51	1.2	1.7	2.9	2.9	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	15	15	51	1.7	1.7	1.7	3.7	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	9	15	51	2.2	2.2	2.2	2.2	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	12	12	51	2.2	2.2	2.2	2.9	2.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	12	18	51	1.7	1.7	1.7	2.9	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	15	15	51	1.7	1.7	1.7	3.7	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	9	15	51	2.2	2.2	2.2	2.2	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	15	18	52	1.2	1.2	2.2	3.6	4.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	12	15	15	52	1.2	1.2	2.9	3.6	3.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	15	18	52	1.2	1.7	1.7	3.6	4.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	12	15	52	1.7	2.2	2.2	2.9	3.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	12	12	52	1.7	2.2	2.9	2.9	2.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	9	18	52	1.7	2.2	2.2	2.2	4.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	24	52	1.7	1.7	1.7	1.7	5.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450

Note :

1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The total ability of connected a indoor unit is up to 48kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

FM40AH UO2

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	9,600	2.8	16,000	4.7	19,200	5.6	780	1,120	1,703	10,560	3.1	17,600	5.2	21,120	6.2	820	1,120	1,826
18	10,800	3.2	18,000	5.3	21,600	6.3	800	1,260	1,915	11,880	3.5	19,800	5.8	23,760	7.0	820	1,260	2,054
19	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
21	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
23	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
24	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
25	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
26	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
27	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
28	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
29	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
30	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
31	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
32	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
33	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
34	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
35	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
36	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
37	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
38	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
39	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
40	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
41	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
42	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
43	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
44	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
45	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
46	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
47	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
48	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
49	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
50	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
51	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
52	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
53	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
54	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4. Total capacity index of indoor unit should be within 16 ~ 52 kBtu/h (40% ~ 130%)
5. At least two indoor units should be connected.

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Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11,400	3.3	18,535	5.4	20,900	6.1	840	1,222	1,665	12,768	3.7	23,088	6.8	27,365	8.0	1,300	1,728	2,470
20	12,000	3.5	19,510	5.7	22,000	6.4	880	1,282	1,746	13,440	3.9	24,303	7.1	28,482	8.3	1,348	1,863	2,663
21	12,600	3.7	20,486	6.0	23,100	6.8	920	1,341	1,827	14,112	4.1	25,518	7.5	29,600	8.7	1,395	1,997	2,855
22	13,200	3.9	21,461	6.3	24,200	7.1	960	1,401	1,908	14,784	4.3	26,733	7.8	30,869	9.0	1,443	2,132	3,048
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	57,100	16.7	2,174	3,308	4,745
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	57,712	16.9	2,211	3,365	4,802
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,324	17.1	2,246	3,417	4,859
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,936	17.3	2,299	3,498	4,917
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,548	17.5	2,352	3,579	4,974
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	60,159	17.6	2,406	3,660	5,031
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,735	16.0	60,771	17.8	2,459	3,741	5,088
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	54,870	16.1	61,383	18.0	2,512	3,822	5,145
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,005	16.1	61,995	18.2	2,566	3,903	5,202
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,140	16.2	62,607	18.3	2,579	3,924	5,259
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	55,275	16.2	63,219	18.5	2,593	3,944	5,316
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	55,410	16.2	63,831	18.7	2,606	3,964	5,373
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	55,545	16.3	64,443	18.9	2,619	3,985	5,430
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	55,680	16.3	65,054	19.1	2,633	4,005	5,487
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	55,815	16.4	65,666	19.2	2,646	4,025	5,544
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	55,950	16.4	66,278	19.4	2,659	4,046	5,601
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	56,085	16.4	66,890	19.6	2,673	4,066	5,658
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	56,220	16.5	67,502	19.8	2,686	4,086	5,715
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	56,355	16.5	68,114	20.0	2,699	4,107	5,772
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	56,500	16.6	59,000	17.3	2,734	4,160	5,170

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4. Total capacity index of indoor unit should be within 19 ~ 62k Btu/h (40% ~ 130%)
5. At least two indoor units should be connected.

MULTI SPLIT

COMBINATION TABLE

FM56AH U32

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	58,000	17.0	2,174	3,308	4,728
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	58,292	17.1	2,211	3,365	4,812
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,584	17.2	2,246	3,417	4,884
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,876	17.3	2,299	3,498	5,000
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,168	17.3	2,352	3,579	5,116
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	59,460	17.4	2,406	3,660	5,232
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,943	16.1	59,750	17.5	2,459	3,741	5,348
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	55,286	16.2	60,375	17.7	2,512	3,822	5,464
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,629	16.3	61,000	17.9	2,566	3,903	5,580
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,971	16.4	61,176	17.9	2,579	3,924	5,609
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	56,314	16.5	61,353	18.0	2,593	3,944	5,638
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	56,657	16.6	61,529	18.0	2,606	3,964	5,667
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	57,000	16.7	61,706	18.1	2,619	3,985	5,696
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	57,343	16.8	61,882	18.1	2,633	4,005	5,725
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	57,686	16.9	62,059	18.2	2,646	4,025	5,754
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	58,029	17.0	62,235	18.2	2,659	4,046	5,783
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	58,371	17.1	62,412	18.3	2,673	4,066	5,812
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	58,714	17.2	62,588	18.3	2,686	4,086	5,841
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	59,057	17.3	62,765	18.4	2,699	4,107	5,870
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	59,400	17.4	62,941	18.4	2,734	4,160	5,900
64	38,400	11.3	53,264	15.6	58,592	17.2	2,776	3,887	5,158	38,698	11.3	59,636	17.5	63,047	18.5	2,726	4,147	5,929
65	39,000	11.4	53,628	15.7	59,104	17.3	2,795	3,913	5,236	39,265	11.5	59,872	17.5	63,153	18.5	2,739	4,168	5,958
66	39,600	11.6	53,992	15.8	59,616	17.5	2,814	3,940	5,314	39,832	11.7	60,108	17.6	63,259	18.5	2,753	4,188	5,987
67	40,200	11.8	54,356	15.9	60,128	17.6	2,833	3,966	5,392	40,399	11.8	60,344	17.7	63,365	18.6	2,766	4,208	6,016
68	40,800	12.0	54,720	16.0	60,640	17.8	2,852	3,993	5,470	40,966	12.0	60,580	17.8	63,471	18.6	2,780	4,229	6,045
69	41,400	12.1	55,084	16.1	61,152	17.9	2,871	4,019	5,548	41,532	12.2	60,816	17.8	63,576	18.6	2,793	4,249	6,074
70	42,000	12.3	55,448	16.3	61,664	18.1	2,890	4,046	5,626	42,099	12.3	61,052	17.9	63,682	18.7	2,806	4,269	6,103
71	42,600	12.5	55,812	16.4	62,176	18.2	2,909	4,072	5,704	42,666	12.5	61,288	18.0	63,788	18.7	2,820	4,290	6,132
72	43,200	12.7	56,176	16.5	62,688	18.4	2,928	4,099	5,782	43,233	12.7	61,524	18.0	63,894	18.7	2,833	4,310	6,161
73	43,800	12.8	56,540	16.6	63,200	18.5	2,947	4,126	5,860	43,800	12.8	61,760	18.1	64,000	18.8	2,846	4,330	6,190

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4. Total capacity index of indoor unit should be within 23 ~ 73 kBtu/h (40% ~ 130%)
5. At least two indoor units should be connected.

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Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	9,600	2.8	16,955	5.0	18,513	5.4	800	844	1,279	10,752	3	21,633	6	25,188	7	890	1,066	1,162
18	10,500	3.1	17,759	5.2	19,707	5.8	833	899	1,347	11,760	3	22,407	7	25,913	8	931	1,116	1,258
19	11,400	3.3	18,563	5.4	20,900	6.1	866	953	1,415	12,768	4	23,182	7	26,637	8	972	1,166	1,354
20	12,000	3.5	19,367	5.7	21,741	6.4	898	1,008	1,483	13,440	4	23,956	7	27,362	8	1,013	1,216	1,450
21	12,600	3.7	20,171	5.9	22,582	6.6	931	1,063	1,550	14,112	4	24,731	7	28,087	8	1,055	1,265	1,547
22	13,200	3.9	20,975	6.1	23,423	6.9	964	1,117	1,618	14,784	4	25,505	7	28,811	8	1,096	1,315	1,643
23	13,800	4.0	21,779	6.4	24,264	7.1	997	1,172	1,686	15,456	5	26,279	8	29,536	9	1,137	1,365	1,739
24	14,400	4.2	22,583	6.6	25,105	7.4	1,029	1,227	1,754	16,023	5	27,054	8	30,261	9	1,178	1,415	1,835
25	15,000	4.4	23,387	6.9	25,946	7.6	1,062	1,281	1,822	16,590	5	27,828	8	30,985	9	1,219	1,465	1,931
26	15,600	4.6	24,191	7.1	26,787	7.9	1,095	1,336	1,890	17,157	5	28,602	8	31,710	9	1,260	1,515	2,027
27	16,200	4.7	24,995	7.3	27,628	8.1	1,128	1,391	1,958	17,724	5	29,377	9	32,434	10	1,301	1,564	2,124
28	16,800	4.9	25,799	7.6	28,469	8.3	1,160	1,445	2,026	18,290	5	30,151	9	33,159	10	1,342	1,614	2,220
29	17,400	5.1	26,603	7.8	29,310	8.6	1,193	1,500	2,093	18,857	6	30,926	9	33,884	10	1,384	1,664	2,316
30	18,000	5.3	27,407	8.0	30,151	8.8	1,226	1,555	2,161	19,424	6	31,700	9	34,608	10	1,425	1,714	2,412
31	18,600	5.5	28,211	8.3	30,992	9.1	1,259	1,610	2,229	19,991	6	32,474	10	35,333	10	1,466	1,764	2,508
32	19,200	5.6	29,015	8.5	31,833	9.3	1,291	1,664	2,297	20,558	6	33,249	10	36,058	11	1,507	1,814	2,604
33	19,800	5.8	29,819	8.7	32,674	9.6	1,324	1,719	2,365	21,125	6	34,023	10	36,782	11	1,548	1,863	2,701
34	20,400	6.0	30,622	9.0	33,515	9.8	1,357	1,774	2,433	21,692	6	34,797	10	37,507	11	1,589	1,913	2,797
35	21,000	6.2	31,426	9.2	34,355	10.1	1,390	1,828	2,501	22,259	7	35,572	10	38,232	11	1,630	1,963	2,893
36	21,600	6.3	32,230	9.4	35,196	10.3	1,422	1,883	2,568	22,825	7	36,346	11	38,956	11	1,672	2,013	2,989
37	22,200	6.5	33,034	9.7	36,037	10.6	1,455	1,938	2,636	23,392	7	37,121	11	39,681	12	1,713	2,063	3,085
38	22,800	6.7	33,838	9.9	36,878	10.8	1,488	1,992	2,704	23,959	7	37,895	11	40,406	12	1,754	2,113	3,181
39	23,400	6.9	34,642	10.2	37,719	11.1	1,521	2,047	2,772	24,526	7	38,669	11	41,130	12	1,795	2,162	3,278
40	24,000	7.0	35,446	10.4	38,560	11.3	1,553	2,102	2,840	25,093	7	39,444	12	41,855	12	1,836	2,212	3,374
41	24,600	7.2	36,250	10.6	39,401	11.5	1,586	2,156	2,908	25,660	8	40,218	12	42,580	12	1,877	2,262	3,470
42	25,200	7.4	37,154	10.9	40,242	11.8	1,619	2,211	2,976	26,227	8	40,992	12	43,304	13	1,918	2,312	3,566
43	25,800	7.6	37,692	11.0	41,083	12.0	1,652	2,237	3,043	26,794	8	41,236	12	44,029	13	1,960	2,345	3,662
44	26,400	7.7	38,413	11.3	41,924	12.3	1,684	2,262	3,111	27,360	8	41,480	12	44,754	13	2,001	2,377	3,758
45	27,000	7.9	39,134	11.5	42,765	12.5	1,717	2,288	3,179	27,927	8	41,724	12	45,478	13	2,042	2,410	3,855
46	27,600	8.1	39,400	11.5	43,606	12.8	1,750	2,313	3,247	28,494	8	41,968	12	46,203	14	2,083	2,442	3,951
47	28,200	8.3	40,019	11.7	44,447	13.0	1,783	2,339	3,315	29,061	9	42,212	12	46,927	14	2,124	2,475	4,047
48	28,800	8.4	40,740	11.9	45,288	13.3	1,815	2,364	3,383	29,628	9	42,456	12	47,652	14	2,165	2,507	4,143
49	29,400	8.6	41,300	12.1	46,129	13.5	1,848	2,390	3,451	30,195	9	42,700	13	48,377	14	2,206	2,540	4,239
50	30,000	8.8	41,440	12.1	46,503	13.6	1,881	2,416	3,519	30,762	9	42,870	13	49,101	14	2,247	2,573	4,335
51	30,600	9.0	41,580	12.2	46,877	13.7	1,914	2,442	3,586	31,329	9	43,040	13	49,826	15	2,289	2,606	4,432
52	31,200	9.1	41,720	12.2	47,252	13.8	1,946	2,468	3,654	31,896	9	43,210	13	50,551	15	2,330	2,639	4,528
53	31,800	9.3	41,860	12.3	47,626	14.0	1,979	2,494	3,722	32,462	10	43,380	13	51,275	15	2,371	2,672	4,624
54	32,400	9.5	42,000	12.3	48,000	14.1	2,012	2,520	3,790	33,029	10	43,550	13	52,000	15	2,412	2,705	4,720

Note :

1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
   Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4. Total capacity index of indoor unit should be within 16 ~ 54k Btu/h (40% ~ 130%)
5. At least two indoor units should be connected.

COMBINATION TABLE

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Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11,400	3.3	18,535	5.4	20,900	6.1	840	1,222	1,665	12,768	3.7	23,088	6.8	27,365	8.0	1,300	1,728	2,470
20	12,000	3.5	19,510	5.7	22,000	6.4	880	1,282	1,746	13,440	3.9	24,303	7.1	28,482	8.3	1,348	1,863	2,663
21	12,600	3.7	20,486	6.0	23,100	6.8	920	1,341	1,827	14,112	4.1	25,518	7.5	29,600	8.7	1,395	1,997	2,855
22	13,200	3.9	21,461	6.3	24,200	7.1	960	1,401	1,908	14,784	4.3	26,733	7.8	30,869	9.0	1,443	2,132	3,048
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	57,100	16.7	2,174	3,308	4,743
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	57,677	16.9	2,211	3,365	4,797
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,253	17.1	2,246	3,417	4,851
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,830	17.2	2,299	3,498	4,906
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,406	17.4	2,352	3,579	4,960
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	59,983	17.6	2,406	3,660	5,014
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,735	16.0	60,559	17.7	2,459	3,741	5,069
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	54,870	16.1	61,136	17.9	2,512	3,822	5,123
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,005	16.1	61,712	18.1	2,566	3,903	5,177
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,140	16.2	62,289	18.3	2,579	3,924	5,232
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	55,275	16.2	62,866	18.4	2,593	3,944	5,286
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	55,410	16.2	63,442	18.6	2,606	3,964	5,341
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	55,545	16.3	64,019	18.8	2,619	3,985	5,395
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	55,680	16.3	64,595	18.9	2,633	4,005	5,449
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	55,815	16.4	65,172	19.1	2,646	4,025	5,504
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	55,950	16.4	65,748	19.3	2,659	4,046	5,558
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	56,085	16.4	66,325	19.4	2,673	4,066	5,612
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	56,220	16.5	66,901	19.6	2,686	4,086	5,667
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	56,355	16.5	67,478	19.8	2,699	4,107	5,721
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	56,500	16.6	59,000	17.3	2,734	4,160	5,170

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4. Total capacity index of indoor unit should be within 19 ~ 62k Btu/h (40% ~ 130%)
5. At least two indoor units should be connected.

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Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	58,000	17.0	2,174	3,308	4,728
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	58,292	17.1	2,211	3,365	4,812
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,584	17.2	2,246	3,417	4,884
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,876	17.3	2,299	3,498	5,000
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,168	17.3	2,352	3,579	5,116
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	59,460	17.4	2,406	3,660	5,232
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,943	16.1	59,750	17.5	2,459	3,741	5,348
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	55,286	16.2	60,375	17.7	2,512	3,822	5,464
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,629	16.3	61,000	17.9	2,566	3,903	5,580
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,971	16.4	61,176	17.9	2,579	3,924	5,609
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	56,314	16.5	61,353	18.0	2,593	3,944	5,638
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	56,657	16.6	61,529	18.0	2,606	3,964	5,667
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	57,000	16.7	61,706	18.1	2,619	3,985	5,696
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	57,343	16.8	61,882	18.1	2,633	4,005	5,725
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	57,686	16.9	62,059	18.2	2,646	4,025	5,754
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	58,029	17.0	62,235	18.2	2,659	4,046	5,783
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	58,371	17.1	62,412	18.3	2,673	4,066	5,812
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	58,714	17.2	62,588	18.3	2,686	4,086	5,841
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	59,057	17.3	62,765	18.4	2,699	4,107	5,870
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	59,400	17.4	62,941	18.4	2,734	4,160	5,900
64	38,400	11.3	53,264	15.6	58,592	17.2	2,776	3,887	5,158	38,698	11.3	59,636	17.5	63,047	18.5	2,726	4,147	5,929
65	39,000	11.4	53,628	15.7	59,104	17.3	2,795	3,913	5,236	39,265	11.5	59,872	17.5	63,153	18.5	2,739	4,168	5,958
66	39,600	11.6	53,992	15.8	59,616	17.5	2,814	3,940	5,314	39,832	11.7	60,108	17.6	63,259	18.5	2,753	4,188	5,987
67	40,200	11.8	54,356	15.9	60,128	17.6	2,833	3,966	5,392	40,399	11.8	60,344	17.7	63,365	18.6	2,766	4,208	6,016
68	40,800	12.0	54,720	16.0	60,640	17.8	2,852	3,993	5,470	40,966	12.0	60,580	17.8	63,471	18.6	2,780	4,229	6,045
69	41,400	12.1	55,084	16.1	61,152	17.9	2,871	4,019	5,548	41,532	12.2	60,816	17.8	63,576	18.6	2,793	4,249	6,074
70	42,000	12.3	55,448	16.3	61,664	18.1	2,890	4,046	5,626	42,099	12.3	61,052	17.9	63,682	18.7	2,806	4,269	6,103
71	42,600	12.5	55,812	16.4	62,176	18.2	2,909	4,072	5,704	42,666	12.5	61,288	18.0	63,788	18.7	2,820	4,290	6,132
72	43,200	12.7	56,176	16.5	62,688	18.4	2,928	4,099	5,782	43,233	12.7	61,524	18.0	63,894	18.7	2,833	4,310	6,161
73	43,800	12.8	56,540	16.6	63,200	18.5	2,947	4,126	5,860	43,800	12.8	61,760	18.1	64,000	18.8	2,846	4,330	6,190

Note :
1. Cooling Capacity is based on : indoor temp.27°C DB / 19°C WB, outdoor temp.35°C DB
2. Heating Capacity is based on : indoor temp.20°C DB, outdoor temp.7°C DB / 6°C WB
3. The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4. Total capacity index of indoor unit should be within 23 ~ 73k Btu/h (40% ~ 130%)
5. At least two indoor units should be connected.