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2012

LG COMMERCIAL AIR CONDITIONERS

LG
Life's Good

Life's Good
When it's

GREEN

GREENOVATION

Reducing greenhouse gas emissions, enhancing green growth with suppliers, developing new green businesses.

Green Vision

LG Electronics' vision is to grow into a leading environmentally conscious company by working to protect the global environment and creating products with environmentally friendly features.

Green Goals

Our green management activities include greenhouse gas reduction across the entire production process, enhancing green and shared growth with suppliers, and developing green businesses to secure new growth opportunities.

Green Strategy

LG Electronics has established a low-carbon green management system to provide low carbon value to customers through voluntary greenhouse gas (GHG) reduction. Throughout its activities, LGE is creating value for customers and stakeholders, and protecting the natural environment.

- Productivity enhancement
  Low-Carbon Factories
- Product competitiveness
  Low-Carbon Products
- Operational efficiencies
  Low-Carbon Value Chain
- Social contribution
  Low-Carbon Culture

Green Management

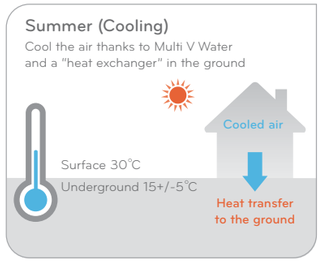
Major decisions in green management at LGE are made by the Eco-Design Committee; comprised of the heads of laboratories under the CTO, and supported by the Green Product Expert Committee, consisting of members working on R&D and management of green products, and the Green Marketing Council, in which division marketing managers set-up green marketing strategies.

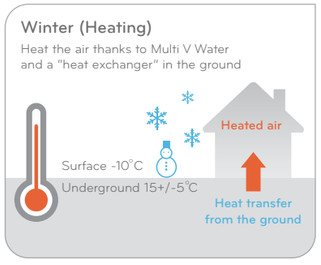
Green Businesses

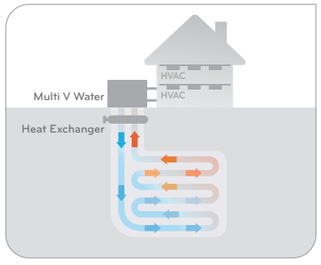
Secure future green growth drivers in energy, water treatment and environmental businesses

- Solar Business
- Water Treatment Business
- Lighting Solution Business
- Smart Grids Business
- **HVAC Business**

We're in the business of creating comfort for any season of the year through Heating, Ventilation and Air-Conditioning solutions. LGE provides a total HVAC system with optimized heating, ventilation and air-conditioning solutions carefully adapted to the unique conditions of each site during the building's construction or renovation. The company is also engaging in the development of green buildings through its line of products using renewable energy. For example, our Multi V Water uses geothermal energy, which is known as a constant source of heating and cooling that maintains a temperature of 15±5C regardless of the surface temperature.



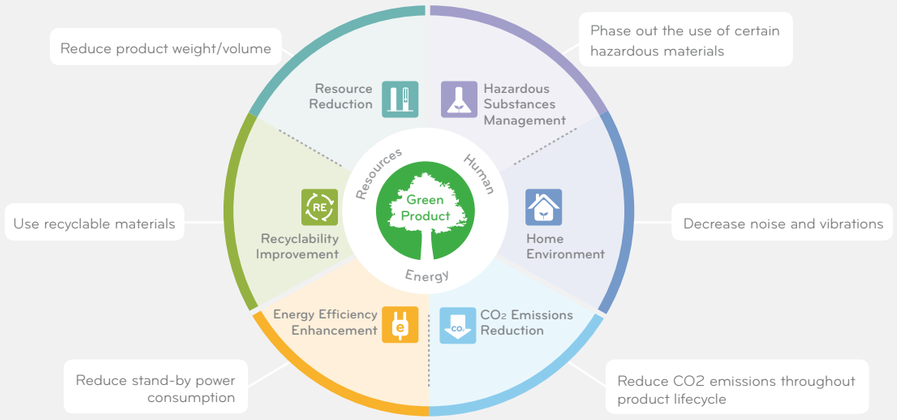




GREENER PRODUCTS

LGE's Green Product Strategy aims at minimizing the environmental load in every stage of the product lifecycle and improving energy, resources and humanity – through production of highly energy-efficient products, reduction of raw material usage, and improvement of living environments for everyone.

Green Product Strategy



Energy
Energy-Focusing on two key areas: improving energy efficiency and reducing greenhouse gas emissions from the manufacturing process.

Resources
Resources-committed to strategies of lowering resource usage in products and improving product recyclability.

Humanity
Humanity-Providing green value to customers

Green Product Evaluation System

The Eco Index
The Eco-Index is LGE's own rating system for managing environmental performance and goal setting, which quantifies the eco design level of products in terms of their eco-consciousness (Green 1-Star, 2-Star and 3-Star). The Green Index measures three areas of product footprints such as Climate impact, Chemicals used and Materials used. We will continue increasing the number of products to reach the higher Eco-Index.

Evaluating the Carbon Footprint of the Product Process
Since 2002, LGE has been conducting Life Cycle Assessment (LCA) to evaluate the entire process' carbon emission and to fully utilize LCA to develop low carbon products. In 2011, LGE plans to establish an infrastructure that will enable LGE to perform LCA on entire product lines and to continuously and efficiently evaluate greenhouse gas emission from the entire product process.

Green R&D Investment

LGE established an environmental accounting guideline in 2009 for green R&D investment. LGE invested KRW 808 billion for green R&D in 2010. The majority of the investment was used for improving product energy efficiency and improving resource efficiency.

Green Technologies

LGE has been conducting R&D to reduce the environmental impact of products, developing a range of highly efficient products, replacing hazardous substances in products, improving product design to facilitate recycling, and establishing an infrastructure to enable the development of green products and technologies.

GREEN HEATING AND AIR CONDITIONING

LGE's heating and air conditioning products are continually being developed with energy savings, reduction of hazardous substances, and impact on the environment in mind. In particular, we have made great strides in the use of renewable energies through our cutting edge systems.

Awards & Certifications

- 2010 Green Technology Certification (Inverter and solar technology) - Korea
- 2010 Energy Winner Award Grand Prix - Korea
- 2010 Green Growth Brand - Korea
- Carbon Footprint Label - Korea

Prize-Winning Technologies

Energy-saving, High-efficiency Inverter Compressor and Motion Sensor
This super energy-saving inverter compressor technology saves up to 72% of electricity by automatically controlling the unit according to the indoor temperature and a motion sensor.

High-efficiency Central Air Conditioning System
Using eco design for every part of the product has improved the energy efficiency of this air conditioning system. It features the world's first heat exchanger, providing continuous heating, as well as Korea's first high-efficiency, high-pressure inverter compressor.

High-performance, High-efficiency Inverter Heat Pump Air Conditioner
These compact outdoor units feature enhanced heating and cooling technology, low-noise indoor unit technology and a highly efficient inverter heat pump, with up to 115% improvement on cost effectiveness in comparison to constant-speed air conditioners.

Geothermal Air Conditioner and Heater
Using reusable geothermal energy to reduce greenhouse gas emissions, this high-efficiency Standard Inverter technology allows uninterrupted flow of the magnetic field within the motor of the compressor in the outdoor unit.

Hybrid solar air conditioner
This product incorporates the energy efficiency enhancement of a power saving inverter and allows for a 100% solar powered air purifier function as well as a 15% solar powered cooling function, a "Human Care Robot," and Green-tea HEPA and Platinoid enzyme filters.

OUR AIR-CONDITIONERS MAKE THE MOST OF THE ENERGY THEY ARE USING

Less is More

LG Electronics has improved its products' design so that they consume less energy while satisfying all your cooling and heating needs.

The rule of 20

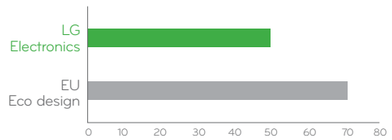
European regulations on energy-related products (ErP) require manufacturers to produce energy efficient products that consume less scarce raw materials and energy from production to final use. The 20/20/20 by 2020 policy aims to ensure 20% less primary energy consumption and 20% less greenhouse gas emissions, while the share of renewable energies increases by 20% by 2020. LG Electronics air conditioners integrate these expectations and contribute their fair share in global climate protection.

Going beyond - ErP

LG Electronics deploys products with environmentally-friendly features both in heating and cooling modes that go beyond the minimum requirements set by European legislation. With a rating of close to 4, LG Electronics products make the most of the energy they are using. No energy is wasted, while we help you decrease your energy bills - all year long.

The Sound of Silence

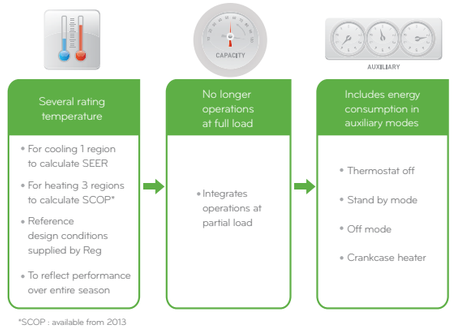
Comparison of noise levels



LG Electronics supplies equipment that is being noticed for its design and performance and not for its noise. The sound power of our units in dB are displayed in the energy label for both indoor and outdoor units, in conformity with limit values that are set by European Regulations.
LG Electronics is actually doing its best for reducing noise levels of its equipment. We bring to our customers products that emit 30 % less noise than required by European law.

Seasonal Efficiency

How to calculate seasonal efficiency of splits?



*SCOP : available from 2013

With different cooling and heating needs throughout the year, LGE's products are designed for optimal performance according to each season and geographical area. The Seasonal Energy Efficiency Ratio and the Seasonal Coefficient of Performance illustrate best how each product will operate in heating and/ or cooling mode depending on where you live and on the basis of real-life use conditions: Seasonal efficiency integrates the auxiliary modes of operation of the product, where energy use is still necessary.
Calculations are simulated under different combinations of indoor and outdoor average temperatures over all seasons corresponding to one out the three Europe climate zones. LG products improve the indoor environment and save energy in a cost efficient way.

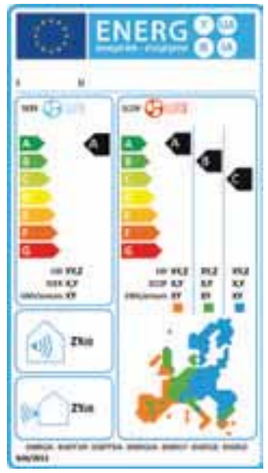
VRF Certification

LG Electronics is involved in a cross-industry evaluation whereby the performance of the outdoor units of VRF systems is voluntarily measured and rated. Committed to producing energy efficient products, LG Electronics has supported this initiative since its start. The standard, coordinated by Eurovent, will allow the energy efficiency of the product to be displayed in heating and cooling mode and allow side-by-side comparison with competing products. In the end, the user can make the most informed choice when purchasing an LG Electronics product, from both an environmental and a pricing point of view.

Energy Label

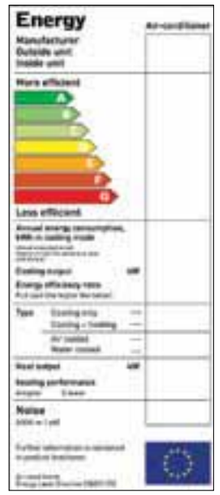
LG Electronics products display their energy credentials on the standardized energy label, a transparent and easy to compare tool. An arrow indicates which energy class your product belongs in on a scale from A to G. The higher the class, the less energy-hungry your product is at delivering heating or cooling. The label will also give you an estimate of the product's annual energy consumption in kW.

For split air conditioners below 12 kW that provide both heating and cooling, the energy label will indicate two energy classes-one for heating and one for cooling. Also displayed are capacity in kW, annual energy consumption and the seasonal performance ratio for heating and cooling.



For single ducts below 12 kW the same information is displayed, with some adjustments: Single ducts indicate the hourly energy consumption in kW whereas double ducts indicate the yearly annual consumption in kW. Finally, performances of single and double ducts in heating and/or cooling mode are still subject to nominal calculations, not seasonal.

Current energy label will remain until 2012.



EER>3.20	A	COP>3.60
3.20≧EER>3.00	B	3.60≧COP>3.40
3.00≧EER>2.80	C	3.40≧COP>3.20
2.80≧EER>2.60	D	3.20≧COP>2.80
2.60≧EER>2.40	E	2.80≧COP>2.60
2.40≧EER>2.20	F	2.60≧COP>2.40
2.20≧EER	G	2.40≧COP

International Forum Design

reddot GOOD DESIGN

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LG Commercial Air Conditioners
2012 Single split Model Line-up

Universal Indoor Type

Type / kW	Ceiling Cassette Type		Ceiling Concealed Duct Type		Ceiling and Floor ype		Console Type* *Only Connectable to Standard Inverter
	H-Inverter	Standard Inverter	H-Inverter	Standard Inverter	H-Inverter	Standard Inverter	Standard Inverter
2.5		CT09 NR2				CV09 NE2	CQ09 NA0
3.5	UT12H NP1	CT12 NR2			UV12H NJ1	CV12 NE2	CQ12 NA0
5.0	UT18H NP1	CT18 NQ2	UB18H NG1	CB18 NH2	UV18H NJ1	CV18 NJ2	CQ18 NA0
6.0	UT21H NN1		UB21H NG1		UV21H NK1		
7.1	UT24H NN1	CT24 NP2	UB24H NG1	CB24 NH2	UV24H NK1	CV24 NJ2	
8.0		UT30 NP2		UB30 NG2		UV30 NJ2	
10.0	UT36H NM1	UT36 NN2	UB36H NR1	UB36 NG2	UV36H NL1	UV36 NK2	
12.5	UT42H NM1	UT42 NM2	UB42H NR1	UB42 NR2	UV42H NL1	UV42 NL2	
14.0	UT48H NM1	UT48 NM2	UB48H NR1	UB48 NR2	UV48H NL1	UV48 NL2	
15.0		UT60 NM2		UB60 NR2		UV60 NL2	

Universal Outdoor Type

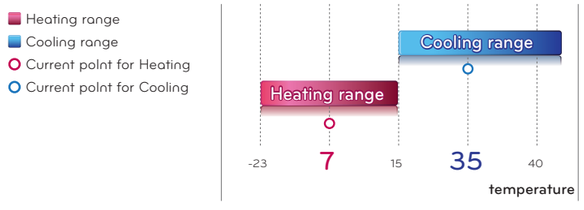
Type / kW	H-Inverter	3Phase H-Inverter	Standard Inverter	3Phase Standard Inverter
2.5			UU09W ULD	
3.5	UU12WH UE1		UU12W ULD	
5.0	UU18WH UE1		UU18W UE2	
6.0	UU21WH U41			
7.1	UU24WH U41		UU24W U42	
8.0			UU30W U42	
10.0	UU36WH U31	UU37WH U31	UU36W UO2	UU37W UO2
12.5	UU42WH U31	UU43WH U31	UU42W U32	UU43W U32
14.0	UU48WH U31	UU49WH U31	UU48W U32	UU49W U32
15.0			UU60W U32	UU61W U32

INVERTER

INVERTER technology controls the speed of the motor and the compressor simultaneously. By eliminating stop-start cycles, efficiency is significantly increased, extending the life of individual components. Ultimately, with the help of such advanced technology, Inverter air conditioners are less prone to breakdown, cheaper to run and the outdoor compressor is generally quieter than conventional air conditioners. LG revolutionary Inverter technology boasts powerful silent performance while minimizing energy consumption by as much as up to 60%.

Design based on SEER

SEER stands for Seasonal Energy Efficiency Ratio. This is a new measurement of air conditioning energy efficiency. It is conducted in various environmental conditions. The whole tested range of temperatures for heating and cooling reflect real life environments. On the hand, current measurement EER is tested specific temperature. Thus different result comes out depending on models. And we could say normally SEER of H inverter is better than standard's.



Powerful BLDC Compressor

The LG inverter air conditioner comes with a BLDC compressor that uses a strong neodymium magnet. Its compressor thus has improved efficiency compared with the AC inverter and it is optimized for SEER

1. Minimized Oil circulation
2. High Efficiency Motor
3. Optimize Compression Eff.
4. Optimize Vibration, Noise
5. High Reliability

*Distributed winding : H Inveter
*Concentrated winding : Standard Inverter (Except 2.5, 3.5kW)

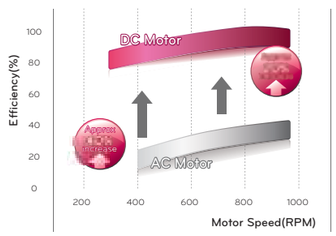
Distributed winding

Concentrated winding

BLDC Fan Technology

The LG BLDC fan offers additional energy saving in operating mode up to 35% at full speed compared with AC motor.

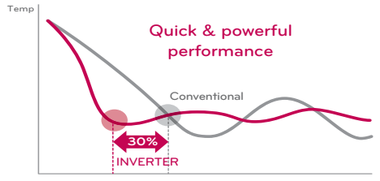
BLDC Fan Motor



Powerful, Quick & PI control

With PI control logic, the set temperature is achieved quicker and also the air conditioning efficiency is improved by 30%. It provides not only quick but also powerful air conditioning operation.

*PI: Proportional-Integral

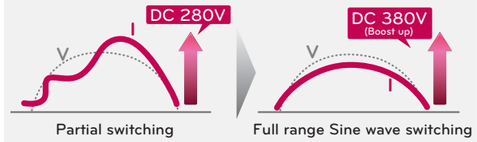


Inverter Technology

With the advancement of Inverter technology, it comes to be more silent, economical and powerful air conditioning systems. The LG air conditioner is manufactured based on the PFC and the sine wave technology. It makes possible to down noise level, be better efficiency, minimize compressor vibration and wider operation range.

Step-up Inverter by the PFC & the Sine Wave Control Technology
(PFC : Power Factor Correction)compared to conventional.

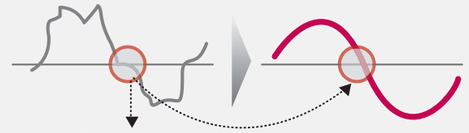
PFC(Power Factor Correction) Control in Power Input



*V : Input voltage *I : Input electric current

The operating voltage is increased from DC 280V to DC 380 V. This means that at high load conditions, there will be less energy consumption while at low load conditions the energy consumption.

Sine wave Control in BLDC Compressor



With sinusoidal wave function of the voltage, the sine wave makes the function more soft and efficient.

Reduced Sound Level

Grilled shape changed

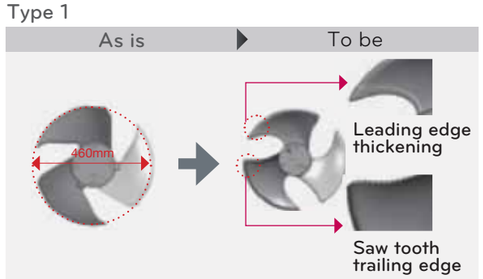
The new grilled shape design of the outdoor unit helps to outlet airflow improvement so it increases heat exchange efficiency and reduces noise levels.

Axial Fan

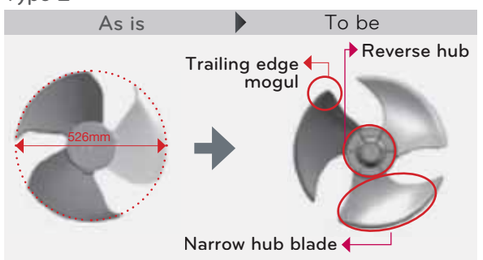
The new axial fan shape has a thickening front edge and smooth rear edge, it provides high efficiency with low noise and a wide fan wing width. High Air flow rate and increasing fan operation efficiency are also improved.

Grilled shape changed

Type 1



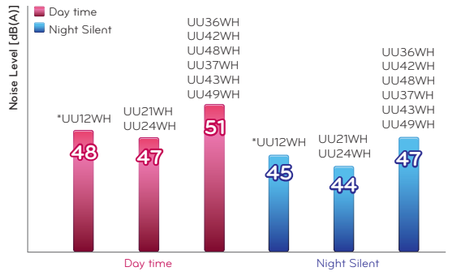
Type 2



*Except SCAC 2.5kW, 3.5kW ODU

Night Silent Operation

Night Silent Operation can reduce noise level at night time by setting deep switch on PCB in outdoor unit



Noise Level [dB(A)]

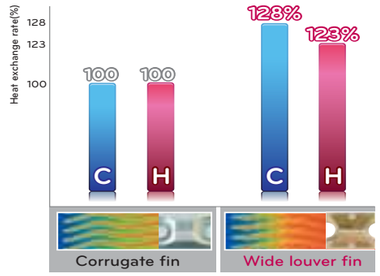
	Day time (Cooling)	Night Silent Mode
UU12WH	48	45
UU18WH	47	39
UU21WH	47	44
UU24WH	47	44
UU36WH	51	47
UU42WH	51	47
UU48WH	51	47
UU37WH	51	47
UU43WH	51	47
UU49WH	51	47

* Standard Inverter model has also night silent operation function except 2.5, 3.5kW

Wide Louver Technology

To maximize touched area of fin and air, to reduce heat exchange loss.

- Improved heat exchange rate by max 28%
- Anti-corrosion treatment (Gold fin)

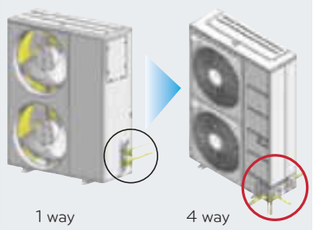


Easy Service

Easy and efficient installation of outdoor unit will provide the best solution for small offices and shops.

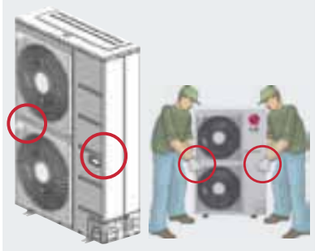
1. Inner SVC valve

- 4 Way piping is possible (Front, Rear, Right, Down)
- Excellent exterior



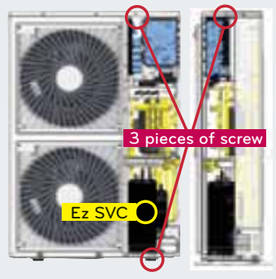
2. Convenient moving handle

- Fitted hand grips for easy transportation and installation



3. Compact Design & Ez SVC

- Remove 3 pieces of screw for SVC
- Front panel removal system



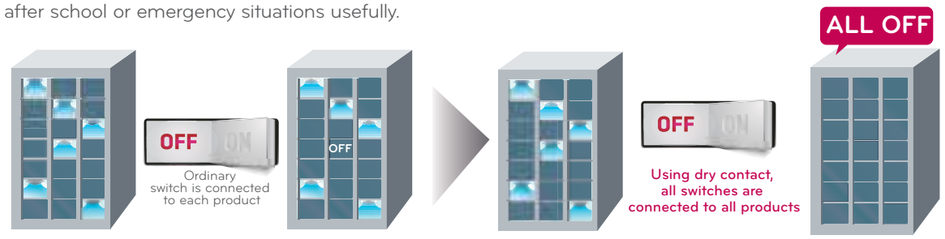
Weekly Program

You can set the daily desired temperature and automatic on/off functiun for a week.
Weekly reservation keeps operating until it is cancelled by the user.

* Indoor unit is turned on at the desired temperature, the TEMP up/down buttons can be used to set the desired present or preset temperature. (Temperature selection range is 18°C~30°C)
* When desired temperature is not setted, it is turned on automatically with the desired temperature of the previous operation

Outdoor Dry Contact

We are able to connect "Dry Contact" and outdoor unit for turning on and off a product when leaving office, after school or emergency situations usefully.



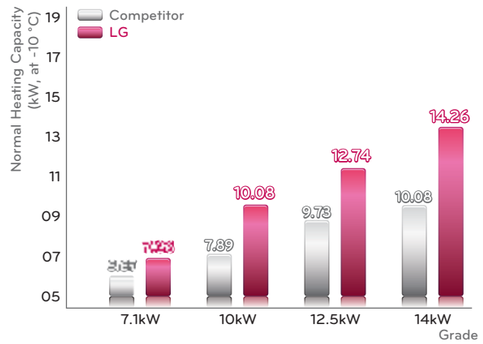
Available for
*H Inverter : 10kW ~14kW, 3phase only.
*Standard Inverter : 10kW~15kW, both 1phase and 3phase.

Heating Capacity in Low Temperature

Keeping the same heating capacity in low temperatures (-10°C) with the LG BLDC compressor and sub cooling effect of the larger condenser. it represents 32% higher capacity compared with the competitor.

7.1kW : UU24WH + UT24H
10kW : UU36WH + UT36H
10kW : UU42WH + UT42H
14kW : UU48WH + UT48H

*Based on H-inverter CST



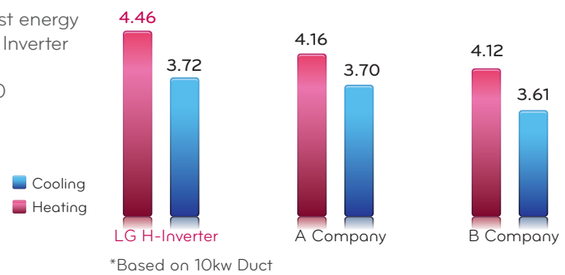
High Efficiency Inverter

H Inverter

Standard Inverter

Highest COP and EER

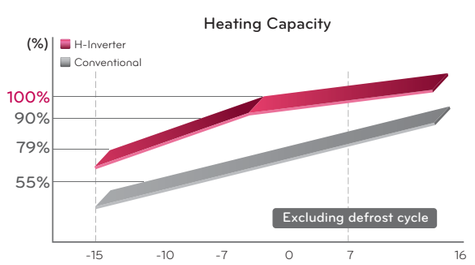
LG H-Inverter has achieved one of the highest energy efficiency levels with BLDC Compressor, and Inverter technology.
The heating COP of all models are above 4.0 except 13.4kw CST combination



*Based on 10kw Duct

Constant Heating Performance

H-Inverter can keep a very high heating capacity in low temperature(-7°C) with the bigger LG BLDC compressor and larger condenser than previous model.

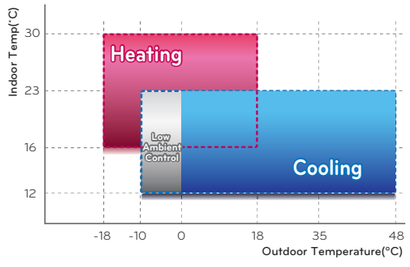


Wide Operating Range

In the event of low outdoor temperatures when cooling or heating rooms, the BLDC Inverter compressor and outdoor BLDC fan motor adjust air flow and volume, which ensures efficient operation by allowing the air conditioner to operate at -18°C continually.

Cooling mode
Indoor Temp : WB / Outdoor Temp : DB

Heating mode
Indoor Temp : DB / Outdoor Temp : WB

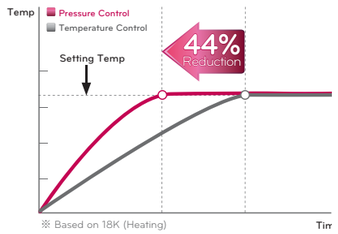


Optimized Pressure Control

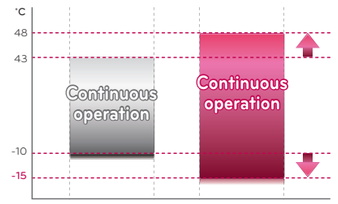
By sensing refrigerant pressure, it takes less time to reach setting temperature compared to the conventional temperature control. And it makes possible to extend operating range until -15°C in cooling mode.

*Exclude : 2.5~3.5kW ODU

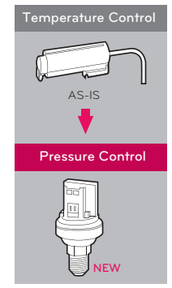
Shorten time to reach setting Temp.



Wide Operating Range



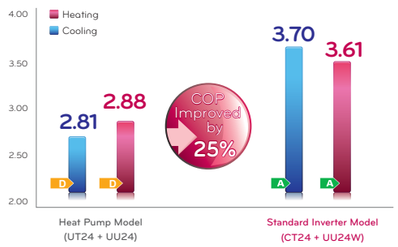
- Yearly Cooling Operation
- OA Room, Cook room, Machine Room..



Improved COP / EER

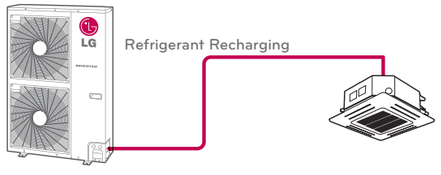
Energy efficiency of Inverter model is significantly improved compared to Heat pump models.

*Energy Label is upgraded form D to A level

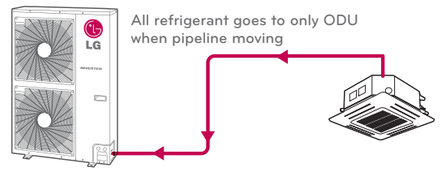


Forced Cooling Operation

Installer were not able to recharge refrigerant during winter seasons because cooling operation was not possible due to the low indoor temperature. But forced cooling operation mode make cooling operation by force to make possible recharging refrigerant. Moreover this function can be adapted when moving and fixing the IDU safely.



1) Charging Refrigerant



2) Pump Down

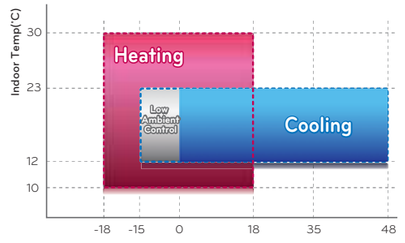
*Exclude : 2.5~3.5kW ODU

Wide Operating Range

In the event of low outdoor temperatures when cooling or heating rooms, the BLDC Inverter compressor and outdoor BLDC fan motor adjust air flow and volume, which ensures efficient operation by allowing the air conditioner to operate at -18°C continually.

Cooling mode
Indoor Temp : WB / Outdoor Temp : DB

Heating mode
Indoor Temp : DB / Outdoor Temp : WB



*Exclude UU09W.ULD, UU12W.ULD

SIMPLE
OUTLOOK,
WITH
SPECIAL FEATURES

CEILING CASSETTE

CEILING CASSETTE

Wide jet Air Flow

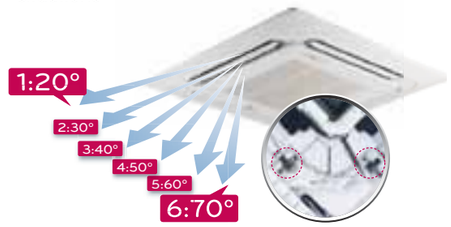
Improved wide vanes reduce dead bands and provide better air and temperature distribution.

Conventional

LG Cassette

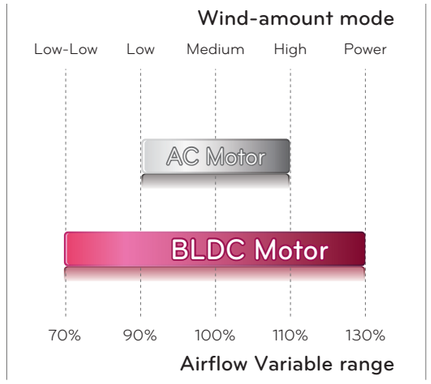
Automatic Louver angle Control

One motor per a vane is adopted to control each of four vanes independently. Air flow could be controlled freely according to situations



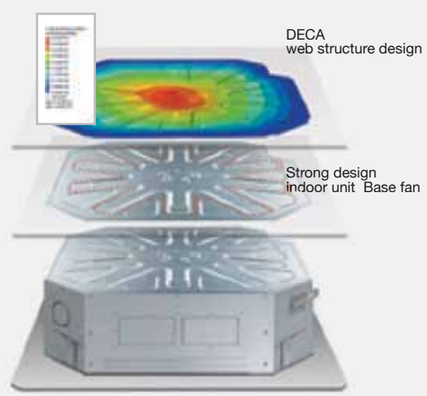
Reduced Sound Level

- With BLDC motor, low indoor noise with high efficiency turbo fan
- Removal of abnormal noise through high efficiency turbo fan
- Resonance noise removal by anti vibration design
- Base fan redesigned



* Noise level depends on capacity

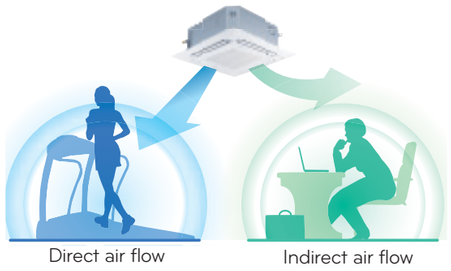
Variable range of wind of the interior fan motor



CEILING CASSETTE

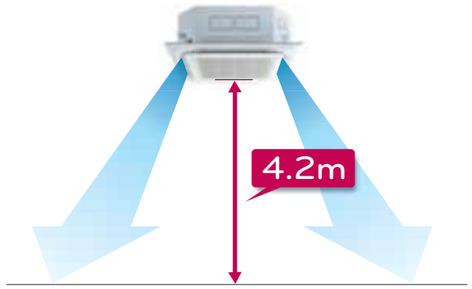
Independent Vane Operation

Vane angle control satisfies both users who like direct wind or indirect wind and also reduces cold air draft.



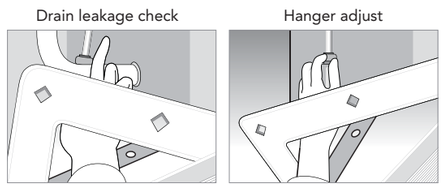
High Ceiling Mode

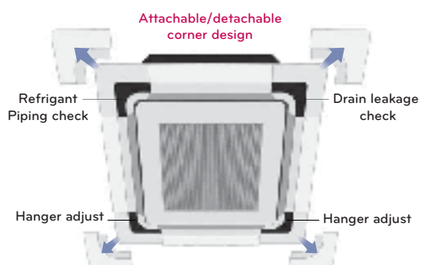
High ceiling mode with phase-control algorithm is possible to apply as high as 4.2m from the floor. This setting offers a reduction of drought.



Detachable Corner Panel

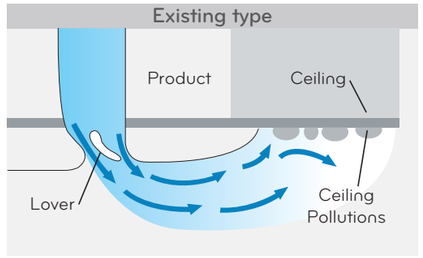
The attachable and detachable corner design makes it easy to adjust the hanger during installation and to check leakage in the drain connection pipe.

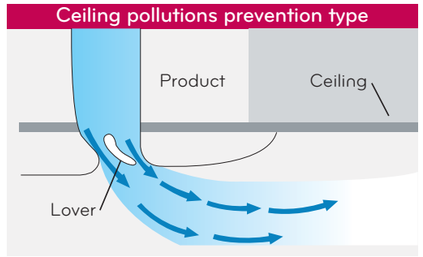




Design to Reduce the Ceiling Stains

The new outlet design can reduce ceiling contamination from air current flowing along the ceiling.





One Touch Panel

The simple push-up panel design easily connects to the panel with the body enabling the installer to use his two hands freely.

Auto Elevation Grille (Accessory : PTEGM0)

Easy filter cleaning with elevation grille

- Installed inside main body
- Auto horizontal level
- 4 points support
- Memory for user's level
- Max 4.5m length

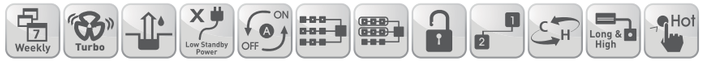
UT12H / UT18H / UT21H /UT24H

PQRCVSL0QW (White)

UU12WH

UU18WH

UU21WH
UU24WH



Specifications

Indoor Unit Model Name				UT12H NP1	UT18H NP1	UT21H NN1	UT24H NN1
Capacity	Cooling	Min	kW	1.4	2.0	2.8	2.8
		Nom	kW	3.5	5.0	6.0	7.0
		Max	kW	4.2	5.5	8.0	8.4
	Heating	Min	kW	1.6	2.2	3.2	3.2
		Nom	kW	4.2	5.5	7.0	8.0
		Max	kW	5.0	6.05	9.0	9.4
Power Input	Cooling/Heating	Nom	kW	1.0/1.0	1.4/1.4	1.5/1.7	1.9/1.9
Power Input (only IDU)		Nom	kW	0.05	0.05	0.07	0.07
Running Current (Set)	Cooling/Heating	Nom	A	4.4/4.6	6.0/6.7	7.6/7.7	9.5/9
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.54	3.7	3.92	3.65
COP			W/W	4.04	4.07	4.22	4.15
SEER							
Energy Label	Cooling/Heating			A/A	A/A	A/A	A/A
Annual Energy Consumption	Cooling		kWh	495	675	765	960
Air Flow Rate		Low	m^3/min	10.0	13.0	16.0	16.0
		Medium	m^3/min	12.0	15.0	18.0	18.0
		High	m^3/min	13.0	17.0	21.0	21.0
Sound Pressure		Low	dBA	31	34	36	36
		Medium	dBA	33	37	38	38
		High	dBA	35	39	40	40
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	1.3	2.1	2.7	2.7
Dimmension	Body	W*H*D	mm	840x204x840	840x204x840	840x246x840	840x246x840
Net weight	Body		kg	21.0	21.0	23.5	23.5
Piping connection	Liquid		mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas		mm(inch)	Ø9.52(3/8)	Ø12.7(1/2)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Decoration Panel	Model			PT-UMC	PT-UMC	PT-UMC	PT-UMC
	Color			morning Fog	morning Fog	morning Fog	morning Fog
	Dimensions	HxDxW	mm	950*25*950	950*25*950	950*25*950	950*25*950
	Weight		kg	5.0	5.0	5.0	5.0

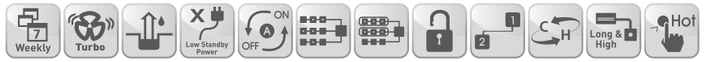
Outdoor Unit Model Name				UU12WH UE1	UU18WH UE1	UU21WH U41	UU24WH U41
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	50	58	58	58
Sound Pressure	Cooling		dBA	48	47	47	47
	Heating		dBA	48	50	50	50
Sound Power	Cooling		dBA				
Dimmensions	WxHxD		mm	870x655x320	870x808x320	950x834x330	950x834x330
Net weight			kg	46	58	63	63
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	1,250	2,000	2,200	2,200
Additional Refrigerant charge			g/m	20	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 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			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	15	20	25	25
Piping Length total		Min	m	5	5	5	5
		Max	m	30	50	50	50
Piping elevation difference	IDU-ODU	Max	m	20	30	30	30
Piping connection	Liquid		mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas		mm(inch)	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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UT36H / UT42H / UT48H

PQRCVSL0QW (White)

UU36WH
UU42WH
UU48WH



Specifications

Indoor Unit Model Name				UT36H NM1	UT42H NM1	UT48H NM1
Capacity	Cooling	Min	kW	4.5	5.0	5.5
		Nom	kW	10.0	12.5	13.4
		Max	kW	13.0	14.9	16.0
	Heating	Min	kW	4.9	5.5	6.4
		Nom	kW	11.2	14.0	15.5
		Max	kW	14.0	16.8	17.9
Power Input	Cooling/Heating	Nom	kW	2.6 /2.5	3.7/3.4	4.2/4.1
Power Input (only IDU)		Nom	kW	0.1	0.1	0.1
Running Current (Set)	Cooling/Heating	Nom	A	11.5/11.3	16.8/15.0	18.7/18.0
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.85	3.42	3.23
COP			W/W	4.46	4.11	3.81
SEER						
Energy Label	Cooling/Heating			A/A	A/A	A/A
Annual Energy Consumption	Cooling		kWh	1,300	1,830	2,075
Air Flow Rate		Low	m^3/min	20.2	21.5	22.8
		Medium	m^3/min	26.1	26.7	27.4
		High	m^3/min	32.0	32.0	32.0
Sound Pressure		Low	dBA	42	42	42
		Medium	dBA	45	45	45
		High	dBA	47	47	47
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	2.7	3.6	3.6
Dimmension	Body	W*H*D	mm	840x288x840	840x288x840	840x288x840
Net weight	Body		kg	28.0	28.0	28.0
Piping connection	Liquid		mm(inch)	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)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25
Decoration Panel	Model			PT-UMC	PT-UMC	PT-UMC
	Color			morning Fog	morning Fog	morning Fog
	Dimensions	HxDxW	mm	950*25*950	950*25*950	950*25*950
	Weight		kg	5.0	5.0	5.0

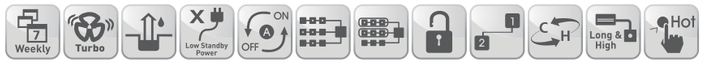
Outdoor Unit Model Name				UU36WH U31	UU42WH U31	UU48WH U31
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	110	110	110
Sound Pressure	Cooling		dBA	51	51	51
	Heating		dBA	53	53	53
Sound Power	Cooling		dBA			
Dimmensions	WxHxD		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net weight			kg	103	103	103
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,600	3,600	3,600
Additional Refrigerant charge			g/m	40	40	40
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			Nxmm²	3 x 5.0	3 x 5.0	3 x 5.0
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	40	40	40
Piping Length total		Min	m	5	5	5
		Max	m	75	75	75
Piping elevation difference	IDU-ODU	Max	m	30	30	30
Piping connection	Liquid		mm(inch)	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)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UT36H / UT42H / UT48H

PQRCVSL0QW (White)

UU37WH
UU43WH
UU49WH



Specifications

Indoor Unit Model Name				UT36H NM1	UT42H NM1	UT48H NM1
Capacity	Cooling	Min	kW	4.5	5.0	5.5
		Nom	kW	10.0	12.5	13.4
		Max	kW	13.0	14.9	16.0
	Heating	Min	kW	4.9	5.5	6.4
		Nom	kW	11.2	14.0	15.5
		Max	kW	14.0	16.8	17.9
Power Input	Cooling/Heating	Nom	kW	2.6/2.5	3.7/3.4	4.2/4.1
Power Input (only IDU)		Nom	kW	0.1	0.1	0.1
Running Current (Set)	Cooling/Heating	Nom	A	4.2/4.1	6.0/5.7	6.7/6.5
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.85	3.42	3.23
COP			W/W	4.46	4.11	3.81
SEER						
Energy Label	Cooling/Heating			A/A	A/A	A/A
Annual Energy Consumption	Cooling		kWh	1,300	1,830	2,075
Air Flow Rate		Low	m^3/min	20.2	21.5	22.8
		Medium	m^3/min	26.1	26.7	27.4
		High	m^3/min	32	32	32
Sound Pressure		Low	dBA	42	42	42
		Medium	dBA	45	45	45
		High	dBA	47	47	47
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	2.7	3.6	3.6
Dimmension	Body	W*H*D	mm	840x288x840	840x288x840	840x288x840
Net weight	Body		kg	28.0	28.0	28.0
Piping connection	Liquid		mm(inch)	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)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25
Decoration Panel	Model			PT-UMC	PT-UMC	PT-UMC
	Color			morning Fog	morning Fog	morning Fog
	Dimensions	HxDxW	mm	950*25*950	950*25*950	950*25*950
	Weight		kg	5.0	5.0	5.0

Outdoor Unit Model Name				UU37WH U31	UU43WH U31	UU49WH U31
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	110	110	110
Sound Pressure	Cooling		dBA	51	51	51
	Heating		dBA	53	53	53
Sound Power	Cooling		dBA			
Dimmensions	WxHxD		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net weight			kg	103	103	103
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3600	3600	3600
Additional Refrigerant charge			g/m	40	40	40
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			Nxmm²	5 x 2.5	5 x 2.5	5 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	20	25	25
Piping Length total		Min	m	5	5	5
		Max	m	75	75	75
Piping elevation difference	IDU-ODU	Max	m	30	30	30
Piping connection	Liquid		mm(inch)	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)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

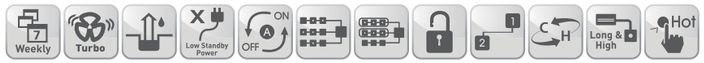
CT09 / CT12 / CT18

Standard Inverter

PQRCVSL0QW (White)

UU09W
UU12W

UU18W



Specifications

*CT09, CT12, CT18 can be compatible between SCAC and Multi.
*To be updated when launched

Indoor Unit Model Name				CT09 NR2	CT12 NR2	CT18 NQ2
Capacity	Cooling	Min	kW	1.0	1.4	2.0
		Nom	kW	2.5	3.4	4.7
		Max	kW	2.8	3.7	5.5
	Heating	Min	kW	1.2	1.6	2.2
		Nom	kW	3.0	4.0	5.5
		Max	kW	3.3	4.4	6.1
Power Input	Cooling/Heating	Nom	kW	0.8/0.8	1.1/1.1	1.6/1.5
Power Input (only IDU)		Nom	kW	0.03	0.03	0.03
Running Current (Set)	Cooling/Heating	Nom	A	3.3/3.5	4.6/4.8	6.8/6.6
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.33	3.21	3.27
COP			W/W	3.70	3.64	3.61
SEER						
Energy Label	Cooling/Heating			A/A	A/A	A/A
Annual Energy Consumption	Cooling		kWh	375	530	780
Air Flow Rate		Low	m^3/min	6.0	7.0	11.0
		Medium	m^3/min	7.0	8.0	12.0
		High	m^3/min	8.5	9.5	13.0
Sound Pressure		Low	dBA	30	32	36
		Medium	dBA	33	35	39
		High	dBA	36	38	41
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	1.4	1.7	2.4
Dimmension	Body	W*H*D	mm	570*214*570	570*214*570	570*256*570
Net weight	Body		kg	14.0	14.0	15.0
Piping connection	Liquid		mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas		mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø12.7(1/2)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25
Decoration Panel	Model			PT-UQC	PT-UQC	PT-UQC
	Color			morning Fog	morning Fog	morning Fog
	Dimensions	HxDxW	mm	700*30*700	700*30*700	700*30*700
	Weight		kg	3.0	3.0	3.0

Outdoor Unit Model Name				UU09W ULD	UU12W ULD	UU18W UE2
Compressor	Type			Rotary	Rotary	Twin Rotary
Airflow Rate			m^3/min	50	50	50
Sound Pressure	Cooling		dBA	47	47	48
	Heating		dBA	48	48	48
Sound Power	Cooling		dBA			62
Dimmensions	WxHxD		mm	770x540x245	770x540x245	870x655x320
Net weight			kg	32	32	48
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,000	1,000	1,400
Additional Refrigerant charge			g/m	20	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 46	-10 ~ 46	-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			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	15	15	20
Piping Length total		Min	m	5	5	5
		Max	m	15	15	40
Piping elevation difference	IDU-ODU	Max	m	10	10	30
Piping connection	Liquid		mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas		mm(inch)	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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

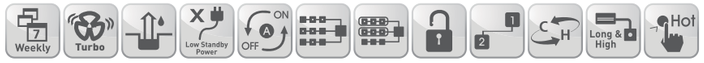
CT24 / UT30 / UT36 / UT42 / UT48 / UT60 Standard Inverter

PQRCVSL0QW (White)

UU24W
UU30W

UU36W

UU42W
UU48W
UU60W



Specifications

*CT24 can be compatible between SCAC and Multi.
*To be updated when launched

Indoor Unit Model Name				CT24 NP2	UT30 NP2	UT36 NN2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min	kW	2.8	3.2	4.0	5.0	5.5	5.9
		Nom	kW	7.1	8.0	10.0	12.5	13.9	14.6
		Max	kW	7.8	8.8	11.0	13.8	15.7	16.3
	Heating	Min	kW	3.2	3.6	4.4	5.0	6.4	6.8
		Nom	kW	8.0	9.0	11.0	14.0	15.5	16.9
		Max	kW	8.8	9.9	12.1	15.4	17.6	18.7
Power Input	Cooling/Heating	Nom	kW	1.9/2.2	2.5/2.7	2.9/3.1	3.9/3.9	4.6/4.5	5.4/5.5
Power Input (only IDU)		Nom	kW	0.05	0.07	0.07	0.12	0.12	0.12
Running Current (Set)	Cooling/Heating	Nom	A	8.4 /9.6	10.8 /11.8	12.7/13.6	16.9/16.9	20.1/19.7	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	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.70	3.21	3.41	3.21	3.01	2.70
COP			W/W	3.61	3.31	3.51	3.61	3.41	3.07
SEER									
Energy Label	Cooling/Heating			A/A	A/C	A/B	A/A	B/B	D/D
Annual Energy Consumption	Cooling		kWh	960	1,245	1,465	1,945	2,310	2,700
Air Flow Rate		Low	m^3/min	13.0	15.0	19.0	26.0	30.0	30.0
		Medium	m^3/min	15.0	17.0	22.0	28.0	32.0	32.0
		High	m^3/min	17.0	19.0	24.0	30.0	34.0	34.0
Sound Pressure		Low	dBA	34	37	37	40	43	43
		Medium	dBA	37	40	40	44	47	47
		High	dBA	39	43	43	46	49	49
Sound Power	Cooling		dBA						
Dehumidification Rate			l/h	2.1	2.5	2.7	3.6	4.4	5.5
Dimmension	Body	W*H*D	mm	840*204*840	840*204*840	840*246*840	840*288*840	840*288*840	840*288*840
Net weight	Body		kg	21.0	21.0	23.5	26.0	26.0	26.0
Piping connection	Liquid		mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)	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)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25	32/25	32/25
Decoration Panel	Model			PT-UMC	PT-UMC	PT-UMC	PT-UMC	PT-UMC	PT-UMC
	Color			morning Fog	morning Fog	morning Fog	morning Fog	morning Fog	morning Fog
	Dimensions	HxDxW	mm	950*25*950	950*25*950	950*25*950	950*25*950	950*25*950	950*25*950
	Weight		kg	5.0	5.0	5.0	5.0	5.0	5.0

*To be updated when launched

Outdoor Unit Model Name				UU24W U42	UU30W U42	UU36W U02	UU42W U32	UU48W U32	UU60W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	58	58	90	110	110	110
Sound Pressure	Cooling		dBA	47	47	54	51	51	51
	Heating		dBA	50	50	55	53	53	53
Sound Power	Cooling		dBA	65	66	68	70	70	70
Dimmensions	WxHxD		mm	950x834x330	950x834x330	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net weight			kg	61	61	75	103	103	103
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A	R410A
	Charge		g	2,000	2,000	2,800	3,600	3,600	3,600
Additional Refrigerant charge			g/m	40	40	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-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	1 / 220~240 / 50
Power Supply Cable			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 3.5	3 x 3.5	3 x 3.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	30	30	30	40	40	40
Piping Length total		Min	m	5	5	5	5	5	5
		Max	m	50	50	50	75	75	75
Piping elevation difference	IDU-ODU	Max	m	30	30	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)	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)	Ø15.88(5/8)	Ø15.88(5/8)

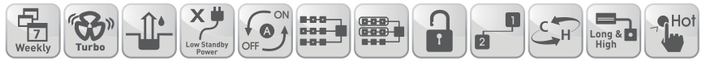
Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UT36 / UT42 / UT48 / UT60 3Phase Standard Inverter

PQRCVSL0QW (White)

UU37W

UU43W
UU49W
UU61W



Specifications

*To be updated when launched

Indoor Unit Model Name				UT36 NN2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min	kW	4.0	5.0	5.5	5.9
		Nom	kW	10.0	12.5	13.9	14.6
		Max	kW	11.0	13.8	15.7	16.3
	Heating	Min	kW	4.4	5.0	6.4	6.8
		Nom	kW	11.0	14.0	15.4	16.9
		Max	kW	12.1	15.4	17.6	18.7
Power Input	Cooling/Heating	Nom	kW	2.9/3.1	3.9/3.9	4.6/4.5	5.4/5.5
Power Input (only IDU)		Nom	kW	0.07	0.12	0.12	0.12
Running Current (Set)	Cooling/Heating	Nom	A	12.7/13.6	16.9/16.9	20.1/19.7	23.5/23.9
Power Supply			Ø/V/Hz				
EER			W/W	3.41	3.21	3.01	2.70
COP			W/W	3.51	3.61	3.41	3.07
SEER							
Energy Label	Cooling/Heating			A/B	A/A	B/B	D/D
Annual Energy Consumption	Cooling		kWh	1,465	1,945	2,310	2,700
Air Flow Rate		Low	m^3/min	19.0	26.0	30.0	30.0
		Medium	m^3/min	22.0	28.0	32.0	32.0
		High	m^3/min	24.0	30.0	34.0	34.0
Sound Pressure		Low	dBA	37	40	43	43
		Medium	dBA	40	44	47	47
		High	dBA	43	46	49	49
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	2.7	3.6	4.4	5.5
Dimmension	Body	W*H*D	mm	840*246*840	840*288*840	840*288*840	840*288*840
Net weight	Body		kg	23.5	26.0	26.0	26.0
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)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Decoration Panel	Model			PT-UMC	PT-UMC	PT-UMC	PT-UMC
	Color			morning Fog	morning Fog	morning Fog	morning Fog
	Dimensions	HxDxW	mm	950*25*950	950*25*950	950*25*950	950*25*950
	Weight		kg	5.0	5.0	5.0	5.0

*To be updated when launched

Outdoor Unit Model Name				UU37W U02	UU43W U32	UU49W U32	UU61W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	90	110	110	110
Sound Pressure	Cooling		dBA	54	51	51	51
	Heating		dBA	55	53	53	53
Sound Power	Cooling		dBA	68	70	70	70
Dimmensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net weight			kg	80	103	103	103
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,600	3,600	3,600
Additional Refrigerant charge			g/m	40	40	40	40
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			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	20	25	25	25
Piping Length total		Min	m	5	5	5	5
		Max	m	50	75	75	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)	Ø9.52(3/8)	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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

CLEAN INTERIOR
KEEPING
HEALTHY AIR FLOW

CEILING CONCEALED DUCT

CEILING CONCEALED DUCT

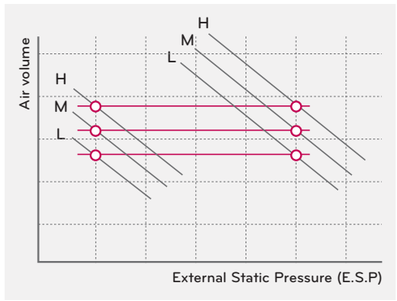
Natural Interior

Dignified and elegant interior to hide product inside ceiling.

Linear E.S.P. Control

Air volume and sound maintained as design regardless of duct resistance so, you can

- Optimize duct work Installation
- Keep capacity and sound level as desired
- Simplify model numbers



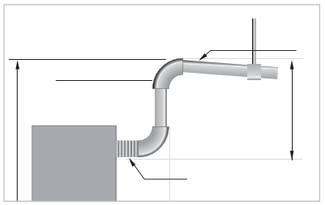
*E.S.P is easily controlled by remote controller
*More detailed information, please refer to the PDB.

High Head Drain Pump

Auxiliary drain pump automatically drains water. A standard drain-head height is possible, up to 700mm creating the ideal solution for perfect water drainage.

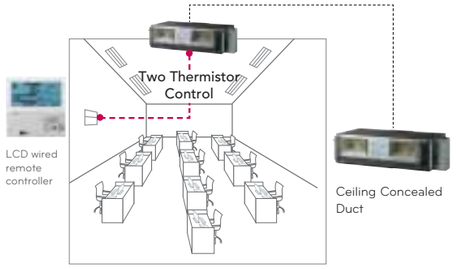
* H-Inverter : High head drain pump is included in indoor unit

(Accessory:ABDPG)



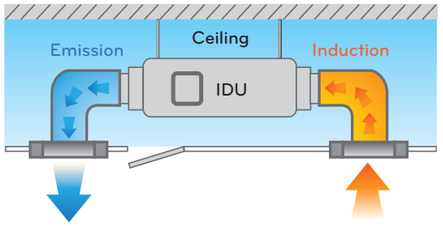
Two Thermistor Control

There may be a significant difference between the temperature taken at the installed product and indoor temperature. Two thermistor control provides an option to control temperature by referring any of the two temperatures. With helping of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit and the other one is inside the LCD wired remote.



Maximum 9 rooms operation

Due to installation of spiral duct (Embedding or flexible type) and stream chamber, it's possible to operate for several rooms simultaneously.



UB18H / UB21H / UB24H

PQRCVSL0QW (White)

UU18WH

UU21WH
UU24WH

Specifications

Indoor Unit Model Name				UB18H NG1	UB21H NG1	UB24H NG1
Capacity	Cooling	Min	kW	2.5	2.4	2.8
		Nom	kW	5.0	6.0	7.1
		Max	kW	6.0	6.6	7.8
	Heating	Min	kW	3.0	2.8	3.2
		Nom	kW	6.0	7.0	8.0
		Max	kW	7.2	7.7	8.8
Power Input	Cooling/Heating	Nom	kW	1.4/1.5	1.7/1.7	2.1/2.0
Power Input (only IDU)		Nom	kW	0.1	0.1	0.1
Running Current (Set)	Cooling/Heating	Nom	A	6.0/6.7	7.6/7.7	9.5/9.0
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.70	3.47	3.40
COP			W/W	4.03	4.02	4.02
SEER						
Energy Label	Cooling/Heating			A/A	A/A	A/A
Annual Energy Consumption	Cooling		kWh	675	865	1,045
Air Flow Rate		Low	m^3/min	13.0	14.0	14.0
		Medium	m^3/min	15.0	20.0	20.0
		High	m^3/min	17.0	25.0	25.0
Sound Pressure		Low	dBA	27	29	29
		Medium	dBA	28	33	33
		High	dBA	30	37	37
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	1.2	0.4	1.4
Dimmension	Body	W*H*D	mm	1,182 x 298 x 450	1,182 x 298 x 450	1,182 x 298 x 450
Net weight	Body		kg	34.0	35.0	35.0
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)
	Drain	O.D./I.D.	mm	32/26	32/26	32/26
External Static Pressure	Min ~ Max		Pa	25~98	25~98	25~98

Outdoor Unit Model Name				UU18WH UE1	UU21WH U41	UU24WH U41
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	58	58	58
Sound Pressure	Cooling		dBA	47	47	47
	Heating		dBA	50	50	50
Sound Power	Cooling		dBA			
Dimmensions	WxHxD		mm	870x808x320	950x834x330	950x834x330
Net weight			kg	58	63	63
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	2,000	2,200	2,200
Additional Refrigerant charge			g/m	20	40	40
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			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	20	25	25
Piping Length total		Min	m	5	5	5
		Max	m	50	50	50
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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UB36H / UB42H / UB48H

PQRCVSL0QW (White)

UU36WH
UU42WH
UU48WH

Specifications

Indoor Unit Model Name				UB36H NR1	UB42H NR1	UB48H NR1
Capacity	Cooling	Min	kW	4.8	5.0	5.6
		Nom	kW	10.0	12.5	13.4
		Max	kW	14.1	15.0	16.0
	Heating	Min	kW	5.2	5.6	6.6
		Nom	kW	11.2	14.0	15.5
		Max	kW	14.5	17.6	18.5
Power Input	Cooling/Heating	Nom	kW	2.7/2.5	3.7/3.3	4.2/3.8
Power Input (only IDU)		Nom	kW	0.3	0.3	0.3
Running Current (Set)	Cooling/Heating	Nom	A	11.5/11.3	16.8/15.0	18.7/18.0
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.72	3.41	3.23
COP			W/W	4.46	4.31	4.06
SEER						
Energy Label	Cooling/Heating			A/A	A/A	A/A
Annual Energy Consumption	Cooling		kWh	1,345	1,835	2,075
Air Flow Rate		Low	m^3/min	20.0	24.0	28.0
		Medium	m^3/min	27.0	31.0	34.0
		High	m^3/min	34.0	37.0	40.0
Sound Pressure		Low	dBA	36	37	37
		Medium	dBA	37	38	38
		High	dBA	38	39	39
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	4.0	5.0	5.0
Dimmension	Body	W*H*D	mm	1,230x380x590	1,230x380x590	1,230x380x590
Net weight	Body		kg	53.0	53.0	53.0
Piping connection	Liquid		mm(inch)	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)
	Drain	O.D./I.D.	mm	32/26	32/26	32/26
External Static Pressure	Min ~ Max		Pa	39~118	49~118	49~118

Outdoor Unit Model Name				UU36WH U31	UU42WH U31	UU48WH U31
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	110	110	110
Sound Pressure	Cooling		dBA	51	51	51
	Heating		dBA	53	53	53
Sound Power	Cooling		dBA			
Dimmensions	WxHxD		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net weight			kg	103	103	103
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,600	3,600	3,600
Additional Refrigerant charge			g/m	40	40	40
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			Nxmm²	3 x 5.0	3 x 5.0	3 x 5.0
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	40	40	40
Piping Length total		Min	m	5	5	5
		Max	m	75	75	75
Piping elevation difference	IDU-ODU	Max	m	30	30	30
Piping connection	Liquid		mm(inch)	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)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UB36H / UB42H / UB48H

PQRCVSL0QW (White)

UU37WH
UU43WH
UU49WH

Specifications

Indoor Unit Model Name				UB36H NR1	UB42H NR1	UB48H NR1
Capacity	Cooling	Min	kW	4.8	5.0	5.6
		Nom	kW	10.0	12.5	13.4
		Max	kW	14.1	15.0	16.0
	Heating	Min	kW	5.2	5.6	6.6
		Nom	kW	11.2	14.0	15.5
		Max	kW	14.5	17.6	18.5
Power Input	Cooling/Heating	Nom	kW	2.7/2.5	3.7/3.3	4.2/3.8
Power Input (only IDU)		Nom	kW	0.3	0.3	0.3
Running Current (Set)	Cooling/Heating	Nom	A	11.5/11.3	16.8/15.0	18.7/18.0
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.72	3.41	3.23
COP			W/W	4.46	4.31	4.06
SEER						
Energy Label	Cooling/Heating			A/A	A/A	A/A
Annual Energy Consumption	Cooling		kWh	1,345	1,835	2,075
Air Flow Rate		Low	m^3/min	20.0	24.0	28.0
		Medium	m^3/min	27.0	31.0	34.0
		High	m^3/min	34.0	37.0	40.0
Sound Pressure		Low	dBA	36	37	37
		Medium	dBA	37	38	38
		High	dBA	38	39	39
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	4.0	5.0	5.0
Dimmension	Body	W*H*D	mm	1,230x380x590	1,230x380x590	1,230x380x590
Net weight	Body		kg	53.0	53.0	53.0
Piping connection	Liquid		mm(inch)	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)
	Drain	O.D./I.D.	mm	32/26	32/26	32/26
External Static Pressure	Min ~ Max		Pa	39~118	49~118	49~118

Outdoor Unit Model Name				UU37WH U31	UU43WH U31	UU49WH U31
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	110	110	110
Sound Pressure	Cooling		dBA	51	51	51
	Heating		dBA	53	53	53
Sound Power	Cooling		dBA			
Dimmensions	WxHxD		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net weight			kg	103	103	103
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,600	3,600	3,600
Additional Refrigerant charge			g/m	40	40	40
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			Nxmm²	5 x 2.5	5 x 2.5	5 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	20	25	25
Piping Length total		Min	m	5	5	5
		Max	m	75	75	75
Piping elevation difference	IDU-ODU	Max	m	30	30	30
Piping connection	Liquid		mm(inch)	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)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

CB18 / CB24 / UB30

Standard Inverter

PQRCVSL0QW (White)

UU18W

UU24W
UU30W

Specifications

*CB18, CB24 can be compatible between SCAC and Multi.
*To be updated when launched

Indoor Unit Model Name				CB18 NH2	CB24 NH2	UB30 NG2
Capacity	Cooling	Min	kW	2.0	2.8	3.2
		Nom	kW	5.0	7.1	8.0
		Max	kW	5.4	7.8	8.8
	Heating	Min	kW	2.4	3.2	3.6
		Nom	kW	6.0	8.0	9.0
		Max	kW	6.6	8.8	9.9
Power Input	Cooling/Heating	Nom	kW	1.5/1.7	2.4/2.5	2.3/2.5
Power Input (only IDU)		Nom	kW	0.9	0.9	1.3
Running Current (Set)	Cooling/Heating	Nom	A	6.7/7.2	10.3/10.8	9.9/10.8
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.21	3.01	3.51
COP			W/W	3.61	3.21	3.61
SEER						
Energy Label	Cooling/Heating			A/A	B/C	A/A
Annual Energy Consumption	Cooling		kWh	770	1,180	1,140
Air Flow Rate		Low	m^3/min	13.0	14.0	20.0
		Medium	m^3/min	14.5	16.5	23.0
		High	m^3/min	16.5	18.0	26.5
Sound Pressure		Low	dBA	32	34	35
		Medium	dBA	34	36	38
		High	dBA	36	38	40
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	2.0	2.5	3.3
Dimmension	Body	W*H*D	mm	880*260*450	880*260*450	1,180*298*450
Net weight	Body		kg	35.0	35.0	38.0
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)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25
External Static Pressure	Min ~ Max		Pa	25 ~ 80	25 ~ 40 ~ 80	40 ~ 50 ~ 100

*To be updated when launched

Outdoor Unit Model Name				UU18W UE2	UU24W U42	UU30W U42
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	50	58	58
Sound Pressure	Cooling		dBA	48	47	47
	Heating		dBA	48	50	50
Sound Power	Cooling		dBA	62	65	66
Dimmensions	WxHxD		mm	870x655x320	950x834x330	950x834x330
Net weight			kg	48	61	61
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,400	2,000	2,000
Additional Refrigerant charge			g/m	20	40	40
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			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	20	30	30
Piping Length total		Min	m	5	5	5
		Max	m	40	50	50
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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UB36 / UB42 / UB48 / UB60

Standard Inverter

PQRCVSL0QW (White)

UU36W

UU48W
UU60W

Specifications

*To be updated when launched

Indoor Unit Model Name				UB36 NG2	UB42 NR2	UB48 NR2	UB60 NR2
Capacity	Cooling	Min	kW	4.0	5.0	5.6	5.9
		Nom	kW	10.0	12.5	14.0	14.8
		Max	kW	11.0	13.8	15.4	16.3
	Heating	Min	kW	4.5	5.6	6.6	6.8
		Nom	kW	11.2	14	16.4	16.8
		Max	kW	12.3	15.4	18.2	18.7
Power Input	Cooling/Heating	Nom	kW	3.5/3.5	4.2/3.7	4.7/4.5	5.3/4.6
Power Input (only IDU)		Nom	kW	1.4	3.7	3.7	3.7
Running Current (Set)	Cooling/Heating	Nom	A	15.3/15.2	18.0/16.2	20.2/19.7	22.8/19.9
Power Supply			Ø/V/Hz				
EER			W/W	2.85	3.01	3.01	2.81
COP			W/W	3.21	3.75	3.61	3.67
SEER							
Energy Label	Cooling/Heating			C/C	B/A	B/A	C/A
Annual Energy Consumption	Cooling		kWh	1,755	2,075	2,325	2,630
Air Flow Rate		Low	m^3/min	26.0	32.0	30.0	40.0
		Medium	m^3/min	29.0	36.0	35.0	45.0
		High	m^3/min	32.0	38.0	40.0	50.0
Sound Pressure		Low	dBA	36	38	40	42
		Medium	dBA	39	40	42	44
		High	dBA	42	42	44	46
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	4.0	5.0	6.0	6.5
Dimmension	Body	W*H*D	mm	1,180*298*450	1,230*380*590	1,230*380*590	1,230*380*590
Net weight	Body		kg	38.0	60.0	60.0	62.0
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)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
External Static Pressure	Min ~ Max		Pa	40 ~ 50 ~ 100	60 ~ 100	60 ~ 100	60 ~ 100

*To be updated when launched

Outdoor Unit Model Name				UU36W U02	UU42W U32	UU48W U32	UU60W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	90	110	110	110
Sound Pressure	Cooling		dBA	54	51	51	51
	Heating		dBA	55	53	53	53
Sound Power	Cooling		dBA	68	70	70	70
Dimmensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net weight			kg	75	103	103	103
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,600	3,600	3,600
Additional Refrigerant charge			g/m	40	40	40	40
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			Nxmm²	3 x 2.5	3 x 3.5	3 x 3.5	3 x 3.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	30	40	40	40
Piping Length total		Min	m	5	5	5	5
		Max	m	50	75	75	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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UB36 / UB42 / UB48 / UB60

3Phase Standard Inverter

PQRCVSL0QW (White)

UU37W

UU43W
UU49W
UU61W

Specifications

*To be updated when launched

Indoor Unit Model Name				UB36 NG2	UB42 NR2	UB48 NR2	UB60 NR2
Capacity	Cooling	Min	kW	4.0	5.0	5.6	5.9
		Nom	kW	10.0	12.5	14.0	14.8
		Max	kW	11.0	13.8	15.4	16.3
	Heating	Min	kW	4.5	5.6	6.6	6.8
		Nom	kW	11.2	14.0	16.4	16.8
		Max	kW	12.3	15.4	18.2	18.7
Power Input	Cooling/Heating	Nom	kW	3.5/3.5	4.2/3.7	4.7/4.5	5.3/4.6
Power Input (only IDU)		Nom	kW	1.4	3.7	3.7	3.7
Running Current (Set)	Cooling/Heating	Nom	A	15.3/15.2	18.0/16.2	20.2/19.7	22.9/19.9
Power Supply			Ø/V/Hz				
EER			W/W	2.85	3.01	3.01	2.81
COP			W/W	3.21	3.75	3.61	3.67
SEER							
Energy Label	Cooling/Heating			C/C	B/A	B/A	C/A
Annual Energy Consumption	Cooling		kWh	1,755	2,075	2,325	2,630
Air Flow Rate		Low	m^3/min	26.0	32.0	30.0	40.0
		Medium	m^3/min	29.0	36.0	35.0	45.0
		High	m^3/min	32.0	38.0	40.0	50.0
Sound Pressure		Low	dBA	36	38	40	42
		Medium	dBA	39	40	42	44
		High	dBA	42	42	44	46
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	4.0	5.0	6.0	6.5
Dimmension	Body	W*H*D	mm	1,180*298*450	1,230*380*590	1,230*380*590	1,230*380*590
Net weight	Body		kg	38.0	60.0	60.0	62.0
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)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
External Static Pressure	Min ~ Max		Pa	40 ~ 50 ~ 100	60 ~ 100	60 ~ 100	60 ~ 100

*To be updated when launched

Outdoor Unit Model Name				UU37W U02	UU43W U32	UU49W U32	UU61W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	90	110	110	110
Sound Pressure	Cooling		dBA	54	51	51	51
	Heating		dBA	55	53	53	53
Sound Power	Cooling		dBA	68	70	70	70
Dimmensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net weight			kg	80	103	103	103
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,600	3,600	3,600
Additional Refrigerant charge			g/m	40	40	40	40
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			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	20	25	25	25
Piping Length total		Min	m	5	5	5	5
		Max	m	50	75	75	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)	Ø9.52(3/8)	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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

COMFORT
SPACE,
WITH
EASY OPERATION

FLOOR &
CEILING SUSPENDED

FLOOR & CEILING SUSPENDED

Flexible Installation

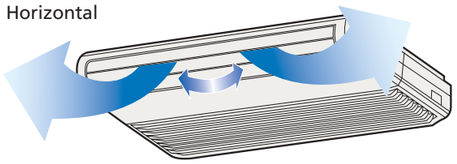
The ceiling and floor model can be installed either ceiling or floor. So you can save the space when you install this units on your shop or office.

*Floor is only for standard inverter 2.5, 3.5kW

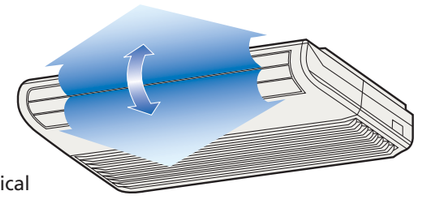
Airflow Direction Control

Horizontal Airflow Direction Control.
Adjust the horizontal airflow direction by manually moving the horizontal airflow direction louver by hand.

Horizontal



Vertical Airflow Direction Control
The airflow direction can be adjusted as desired by using the remote controller.



Vertical

Ez-Remote Controller

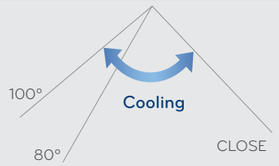
User friendly & modern design and easy usage
-Comfortable to grab
- Sliding type
- Bigger size button
- Highlighted some buttons with different colors
- Easy to recognize functions withgraphics

FLOOR & CEILING SUSPENDED

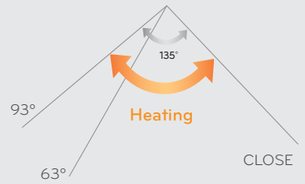
Air flow direction control

Whether being it on the floor or ceiling, air flow can be adjusted and controlled by right, left, upper and lower side. It provides 3 dimensionals air flow and gives quick cooling to every part of the room.

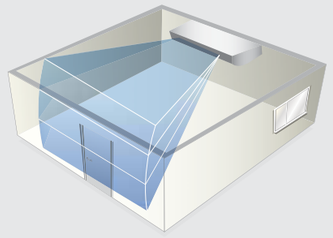
Cooling



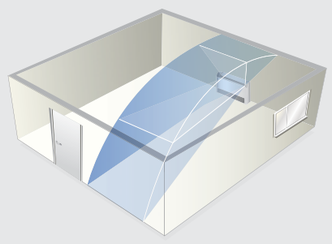
Heating



Ceiling Installation

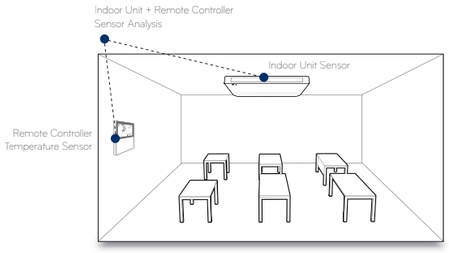


Floor Installation



Room Temperature Detection Sensor

According to indoor environment and indoor unit location, the room temperature can be controlled by 2 thermistors which indoor unit and remote controller in different location attached to.
After comparing the two temperatures, it will set the lower temperaturre between two in case of heating mode.

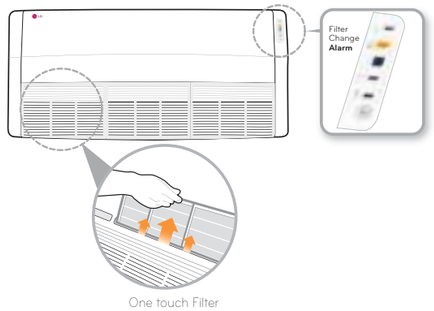


One Touch Filter

Whenever filter is need to be cleaned, it will be notified by the alarm and clean air can be maintained by cleaning the filter. Due to one touch feature, it's very easy and convenient to clean the filter.

Filter Alarm after 2400 hours of Unit working

※ model: VJ,VK,VL chassis



One touch Filter

UV12H / UV18H / UV21H / UV24H

UV12H, UV18H

PQWRHDF0

UV21H , UV24H

PQWRHDF0

UU12WH

UU18WH

UU21WH
UU24WH

Specifications

Indoor Unit Model Name				UV12H NJ1	UV18H NJ1	UV21H NK1	UV24H NK1
Capacity	Cooling	Min	kW	1.4	2.0	2.8	2.8
		Nom	kW	3.5	5.0	6.0	7.0
		Max	kW	4.2	5.5	8.0	8.4
	Heating	Min	kW	1.6	2.2	3.1	3.2
		Nom	kW	4.0	5.4	7.0	7.7
		Max	kW	4.8	6.1	9.0	9.2
Power Input	Cooling/Heating	Nom	kW	1.0/1.1	1.3/1.5	1.6/1.7	1.9/1.9
Power Input (only IDU)		Nom	kW	0.07	0.07	0.12	0.12
Running Current (Set)	Cooling/Heating	Nom	A	4.4/4.6	6.0/6.7	7.6/7.7	9.5/9.0
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.40	3.81	3.75	3.61
COP			W/W	3.81	3.61	4.22	4.01
SEER							
Energy Label	Cooling/Heating			A/A	A/A	A/A	A/A
Annual Energy Consumption	Cooling		kWh	515	655	800	970
Air Flow Rate		Low	m^3/min	10.4	11.9	17.2	18.2
		Medium	m^3/min	11.4	12.9	18.8	19.8
		High	m^3/min	12.4	13.9	20.4	21.4
Sound Pressure		Low	dBA	39	41	41	41
		Medium	dBA	40	43	42	44
		High	dBA	42	45	44	45
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	0.6	1.6	1.9	1.9
Dimmension	Body	W*H*D	mm	950 × 650 × 220	950 × 650 × 220	1,350 × 650 × 220	1,350 × 650 × 220
Net weight	Body		kg	24.6	24.6	35.0	35.0
Piping connection	Liquid		mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas		mm(inch)	Ø9.52(3/8)	Ø12.7(1/2)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain	O.D./I.D.	mm	20/17	20/17	20/17	20/17

Outdoor Unit Model Name				UU12WH UE1	UU18WH UE1	UU21WH U41	UU24WH U41
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	50	58	58	58
Sound Pressure	Cooling		dBA	48	47	47	47
	Heating		dBA	48	50	50	50
Sound Power	Cooling		dBA				
Dimmensions	WxHxD		mm	870x655x320	870x808x320	950x834x330	950x834x330
Net weight			kg	46	58	63	63
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	1,250	2,000	2,200	2,200
Additional Refrigerant charge			g/m	20	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 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			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	15	20	25	25
Piping Length total		Min	m	5	5	5	5
		Max	m	30	50	50	50
Piping elevation difference	IDU-ODU	Max	m	20	30	30	30
Piping connection	Liquid		mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas		mm(inch)	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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UV36H / UV42H / UV48H

PQWRHDF0

UU36WH
UU42WH
UU48WH

Specifications

Indoor Unit Model Name				UV36H NL1	UV42H NL1	UV48H NL1
Capacity	Cooling	Min	kW	4.3	5.0	5.4
		Nom	kW	10.0	12.5	13.3
		Max	kW	12.4	14.9	16.1
	Heating	Min	kW	4.2	5.4	6.2
		Nom	kW	10.5	13.6	15.0
		Max	kW	13.7	16.3	17.8
Power Input	Cooling/Heating	Nom	kW	2.8/2.6	3.9/3.6	4.4/4.2
Power Input (only IDU)		Nom	kW	0.2	0.2	0.2
Running Current (Set)	Cooling/Heating	Nom	A	11.5/11.3	16.8/15.0	18.7/18.0
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.61	3.21	3.01
COP			W/W	4.01	3.81	3.61
SEER						
Energy Label	Cooling/Heating			A/A	A/A	B/A
Annual Energy Consumption	Cooling		kWh	1315	1945	2210
Air Flow Rate		Low	m^3/min	25	27	28
		Medium	m^3/min	27	28	30
		High	m^3/min	29	30	32
Sound Pressure		Low	dBA	43	44	45
		Medium	dBA	44	46	47
		High	dBA	46	47	48
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	2.9	4.8	5.1
Dimmension	Body	W*H*D	mm	1750 × 650 × 220	1750 × 650 × 220	1750 × 650 × 220
Net weight	Body		kg	45	45	45
Piping connection	Liquid		mm(inch)	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)
	Drain	O.D./I.D.	mm	20/17	20/17	20/17

Outdoor Unit Model Name			UU36WH U31	UU42WH U31	UU48WH U31
Compressor	Type		Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		m^3/min	110	110	110
Sound Pressure	Cooling	dBA	51	51	51
	Heating	dBA	53	53	53
Sound Power	Cooling	dBA			
Dimmensions	WxHxD	mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net weight		kg	103	103	103
Refrigerant	Type		R410A	R410A	R410A
	Charge	g	3,600	3,600	3.600
Additional Refrigerant charge		g/m	40	40	40
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		Nxmm²	3 x 5.0	3 x 5.0	3 x 5.0
Transmission cable		Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker		A	40	40	40
Piping Length total	Min	m	5	5	5
	Max	m	75	75	75
Piping elevation difference	IDU-ODU Max	m	30	30	30
Piping connection	Liquid	mm(inch)	Ø9.52(3/8)	Ø15.88(5/8)	Ø9.52(3/8)
	Gas	mm(inch)	Ø15.88(5/8)		Ø15.88(5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. 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
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UV36H / UV42H / UV48H

PQWRHDF0

UU37WH
UU43WH
UU49WH

Specifications

Indoor Unit Model Name				UV36H NL1	UV42H NL1	UV48H NL1
Capacity	Cooling	Min	kW	4.3	5.0	5.4
		Nom	kW	10.0	12.5	13.3
		Max	kW	12.4	14.9	16.1
	Heating	Min	kW	4.2	5.4	6.2
		Nom	kW	10.5	13.6	15.0
		Max	kW	13.7	16.3	17.8
Power Input	Cooling/Heating	Nom	kW	2.8/2.6	3.9/3.6	4.4/4.2
Power Input (only IDU)		Nom	kW	0.2	0.2	0.2
Running Current (Set)	Cooling/Heating	Nom	A	11.5/11.3	16.8/15.0	18.7/18.0
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.61	3.21	3.01
COP			W/W	4.01	3.81	3.61
SEER						
Energy Label	Cooling/Heating			A/A	A/A	B/A
Annual Energy Consumption	Cooling		kWh	1,315	1,945	2,210
Air Flow Rate		Low	m^3/min	25.2	26.6	28.0
		Medium	m^3/min	26.9	28.3	29.7
		High	m^3/min	28.6	30.0	31.5
Sound Pressure		Low	dBA	43	44	45
		Medium	dBA	44	46	47
		High	dBA	46	47	48
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	2.9	4.8	5.1
Dimmension	Body	W*H*D	mm	1,750 × 650 × 220	1,750 × 650 × 220	1,750 × 650 × 220
Net weight	Body		kg	45	45	45
Piping connection	Liquid		mm(inch)	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)
	Drain	O.D./I.D.	mm	20/17	20/17	20/17

Outdoor Unit Model Name			UU37WH U31	UU43WH U31	UU49WH U31
Compressor	Type		Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		m^3/min	110	110	110
Sound Pressure	Cooling	dBA	51	51	51
	Heating	dBA	53	53	53
Sound Power	Cooling	dBA			
Dimmensions	WxHxD	mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net weight		kg	103	103	103
Refrigerant	Type		R410A	R410A	R410A
	Charge	g	3,600	3,600	3,600
Additional Refrigerant charge		g/m	40	40	40
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		Nxmm²	5 x 2.5	5 x 2.5	5 x 2.5
Transmission cable		Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker		A	20	25	25
Piping Length total	Min	m	5	5	5
	Max	m	75	75	75
Piping elevation difference	IDU-ODU Max	m	30	30	30
Piping connection	Liquid	mm(inch)	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)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. 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
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

CV09 / CV12

Standard Inverter

PQWRHDF0

UU09W
UU12W

Specifications

*CV09, CV12 can be compatible between SCAC and Multi.
*To be updated when launched

Indoor Unit Model Name				CV09 NE2	CV12 NE2
Capacity	Cooling	Min	kW	1.0	1.3
		Nom	kW	2.5	3.3
		Max	kW	2.8	3.6
	Heating	Min	kW	1.2	1.5
		Nom	kW	3.0	3.8
		Max	kW	3.3	4.2
Power Input	Cooling/Heating	Nom	kW	0.8/0.8	1.1/1.2
Power Input (only IDU)		Nom	kW	0.02	0.02
Running Current (Set)	Cooling/Heating	Nom	A	3.3/3.6	4.7/5.1
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.33	3.03
COP			W/W	3.61	3.22
SEER					
Energy Label	Cooling/Heating			A/A	B/C
Annual Energy Consumption	Cooling		kWh	375	545
Air Flow Rate		Low	m^3/min	6.2	6.6
		Medium	m^3/min	6.9	7.6
		High	m^3/min	7.6	9.2
Sound Pressure		Low	dBA	32	31
		Medium	dBA	35	36
		High	dBA	38	40
Sound Power	Cooling		dBA		
Dehumidification Rate			l/h	1.2	1.2
Dimmension	Body	W*H*D	mm	900*200*490	900*200*490
Net weight	Body		kg	13.7	13.7
Piping connection	Liquid		mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas		mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)
	Drain	O.D./I.D.	mm	32/25	32/25

Outdoor Unit Model Name				UU09W ULD	UU12W ULD
Compressor	Type			Rotary	Rotary
Airflow Rate			m^3/min	50	50
Sound Pressure	Cooling		dBA	47	47
	Heating		dBA	48	48
Sound Power	Cooling		dBA		
Dimmensions	WxHxD		mm	770x540x245	770x540x245
Net weight			kg	32	32
Refrigerant	Type			R410A	R410A
	Charge		g	1,000	1,000
Additional Refrigerant charge			g/m	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~46	-10~46
	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			Nxmm²	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75
Circuit Breaker			A	15	15
Piping Length total		Min	m	5	5
		Max	m	15	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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

CV18 / CV24 / UV30

Standard Inverter

PQWRHDF0

UU18W

UU24W
UU30W

Specifications

*CV18, CV24 can be compatible between SCAC and Multi.
*To be updated when launched

Indoor Unit Model Name				CV18 NJ2	CV24 NJ2	UV30 NJ2
Capacity	Cooling	Min	kW	1.9	2.8	3.0
		Nom	kW	4.8	7.0	7.6
		Max	kW	5.3	7.7	8.4
	Heating	Min	kW	2.0	3.1	3.4
		Nom	kW	5.1	7.6	8.2
		Max	kW	5.6	8.5	9.2
Power Input	Cooling/Heating	Nom	kW	1.5/1.5	2.2/2.4	2.5/2.7
Power Input (only IDU)		Nom	kW	0.07	0.07	0.07
Running Current (Set)	Cooling/Heating	Nom	A	6.8/6.8	9.5/10.3	11.0/11.8
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	3.22	3.21	3.01
COP			W/W	3.42	3.21	3.01
SEER						
Energy Label	Cooling/Heating			A/B	A/C	B/D
Annual Energy Consumption	Cooling		kWh	745	1,090	1,260
Air Flow Rate		Low	m^3/min	10.4	11.9	11.9
		Medium	m^3/min	11.4	12.9	12.9
		High	m^3/min	12.4	13.9	13.9
Sound Pressure		Low	dBA	39	41	41
		Medium	dBA	40	43	43
		High	dBA	42	44	44
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	1.6	1.9	1.9
Dimmension	Body	W*H*D	mm	950*650*220	950*650*220	950*650*220
Net weight	Body		kg	24.6	24.6	24.6
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)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25

*To be updated when launched

Outdoor Unit Model Name				UU18W UE2	UU24W U42	UU30W U42
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	50	58	58
Sound Pressure	Cooling		dBA	48	47	47
	Heating		dBA	48	50	50
Sound Power	Cooling		dBA	62	65	66
Dimmensions	WxHxD		mm	870x655x320	950x834x330	950x834x330
Net weight			kg	48	61	61
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,400	2,000	2,000
Additional Refrigerant charge			g/m	20	40	40
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			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	20	30	30
Piping Length total		Min	m	5	5	5
		Max	m	40	50	50
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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UV36 / UV42 / UV48 / UV60

Standard Inverter

UV36

PQWRHDF0

UV42, UV48 , UV60

PQWRHDF0

UU36W

UU42W
UU48W
UU60W

Specifications

*To be updated when launched

Indoor Unit Model Name				UV36 NK2	UV42 NL2	UV48 NL2	UV60 NL2
Capacity	Cooling	Min	kW	3.8	5.0	5.3	5.7
		Nom	kW	9.5	12.5	13.3	14.4
		Max	kW	10.5	13.8	14.6	15.7
	Heating	Min	kW	4.2	5.6	6.4	6.8
		Nom	kW	10.5	13.6	15.3	16.8
		Max	kW	11.6	15.4	17.6	18.7
Power Input	Cooling/Heating	Nom	kW	2.8/3.1	3.9/3.7	4.3/4.5	5.2/5.4
Power Input (only IDU)		Nom	kW	0.1	0.2	0.2	0.2
Running Current (Set)	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			W/W	3.42	3.21	3.11	2.75
COP			W/W	3.41	3.70	3.41	3.10
SEER							
Energy Label	Cooling/Heating			A/B	A/A	B/B	D/D
Annual Energy Consumption	Cooling		kWh	1,390	1,945	2,140	2,620
Air Flow Rate		Low	m^3/min	18.2	25.2	26.6	28.0
		Medium	m^3/min	19.8	26.9	28.3	29.7
		High	m^3/min	21.4	28.6	30.0	31.5
Sound Pressure		Low	dBA	41	43	44	45
		Medium	dBA	44	44	46	47
		High	dBA	45	46	47	48
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	2.9	4.8	5.1	5.1
Dimmension	Body	W*H*D	mm	1,350*650*220	1,750*650*220	1,750*650*220	1,750*650*220
Net weight	Body		kg	35.0	45.0	45.0	45.0
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)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25

*To be updated when launched

Outdoor Unit Model Name				UU36W U02	UU42W U32	UU48W U32	UU60W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	90	110	110	110
Sound Pressure	Cooling		dBA	54	51	51	51
	Heating		dBA	55	53	53	53
Sound Power	Cooling		dBA	68	70	70	70
Dimmensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net weight			kg	75	103	103	103
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,600	3,600	3,600
Additional Refrigerant charge			g/m	40	40	40	40
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			Nxmm²	3 x 2.5	3 x 3.5	3 x 3.5	3 x 3.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	30	40	40	40
Piping Length total		Min	m	5	5	5	5
		Max	m	50	75	75	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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UV36 / UV42 / UV48 / UV60

3Phase Standard Inverter

UV36

PQWRHDF0

UV42, UV48 , UV60

PQWRHDF0

UU37W

UU43W
UU49W
UU61W

Specifications

*To be updated when launched

Indoor Unit Model Name				UV36 NK2	UV42 NL2	UV48 NL2	UV60 NL2
Capacity	Cooling	Min	kW	3.8	5.0	5.3	5.7
		Nom	kW	9.5	12.5	13.3	14.4
		Max	kW	10.5	13.8	14.6	15.7
	Heating	Min	kW	4.2	5.6	6.4	6.8
		Nom	kW	10.5	13.6	15.3	16.8
		Max	kW	11.6	15.4	17.6	18.7
Power Input	Cooling/Heating	Nom	kW	2.8/3.1	3.9/3.7	4.3/4.5	5.2/5.4
Power Input (only IDU)		Nom	kW	0.1	0.2	0.2	0.2
Running Current (Set)	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			W/W	3.42	3.21	3.11	2.75
COP			W/W	3.41	3.70	3.41	3.10
SEER							
Energy Label	Cooling/Heating			A/B	A/A	B/B	D/D
Annual Energy Consumption	Cooling		kWh	1,390	1,945	2,140	2,620
Air Flow Rate		Low	m^3/min	18.2	25.2	26.6	28.0
		Medium	m^3/min	19.8	26.9	28.3	29.7
		High	m^3/min	21.4	28.6	30	31.5
Sound Pressure		Low	dBA	41	43	44	45
		Medium	dBA	44	44	46	47
		High	dBA	45	46	47	48
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	2.93	4.77	5.05	5.05
Dimmension	Body	W*H*D	mm	1,350*650*220	1,750*650*220	1,750*650*220	1,750*650*220
Net weight	Body		kg	35.0	45.0	45.0	45.0
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)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25

*To be updated when launched

Outdoor Unit Model Name				UU37W U02	UU43W U32	UU49W U32	UU61W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate			m^3/min	90	110	110	110
Sound Pressure	Cooling		dBA	54	51	51	51
	Heating		dBA	55	53	53	53
Sound Power	Cooling		dBA	68	70	70	70
Dimmensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net weight			kg	80	103	103	103
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,600	3,600	3,600
Additional Refrigerant charge			g/m	40	40	40	40
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			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	20	25	25	25
Piping Length total		Min	m	5	5	5	5
		Max	m	50	75	75	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)	Ø9.52(3/8)	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. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

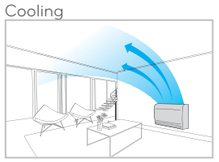
NICE DESIGN, PROVIDING COMPORT AIR FLOW

CONSOLE

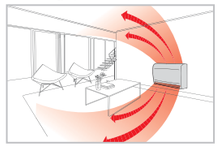
Comfort Air Flow

•Different air flow of cooling & heating
For cooling, the vane is adjusted upwards to let the cold air travel up. As for heating, the vane sends the heated air downwards to balance room temperature specially for floor.

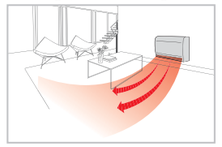
Cooling



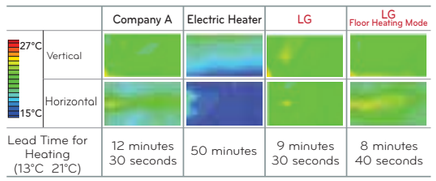
Heating (Nomal)



Heating (Floor Heating Mode)



•Quick floor heating
Console air conditioners can operate faster to provider more powerful performance.
The results is to attain the desired temperature much faster in floor heating mode than conventional air conditioners.



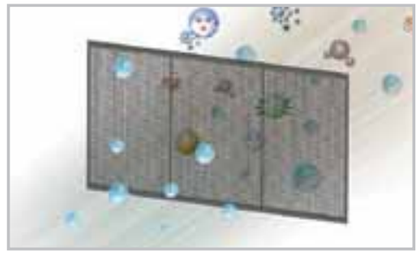
Lead Time for Heating (13°C 21°C)	12 minutes 30 seconds	50 minutes	9 minutes 30 seconds	8 minutes 40 seconds

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

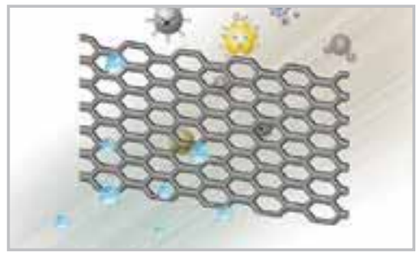
• EZ vane tap control
Vane angle could be controlled in few directions air flow to adjust.

Healthy Air (3 stage air filter system)

1st Advanced pre filter :
The antibacterial pre-filter primarily reduces large dust, mould and quilt dust.



2nd Allergy Filter :
Filter consists of enzyme that breaks down allergen, apatite, and organic/inorganic binder that attaches the enzyme to the filter. When the air passes the filter, allergen clings to the filter and like tiny pairs of scissors the enzymes cut allergen's protein to deactivate the allergen.



3rd Plasma Ion Generator :
The sterilized ion generating system, Ion Generator, emits around 1.2 million ions, and catches hazardous substances floating in the air, therefore proactively looking for and catching germs.

Console

LG Unique design

Console is designed with the latest technologies to ensure optimum comfort.

- Full front panel
- 3 dimensional round design

Ez-Remote Controller

User friendly & modern design and easy usage.
-Comfortable to grab
- Sliding type
- Bigger size button
- Highlighted some buttons with different colors
- Easy to recognize functions withgraphics

EZ Installation & SVC

- 6 Way Pipe Installation
  6 way connectable pipe offers the flexible installation.

- Sliding-Type PCB at control box It offers easy access to slide in and out the PCB.

CQ09 / CQ12 / CQ18

PQWRHDF0

UU09W
UU12W

UU18W

Specifications

Indoor Unit Model Name				CQ09 NA0	CQ12 NA0	CQ18 NA0
Capacity	Cooling	Min	kW	1.3	1.4	2.0
		Nom	kW	2.6	3.5	4.6
		Max	kW	3.4	3.7	5.5
	Heating	Min	kW	1.4	1.6	2.2
		Nom	kW	3.1	4.0	4.8
		Max	kW	4.2	4.4	6.0
Power Input	Cooling/Heating	Nom	kW	0.6/0.7	1.1/1.1	1.4/1.4
Power Input (only IDU)		Nom	kW	0.04	0.04	0.04
Running Current (Set)	Cooling/Heating	Nom	A	3.4/3.9	5.0/5.0	7.1/7.2
Power Supply			Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER			W/W	4.02	3.30	3.09
COP			W/W	4.19	3.70	3.41
SEER						
Energy Label	Cooling/Heating			A/A	A/A	B/B
Annual Energy Consumption	Cooling		kWh	317	530	745
Air Flow Rate		Low	m^3/min	5.0	5.2	7.2
		Medium	m^3/min	6.7	6.9	8.6
		High	m^3/min	8.5	8.0	10.1
Sound Pressure		Low	dBA	27	27	35
		Medium	dBA	32	32	39
		High	dBA	38	39	44
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	1.2	1.4	2.0
Dimmension	Body	W*H*D	mm	700x600x210	700x600x210	700x600x210
Net weight	Body		kg	13.8	13.8	13.8
Piping connection	Liquid		mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas		mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø12.7(1/2)
	Drain	O.D./I.D.	mm	16.7/9.7	16.7/9.7	16.7/9.7

*To be updated when launched

Outdoor Unit Model Name				UU09W ULD	UU12W ULD	UU18W UE2
Compressor	Type			Rotary	Rotary	Twin Rotary
Airflow Rate			m^3/min	50	50	50
Sound Pressure	Cooling		dBA	47	47	48
	Heating		dBA	48	48	48
Sound Power	Cooling		dBA			62
Dimmensions	WxHxD		mm	770x540x245	770x540x245	870x655x320
Net weight			kg	32	32	48
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,000	1,000	1,400
Additional Refrigerant charge			g/m	20	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~46	-10~46	-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			Nxmm²	3 x 2.5	3 x 2.5	3 x 2.5
Transmission cable			Nxmm²	4 x 0.75	4 x 0.75	4 x 0.75
Circuit Breaker			A	15	15	20
Piping Length total		Min	m	5	5	5
		Max	m	15	15	40
Piping elevation difference	IDU-ODU	Max	m	10	10	30
Piping connection	Liquid		mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas		mm(inch)	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. 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
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

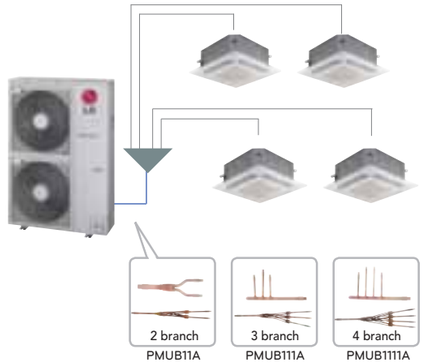
EFFICIENT
SOLUTION
FOR
LARGE AREA

SYNCHRO OPERATION

SYNCHRO OPERATION

Synchro

- Simultaneous operation
- Connectable up to 4 indoor units
- Only using simple branch piping
- H-Inverter : 10.0/12.5/13.4 kW
- Standard Inverter : 12.5/14.0/15.0 kW
- 3Phase Standard Inverter : 12.5/14.0/15.0 kW
- 3Phase H Inverter : 12.5/14.0/15.0 kW



- High Efficiency & Low Noise
- Choice of various indoor type

UU36WH / UU42WH / UU48WH

Specifications

Indoor Unit Model Name			UT12H/UT18H/UT21H/UT24H N*1 / UV12H/UV18H/UV21H/UV24H N*1 UB18H/UB21H/UB24H N*1
Nominal Capacity (Min-Rating-Max)	Cooling	kW	Synchro application(simultaneous operation). Refer to each indoor unit specification ※ Bellow functions are not available for Synchro Operation - Group Control, Zone Control, Dry Contact and Auto Changeover
		Btu/h	
	Heating	kW	
		Btu/h	
Nominal Input (Min-Rating-Max)	Cooling	kW	
	Heating	kW	
EER		kW/kW	
COP		kW/kW	
Operational Temperature Range(Outdoor)	Cooling	°CDB	-10 ~ 48
	Heating	°CWB	-18 ~ 18

Outdoor Unit Model Name			UU36WH U31	UU42WH U31	UU48WH U31
Nominal Capacity (Min-Rated-Max)	Cooling	kW	"Synchro application (simultaneous operation). Refer to combination table."	"Synchro application (simultaneous operation). Refer to combination table."	"Synchro application (simultaneous operation). Refer to combination table. "
	Heating	Btu/h			
Norminal Input (Min-Rated-Max)	Cooling	kW			
	Heating	kW			
Running Current	Cooling/Heating	A			
Power supply		Ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Dimensions	WxHxD	mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight	Outdoor	kg	103	103	103
Refrigerant	Charge*	g	3,600	3,600	3,600
Air flow rate		m^3/min	110	110	110
Noise Level	Cooling/Heating	dB(A)±3	51 /53	51 / 53	51 / 53
SVC Valve	Liquid	mm(inch)	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)
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

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UU37WH / UU43WH / UU49WH

Specifications

Indoor Unit Model Name			UT12H/UT18H/UT21H/UT24H N*1 / UV12H/UV18H/UV21H/UV24H N*1 UB18H/UB21H/UB24H N*1
Nominal Capacity (Min-Rating-Max)	Cooling	kW	Synchro application(simultaneous operation). Refer to each indoor unit specification ※ Bellow functions are not available for Synchro Operation - Group Control, Zone Control, Dry Contact and Auto Changeover
		Btu/h	
	Heating	kW	
		Btu/h	
Nominal Input (Min-Rating-Max)	Cooling	kW	
	Heating	kW	
EER		kW/kW	
COP		kW/kW	
Operational Temperature Range(Outdoor)	Cooling	°CDB	-10 ~ 48
	Heating	°CWB	-18 ~ 18

Outdoor Unit Model Name			UU37WH U31	UU43WH U31	UU49WH U31
Nominal Capacity (Min-Rated-Max)	Cooling	kW	"Synchro application (simultaneous operation). Refer to combination table. "	"Synchro application (simultaneous operation). Refer to combination table."	"Synchro application (simultaneous operation). Refer to combination table."
	Heating	Btu/h			
Norminal Input (Min-Rated-Max)	Cooling	kW			
	Heating	kW			
Running Current	Cooling/Heating	A			
Power supply		Ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Dimensions	WxHxD	mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight	Outdoor	kg	103	103	103
Refrigerant	Charge*	g	3,600	3,600	3,600
Air flow rate		m^3/min	110	110	110
Noise Level	Cooling/Heating	dB(A)±3	51 / 53	51 / 53	51 / 53
SVC Valve	Liquid	mm(inch)	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)
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

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UU42W / UU48W / UU60W

Standard Inverter

Specifications

Indoor Unit Model Name			CT12/CT18/CT24/UT30 N*2 CV18/CV24/UV30/CB18/CB24/UB30 N*2
Nominal Capacity (Min-Rating-Max)	Cooling	kW	Synchro application(simultaneous operation). Refer to each indoor unit specification ※ Bellow functions are not available for Synchro Operation - Group Control, Zone Control, Dry Contact and Auto Changeover
		Btu/h	
	Heating	kW	
		Btu/h	
Nominal Input (Min-Rating-Max)	Cooling	kW	
	Heating	kW	
EER		kW/kW	
COP		kW/kW	
Operational Temperature Range(Outdoor)	Cooling	°CDB	-15 ~ 48
	Heating	°CWB	-18 ~ 18

*To be updated when launched

Outdoor Unit Model Name			UU42W U32	UU48W U32	UU60W U32
Nominal Capacity (Min-Rated-Max)	Cooling	kW	"Synchro application (simultaneous operation). Refer to combination table."	"Synchro application (simultaneous operation). Refer to combination table."	"Synchro application (simultaneous operation). Refer to combination table."
	Heating	Btu/h			
Norminal Input (Min-Rated-Max)	Cooling	kW			
	Heating	kW			
Running Current	Cooling/Heating	A			
Power supply		Ø/V/Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
Dimensions	WxHxD	mm	950×1,380×330	950×1,380×330	950×1,380×330
Net Weight	Outdoor	kg	103	103	103
Refrigerant	Charge*	g	3,600	3,600	3,600
Air flow rate		m^3/min	110	110	110
Noise Level	Cooling/Heating	dB(A)±3	51/53	51/53	51/53
SVC Valve	Liquid	mm(inch)	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)
Max. Interunit Piping Length	Total Piping(Main+Total Branch)	m	80	80	80
	Main Piping	m	40	40	40
	Total Branch Piping	m	40	40	40
	Each Branch Piping	m	10	10	10
Max. Installation Height Difference	Indoor Unit-Outdoor Unit	m	30	30	30
	Indoor Unit-Indoor Unit	m	1	1	1

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. 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
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

UU43W / UU49W / UU61W

3Phase Standard Inverter

Specifications

Indoor Unit Model Name			CT12/CT18/CT24/UT30 N*2 CV18/CV24/UV30/CB18/CB24/UB30 N*2
Nominal Capacity (Min-Rating-Max)	Cooling	kW	Synchro application(simultaneous operation). Refer to each indoor unit specification ※ Bellow functions are not available for Synchro Operation - Group Control, Zone Control, Dry Contact and Auto Changeover
		Btu/h	
	Heating	kW	
		Btu/h	
Nominal Input (Min-Rating-Max)	Cooling	kW	
	Heating	kW	
EER		kW/kW	
COP		kW/kW	
Operational Temperature Range(Outdoor)	Cooling	°CDB	-15 ~ 48
	Heating	°CWB	-18 ~ 18

*To be updated when launched

Outdoor Unit Model Name			UU43W U32	UU49W U32	UU61W U32
Nominal Capacity (Min-Rated-Max)	Cooling	kW	"Synchro application (simultaneous operation). Refer to combination table."	"Synchro application (simultaneous operation). Refer to combination table."	"Synchro application (simultaneous operation). Refer to combination table."
	Heating	Btu/h			
Norminal Input (Min-Rated-Max)	Cooling	kW			
	`	kW			
Running Current	Cooling/Heating	A			
Power supply		Ø/V/Hz	3 / 380~415 / 50	3 / 380~415 / 50	3 / 380~415 / 50
Dimensions	WxHxD	mm	950×1,380×330	950×1,380×330	950×1,380×330
Net Weight	Outdoor	kg	103	103	103
Refrigerant	Charge*	g	3,600	3,600	3,600
Air flow rate		m^3/min	110	110	110
Noise Level	Cooling/Heating	dB(A)±3	51/53	51/53	51/53
SVC Valve	Liquid	mm(inch)	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)
Max. Interunit Piping Length	Total Piping(Main+Total Branch)	m	80	80	80
	Main Piping	m	40	40	40
	Total Branch Piping	m	40	40	40
	Each Branch Piping	m	10	10	10
Max. Installation Height Difference	Indoor Unit-Outdoor Unit	m	30	30	30
	Indoor Unit-Indoor Unit	m	1	1	1

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. 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
3. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

Combination Table

Combination Table

			Possible combination of indor units								
			Installation scene								
IDU : INDOOR UNIT ODU : OUTDOOR UNIT BD : BRANCH DISTRIBUTOR UNIT REMO : WIRED REMOTE CONTROLLER			Duo			Trio			Quartet		
OUTDOOR UNITS	Capacity (kW)		Cassette	Duct	Ceiling & Floor	Cassette	Duct	Ceiling & Floor	Cassette	Duct	Ceiling & Floor
	Cooling	Heating									
UU36WH U31	10.0	11.2	UT18H NP1 *2	UB18H NG1 *2	UV18H NJ1 *2	UT12H NP1 *3	-	-	-	-	-
UU37WH U31			UT18H NP1 *2	UB18H NG1 *2	UV18H NJ1 *2	UT12H NP1 *3	-	-	-		
UU42WH U31	12.5	14.0	UT21H NN1 *2	UB21H NG1 *2	UV21H NK1 *2	UT18H NP1 *3	UB18H NG1 *3	UV18H NJ1 *3	UT12H NP1 *4	-	-
UU43WH U31			UT21H NN1 *2	UB21H NG1 *2	UV21H NK1 *2	UT18H NP1 *3	UB18H NG1 *3	UV18H NJ1 *3	UT12H NP1 *4		
UU48WH U31	13.4	15.5	UT24H NN1 *2	UB24H NG1 *2	UV24H NK1 *2	UT18H NP1 *3	UB18H NG1 *3	UV18H NI1 *3	UT12H NP1 *4	-	-
UU49WH U31			UT24H NN1 *2	UB24H NG1 *2	UV24H NK1 *2	UT18H NP1 *3	UB18H NG1 *3	UV18H NI1 *3	UT12H NP1 *4		
UU42W U32	12.5	14.0	CT24 NP2 *2	CB24 NH2 *2	CV24 NJ2 *2	CT18 NQ2 *3	CB18 NH2 *3	CV18 NJ2 *3	CT12 NR2 *4	-	-
UU43W U32											
UU48W U32	14.0	16.0	CT24 NP2 *2	CB24 NH2 *2	CV24 NJ2 *2	CT18 NQ2 *3	CB18 NH2 *3	CV18 NJ2 *3	CT12 NR2 *4	-	-
UU49W U32											
UU60W U32	15.0	17.0	UT30 NP2 *2	UB30 NG2 *2	UV30 NJ2*2	CT18 NQ2 *3	CB18 NH2 *3	CV18 NJ2 *3	CT12 NR2 *4	-	-
UU61W U32											
Applied Accessories	Wired remote controller*		*			*			*		
	BD unit		PMUB11A			PMUB111A			PMUB1111A		
	AC EZ**		PQCSZ250S0								

For Synchro operation
* Use only wired remote controller, not wireless remote controller.
Choose the right remote controller with the remote controller table.

** Use only central controller PQCSZ250S0.

Type of Indoor Unit		Remote controller needed
H-Inverter	Cassette	PQRCVSL0 (Black) or PQRCVSL0QW (White)
	Duct	PQRCVSL0 (Black) or PQRCVSL0QW (White)
	Ceiling & Floor	PQRCVSL0 (Black)* or PQRCVSL0QW (White)*
Standard Inverter	Cassette	PQRCVSL0 (Black) or PQRCVSL0QW (White)
	Duct	PQRCVSL0 (Black) or PQRCVSL0QW (White)
	Ceiling & Floor	PQRCVSL0 (Black)* or PQRCVSL0QW (White)*

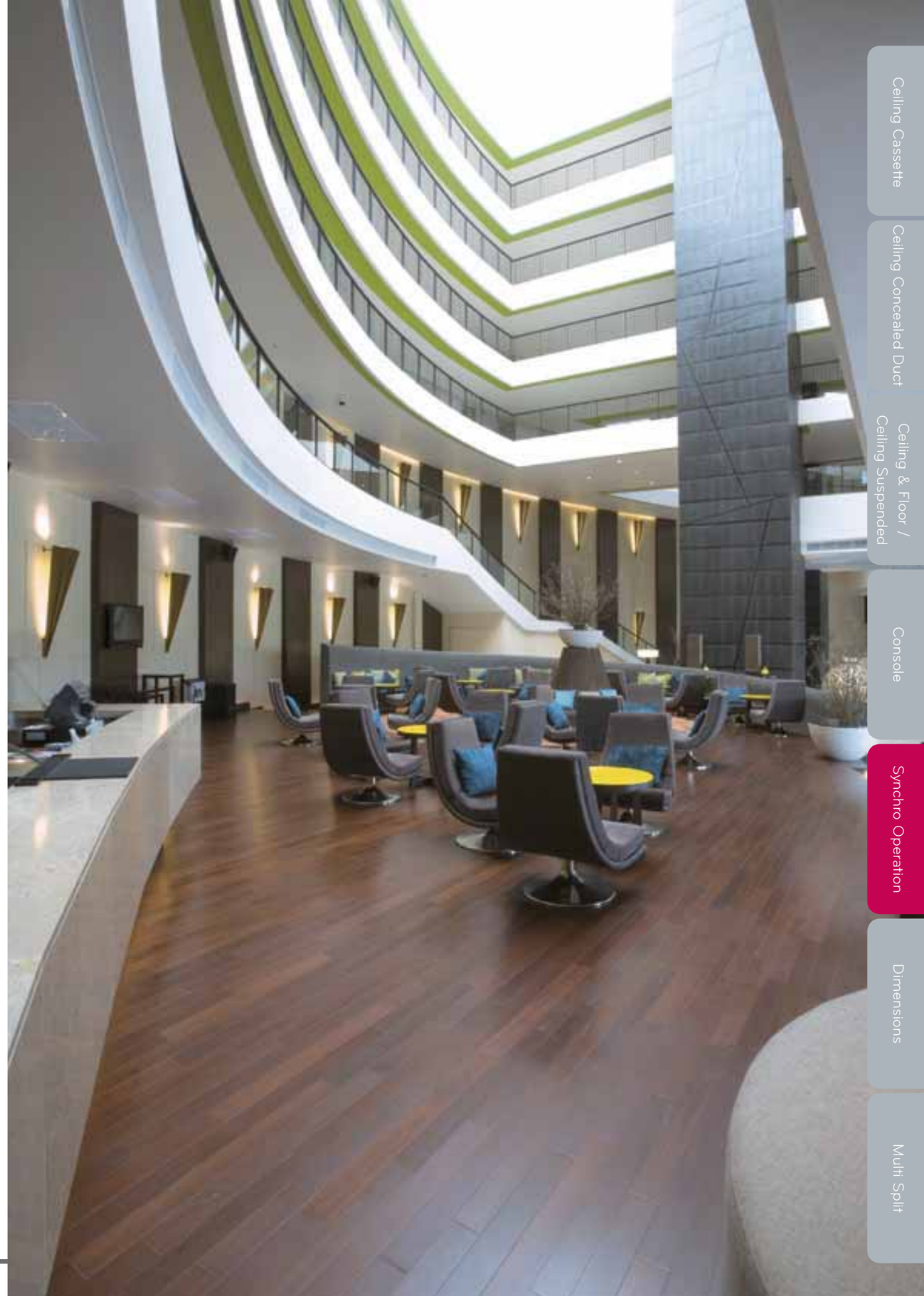
* Has to be purchased separately

Additional Refrigerant Charge

Plz refer to PDB or Installation manual

Branch Pipe

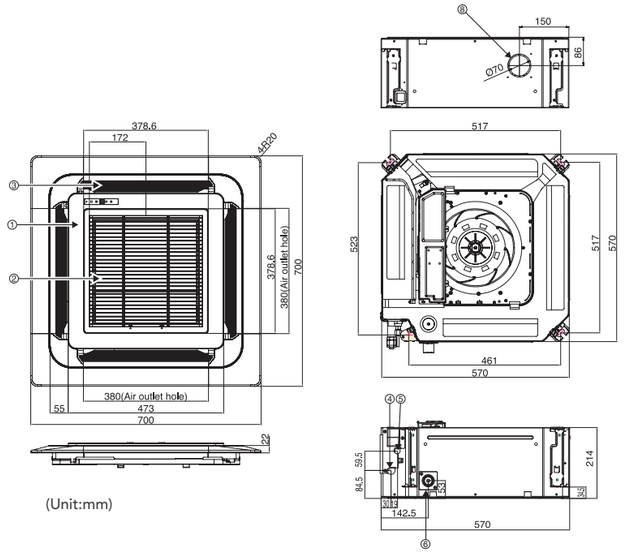
Model Outdoor	Indoor	Indoor Capacity Ratio(%)
PMUB11A	2 units	50:50 (1:1)
PMUB111A	3 units	33:33:33 (1:1:1)
PMUB1111A	4 units	25:25:25:25 (1:1:1:1)



DIMENSIONS _ CEILING CASSETTE

CT09 NR2
CT12 NR2

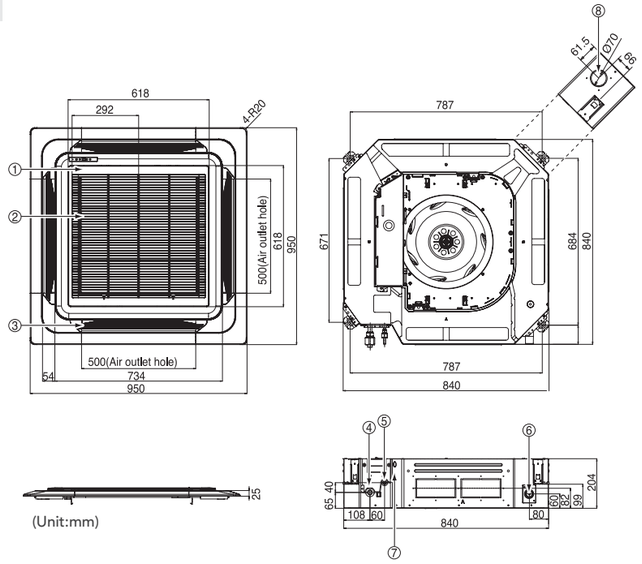
No.	Part Name
1	Decoration panel (PT-UQC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



(Unit:mm)

CT24 NP2 UT12H NP1
UT30 NP2 UT18H NP1

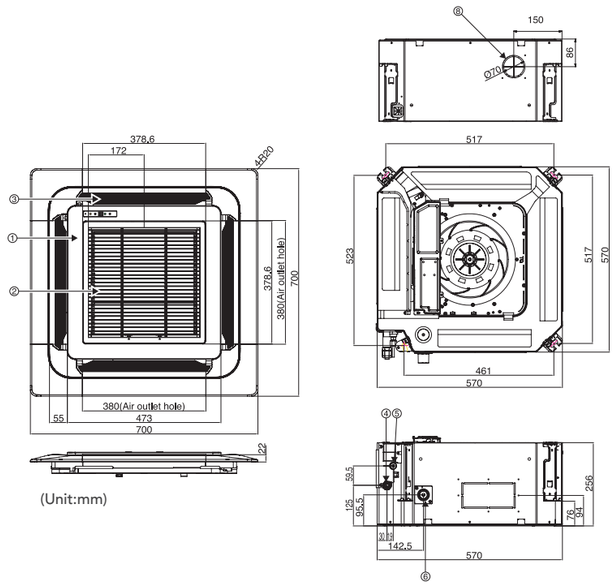
No.	Part Name
1	Decoration panel (PT-UMC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



(Unit:mm)

CT18 NQ2

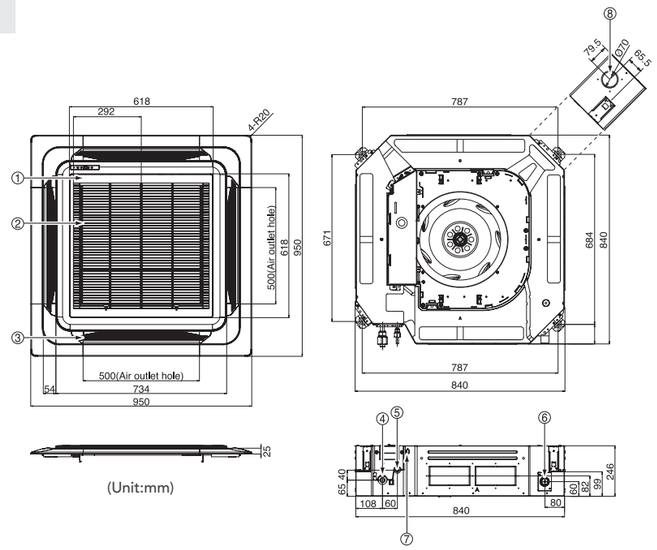
No.	Part Name
1	Decoration panel (PT-UQC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



(Unit:mm)

UT36 NN2 UT21H NN1
UT24H NN1

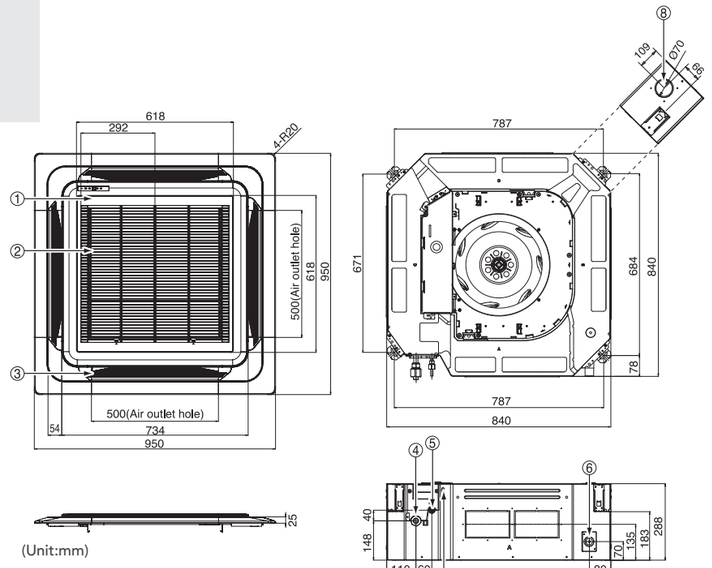
No.	Part Name
1	Decoration panel (PT-UMC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



(Unit:mm)

DIMENSIONS _ CEILING CASSETTE

UT42 NM2 UT36H NM1
UT48 NM2 UT42H NM1
UT60 NM2 UT48H NM1

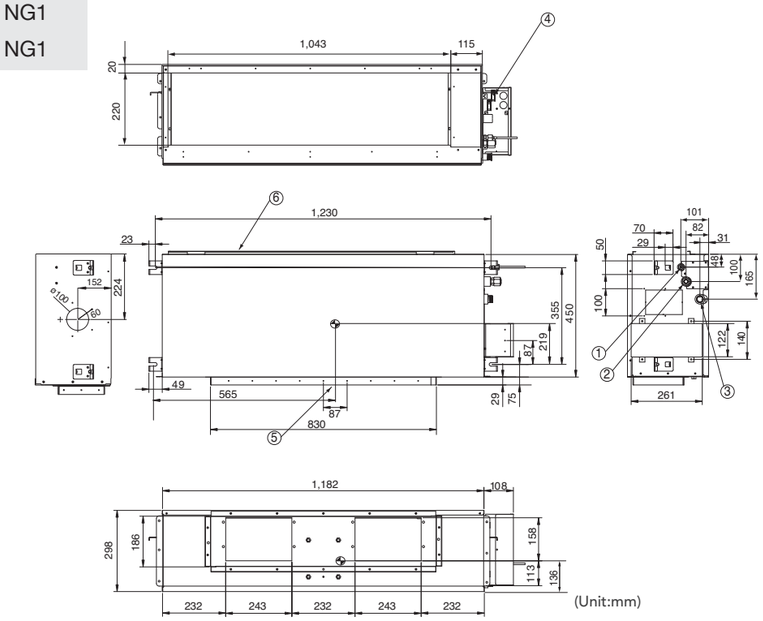


(Unit:mm)

No.	Part Name
1	Decoration panel (PT-UMC)
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)

DIMENSIONS _ CEILING CONCEALED DUCT

UB30 NG2 UB18H NG1
UB36 NG2 UB21H NG1
UB24H NG1

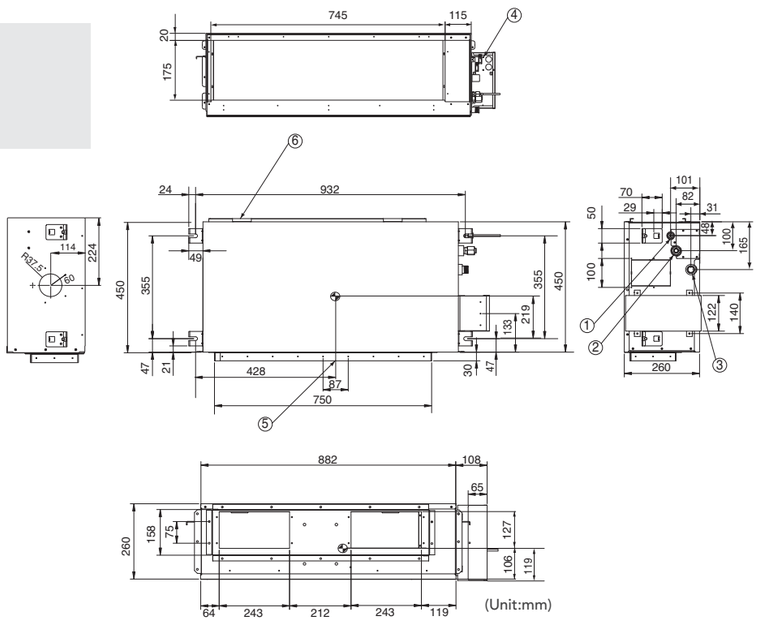


(Unit:mm)

No.	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction

DIMENSIONS _ CEILING CONCEALED DUCT

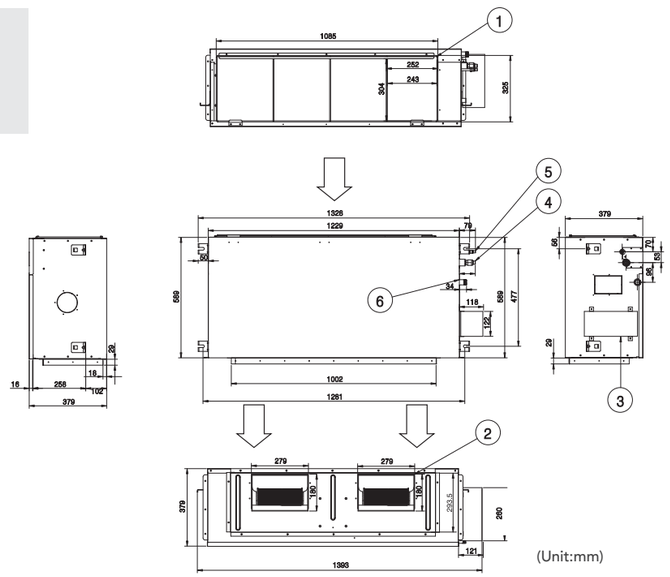
CB18 NH2
CB24 NH2



(Unit:mm)

No.	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction

UB42 NR2 UB36H NR1
UB48 NR2 UB42H NR1
UB60 NR2 UB48H NR1

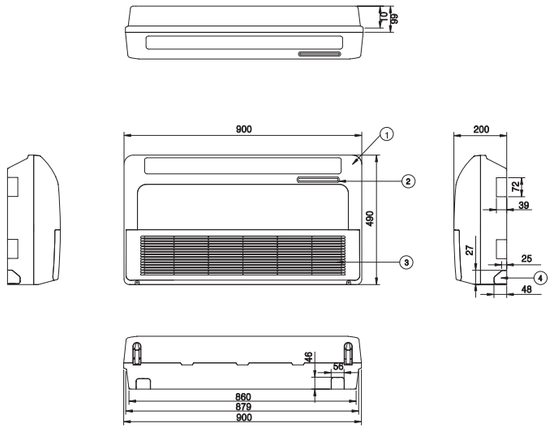


(Unit:mm)

No.	Part Name
1	Air suction flange
2	Air discharge flange
3	Control box
4	Gas pipe connection
5	Luquid pipe connection
6	Drain pipe connection

DIMENSIONS _
FLOOR & CEILING SUSPENDED

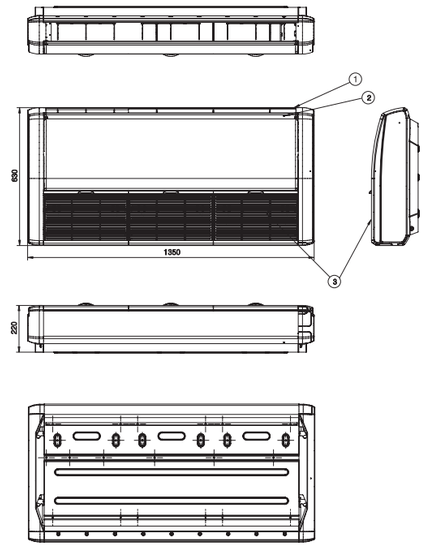
CV09 NE2
CV12 NE2



(Unit:mm)

No.	Part Name
1	Front air discharge grille
2	Display & Signal receiver
3	Air suction grille
4	Knockout hole
5	Installation plate

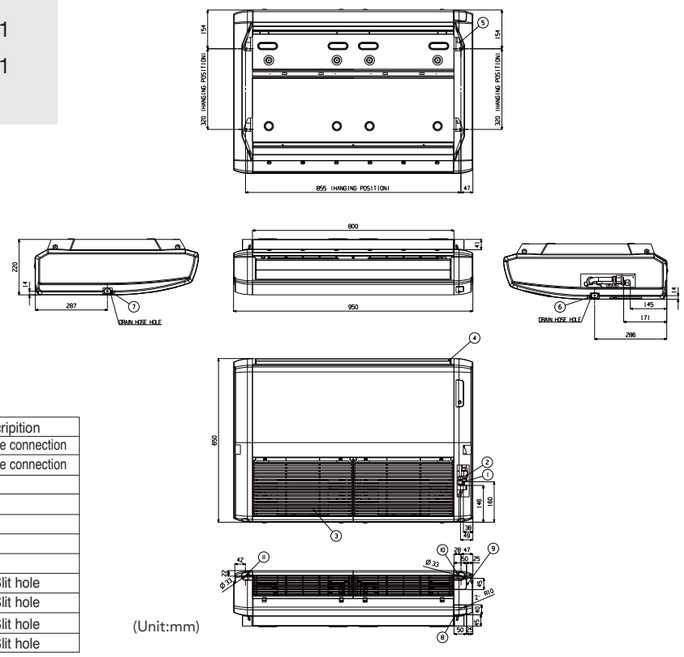
UV21H NK1
UV24H NK1



(Unit:mm)

No.	Part Name
1	Front air discharge grille
2	Display & Signal receiver
3	Air suction grille

CV18 NJ2
CV24 NJ2
UV30 NJ2
UV12H NJ1
UV18H NJ1

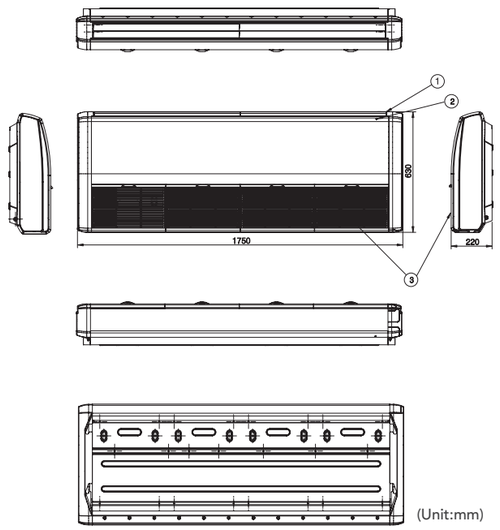


(Unit:mm)

Number	Name	Descripition
1	Liquid pipe	ø6.35 Flare connection
2	Gas pipe	ø12.7 Flare connection
3	Suction gille	
4	Discharge grille	
5	Suspension bracket	
6	Right side drain hose hole	
7	Left side drain hose hole	
8	Wiring connection	Slit hole
9	Piping connection	Slit hole
10	Right side drain pipe connection	Slit hole
11	Left side drain pipe connection	Slit hole

DIMENSIONS _ FLOOR & CEILING SUSPENDED

UV42 NL2 UV36H NL1
UV48 NL2 UV42H NL1
UV60 NL2 UV48H NL1

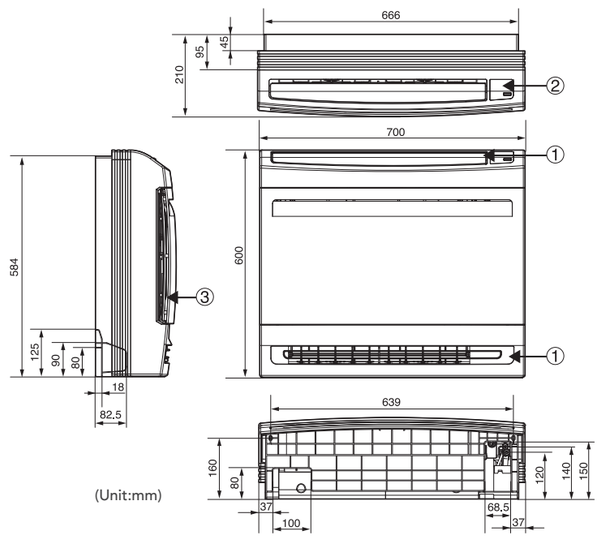


No.	Part Name
1	Front air discharge grille
2	Display & Signal receiver
3	Air suction grille

(Unit:mm)

DIMENSIONS _ CONSOLE

CQ09 NA0
CQ12 NA0
CQ18 NA0

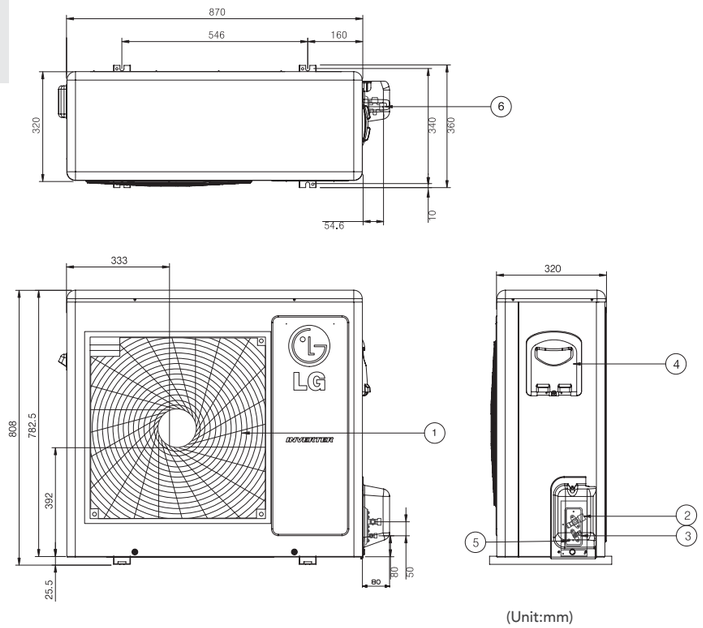


No.	Part Name
1	Front air discharge grille
2	Display & Signal receiver
3	Air suction grille

(Unit:mm)

DIMENSIONS _ UNIVERSAL OUTDOOR

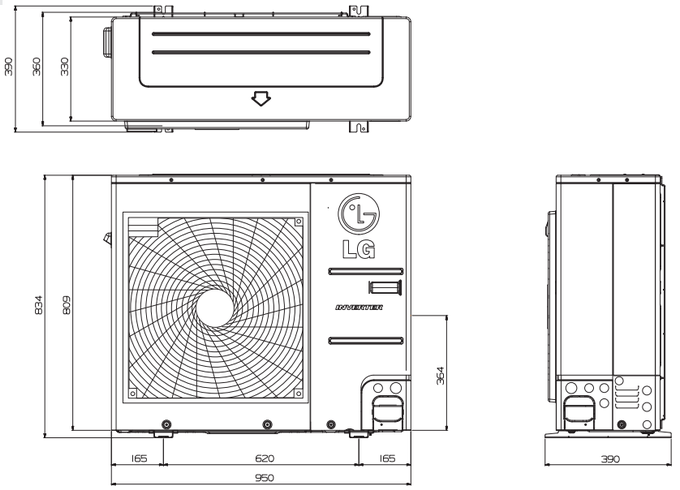
UU18WH UE1



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

(Unit:mm)

UU21WH U41 UU24W U42
UU24WH U41 UU30W U42



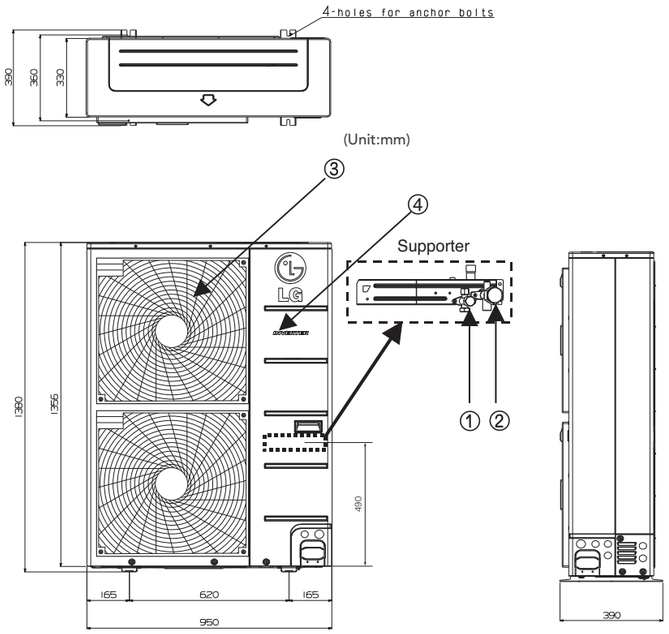
No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw

(Unit:mm)

DIMENSIONS _ UNIVERSAL OUTDOOR

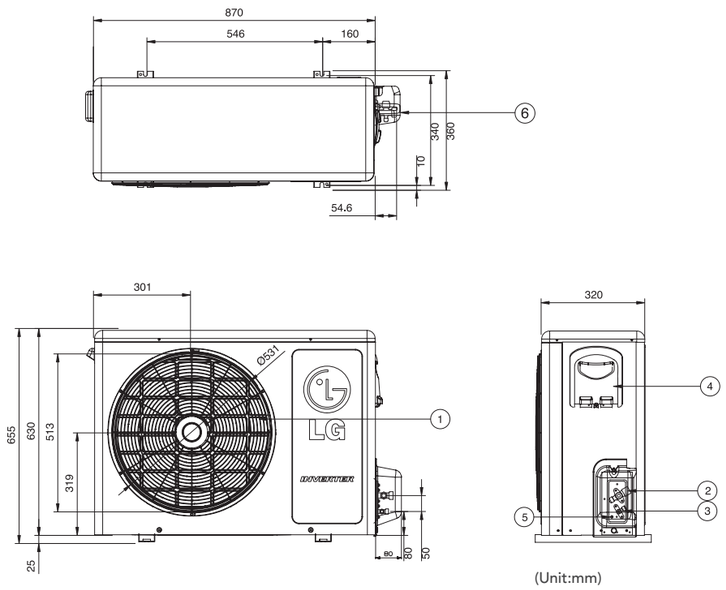
UU36WH U31 UU37WH U31
UU42WH U31 UU43WH U31
UU48WH U31 UU49WH U31

UU42W U32 UU43W U32
UU48W U32 UU49W U32
UU60W U32 UU61W U32



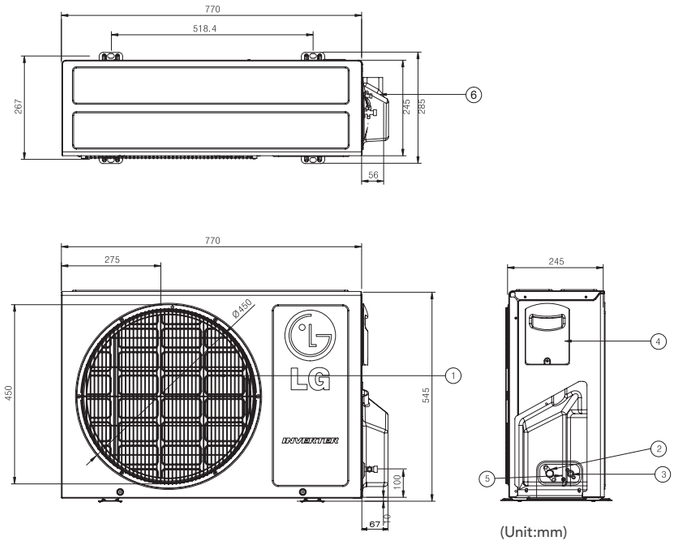
No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection

UU18W UE2
UU12WH UE1



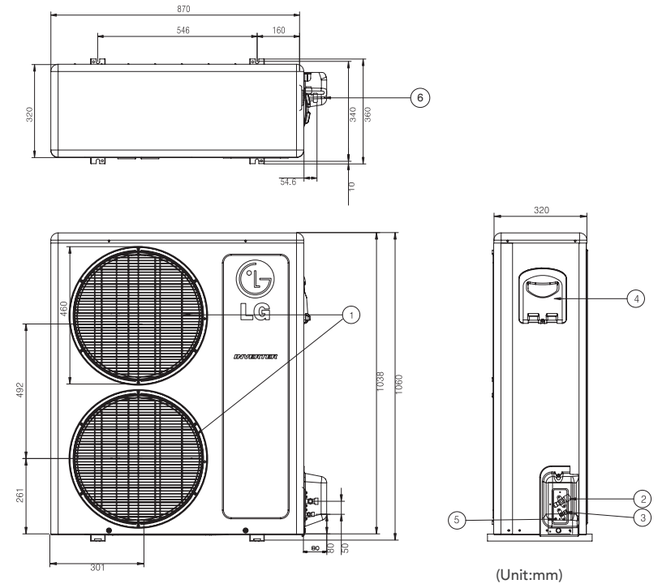
No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

UU09W ULD
UU12W ULD



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

UU36W U02
UU37W U02

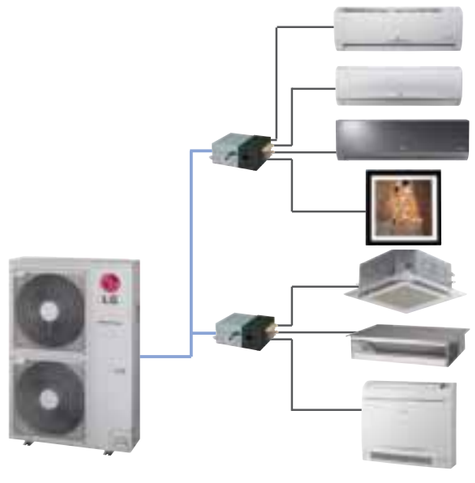


LG Commercial Air Conditioners
2012 MULTI Model Line-up

Wide Range

LG Multi systems provide various indoor units and outdoor units up to 16.7kW. More than 2,000 types of combinations are available using 15 outdoor units and 41 indoor units

Type / kW	Multi Piping	Max. Indoor units	Phase	Combination Sample
4.1	MU2M15 UL2	2	1ø	
4.7	MU2M17 UL2	2	1ø	
5.3	MU3M19 UE2	3	1ø	
6.2	MU3M21 UE2	3	1ø	
7.0	MU4M25 U42	4	1ø	
7.9	MU4M27 U42	4	1ø	
8.8	MU5M30 U42	5	1ø	
11.7	MU5M40 UH0	5	1ø	

Type / kW	DB Box Type	Max. Indoor units	Phase	Combination Sample
9.7	FM37AH UE0	6	3ø	
11.7	FM40AH UH5	7	1ø	
13.5	FM41AH U33	7	3ø	
15.5	FM48AH U33 FM49AH U33	8	1ø 3ø	
16.7	FM56AH U33 FM57AH U33	9	1ø 3ø	

Free Combination with Various Indoor Types

ART COOL Mirror Note : *indicates color of panel_Mirror(R),Silver(V), White(W)
ART COOL Panel Note : *indicates color of panel_Silver(V) Red(E) Gold(G) White Silver(H),Gallery(1)

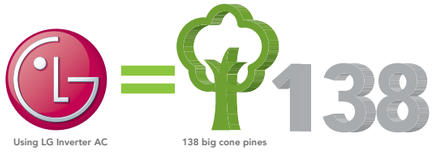
Type / kBtu/kW	Wall Mounted Type	Ceiling Cassette Type	Ceiling Concealed Duct Type	Console	Ceiling & Floor Type
5/1.5	Standard MS05SQ NW0	4-way MT06AH NR0			
7/2.1	Deluxe MS07AQ NB0 ART COOL Mirror MS07AW* NB0 Standard MS07SQ NW0	4-way MT08AH NR0			
9/2.6	Deluxe MS09AQ NB0 ART COOL Mirror MS09AW* NB0 ART COOL Gallery MA09AH1 NF1 Standard MS09SQ NB0 ART COOL Panel MA09AH* NF1	1-way MT09AH NU1 4-way CT09 NR2	Slim Duct MB09AHL N12	CQ09 NA0	CV09 NE2
12/3.5	Deluxe MS12AQ NB0 ART COOL Mirror MS12AW* NB0 ART COOL Gallery MA12AH1 NF1 Standard MS12SQ NB0 ART COOL Panel MA12AH* NF1	1-way MT11AH NU1 4-way CT12 NR2	Slim Duct MB12AHL N12	CQ12 NA0	CV12 NE2
18/5.3	Deluxe MS18AQ NC0 ART COOL Mirror MS18AW* NC0 Standard MS18SQ NC0	4-way CT18 NQ2	Slim Duct MB18AHL N22 High CB18 NH2	CQ18 NA0	CV18 NJ2
24/7.0	Deluxe MS24AQ NC0 ART COOL Mirror MS24AW* NC0 Standard MS24SQ NC0	4-way CT24 NP2	Slim Duct MB24AHL N22 High CB24 NH2		CV24 NJ2

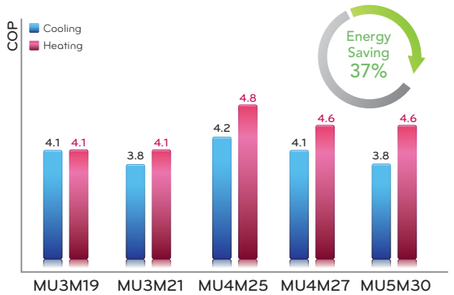
HIGH EFFICIENCY MULTI

Top Class Energy Efficiency

In 2012 LG BLDC Compressor is applied to all Multi inverter models, with high efficiency heat exchanger.

Using LG inverter Air conditioning is equivalent to planting 138 pine trees.





1) KFRI(Korea Forest Research Institute) calculated based on annual power save.
   (Assumption : Using AC 4hr/day, 365days)
2) Energy saving 37% was compared with LG Non-inverter model

Powerful BLDC Compressor

The LG inverter air conditioner comes with a BLDC compressor that uses a strong neodymium magnet. Its compressor thus has improved efficiency compared with the AC inverter and it is optimized for SEER

1. Minimized Oil circulation
2. High Efficiency Motor
3. Optimize Compression Eff.
4. Optimize Vibration, Noise
5. High Reliability

*Distributed winding : Except Multi F 9.7kW, All Multi F DX ODU
*Concentrated winding : Only for Multi F 4.7~8.8kW ODU

Distributed winding

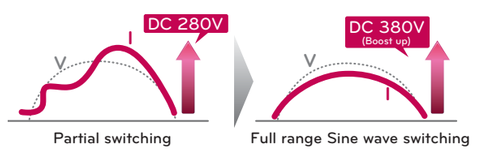
Concentrated winding

Inverter Technology

With the advancement of Inverter technology, it comes to be more silent, economical and powerful air conditioning systems. The LG air conditioner is manufactured based on the PFC and the sine wave technology. It makes possible to down noise level, be better efficiency, minimize compressor vibration and wider operation range.

Step-up Inverter by the PFC & the Sine Wave Control Technology
(PFC : Power Factor Correction) compared to conventional.

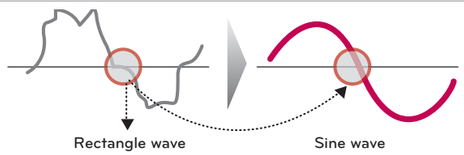
PFC (Power Factor Correction) Control in Power Input



*V : Input voltage *I : Input electric current

The operating voltage is increased from DC 280V to DC 380 V. This means that at high load conditions, there will be less energy consumption while at low load conditions the energy consumption.

Sine wave Control in BLDC Compressor

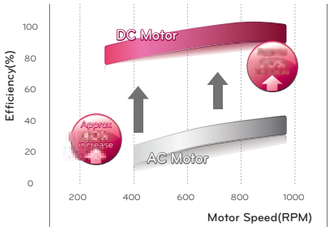


With sinusoidal wave function of the voltage, the sine wave makes the function more soft and efficient.

BLDC Fan Technology

The LG BLDC offers additional energy saving in operating mode 35% at full velocity compared to AC motor.

BLDC Fan Motor



Reduced Sound Level

Grille shape changed

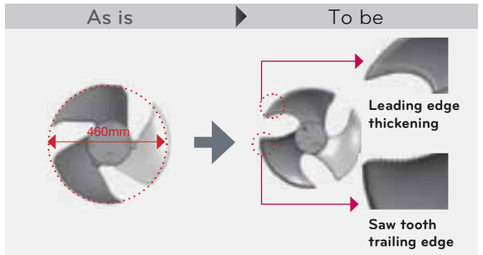
The new grille shape design of the outdoor unit helps outlet airflow improvement so it increases heat exchange efficiency and reduces noise levels.

Axial Fan

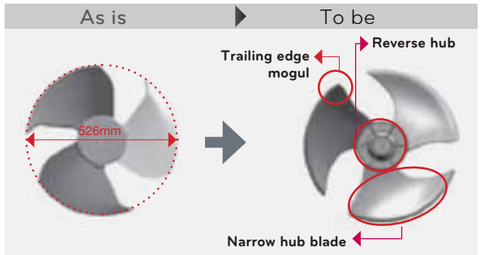
The new axial fan shape has a thickening front edge and smooth rear edge provides high efficiency with low noise and a wide fan wing width. High Air flow rate and increasing fan operation efficiency are also improved.

Grille shape changed

Type 1



Type 2

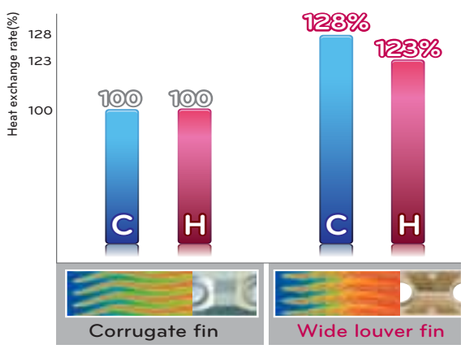


*Except Multi 2.5kW, 3.5kW ODU

Wide Louver tech

To maximize touched area of fin and air, to reduce heat exchange loss.

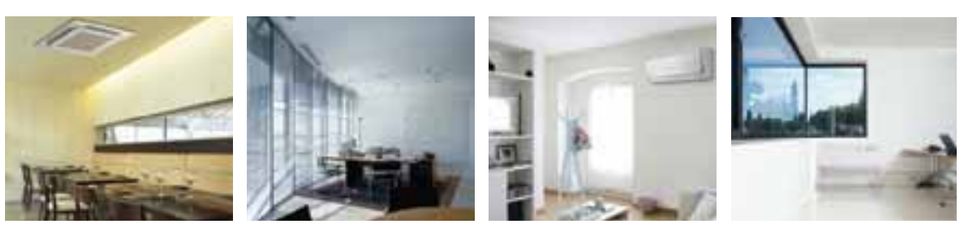
- Improved heat exchange rate by max 28%
- Anti-corrosion treatment (Gold fin)



HIGH EFFICIENCY MULTI

The Variety of Various Combination

For Reference Sites



Restaurant | Office | House | Building

Available from 1.5kW

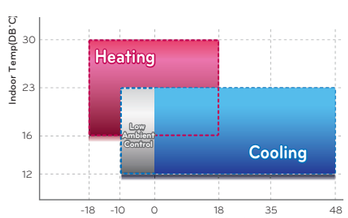
As building walls are becoming thicker due to construction regulation, insulation is improved which LG can provide efficient solution to small spaces.

Wide Operating Range

When cooling computer rooms and other rooms in the event of low outdoor temperature, the BLDC inverter compressor and outdoor BLDC fan motor are used to adjust the air flow and volume, with a view to ensuring efficient operation by allowing the air conditioner to keep operating at -10°C without turning it off.

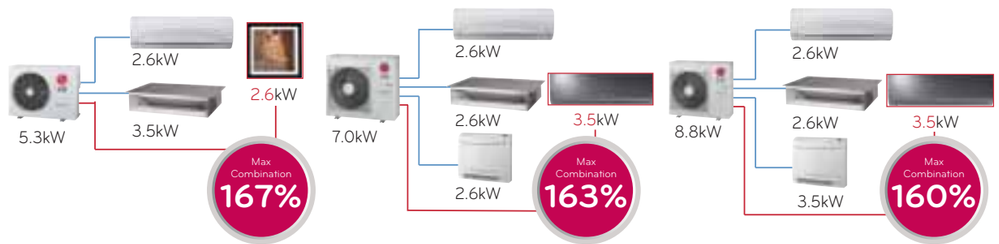
Cooling mode
Indoor Temp : WB / Outdoor Temp : DB

Heating mode
Indoor Temp : DB / Outdoor Temp : WB



* Exclude Multi 9.7kW, All Multi F DX ODU

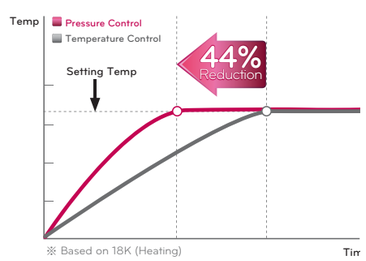
Indoor Capacity Combination



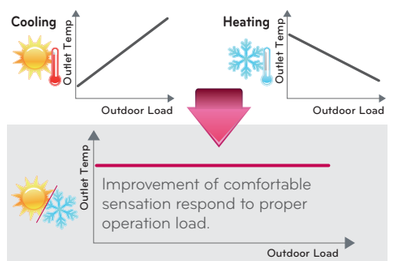
Optimized Pressure Control

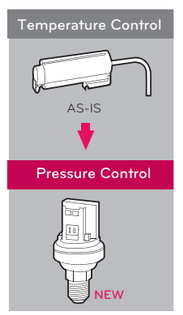
By sensing refrigerant pressure, it takes less time to reach setting temperature compared to the conventional sensing temperature control. Also, it is not affected by temperature, which can be operated -10°C in cooling mode.

• Shorten time to reach setting Temp.



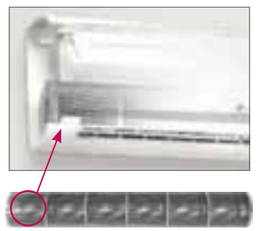
• Supply to stable Cooling&Heating



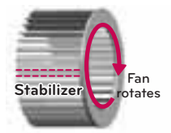


Skew Fan Technology

Minimal noise. Enhanced stillness. LG's new advanced indoor air conditioner units grant you just the peace of mind you long for.

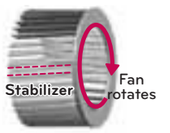


Conventional Fan



When the fan rotates, the stabilizer and the fan blade are in parallel (= the contact of lines)
→Instantaneous pressure change is great.

Skew Fan



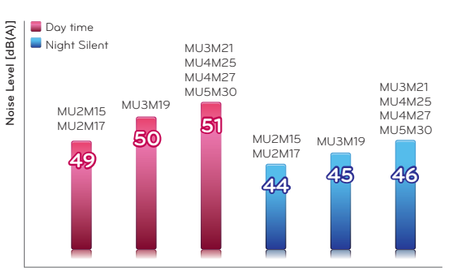
When the fan rotates, the stabilizer and the fan blade are not in parallel (= the contact of points)
→ Instantaneous pressure change is small.

Night Quiet Operation

With changing the PCB settings, the night sound levels can be adjusted at lower value. This is how we can provide night quite and comfortable operation.

	Day time	Night Silent Mode
MU2M15	49	44
MU2M17	49	44
MU3M19	50	45
MU3M21	51	46
MU4M25	51	46
MU4M27	51	46
MU5M30	51	46

Noise Level [dB(A)]



Long & High Elevation Piping

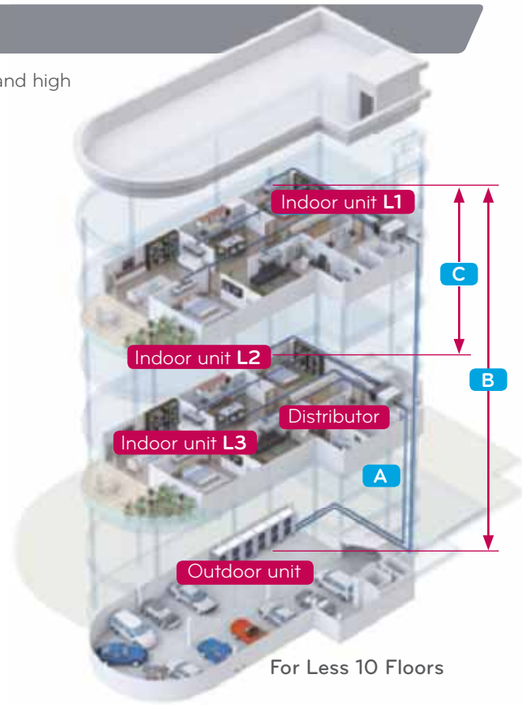
Especially, FM56AH supports up to 145m piping length and high elevation up to 30m for more flexibility in installation.

*Multiple Piping Type

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

*Distributor Box Type

Piping Length(m)	FM40AH	FM48AH	FM56AH
Total Pipe (A+L1+L2+L3)	100	135	145
Main Pipe (A)	50	55	55
Total Branch Pipe (L1+L2+L3)	50	80	90
Each Branch Pipe	15	15	15
Allowable Elevation			
Indoor-Outdoor (B)	30	30	30
Indoor-Indoor (C)	15	15	15

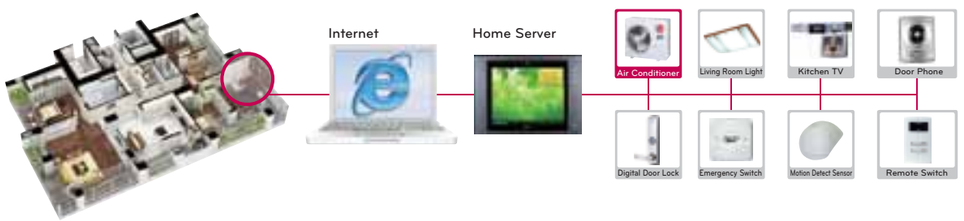


For Less 10 Floors

LG MV

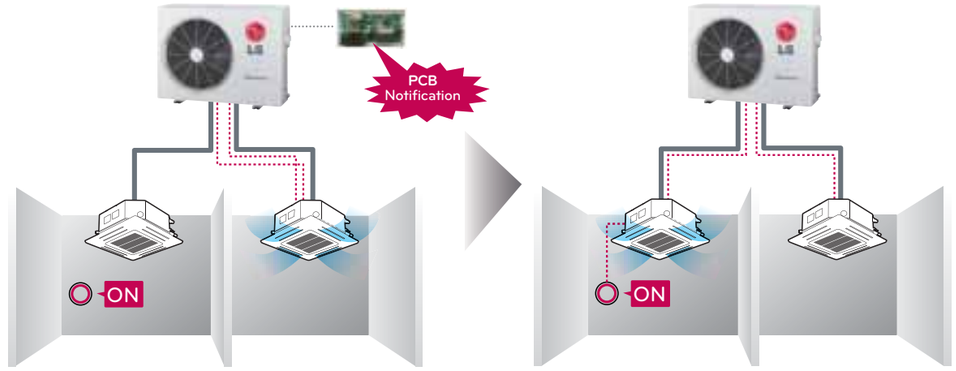
- Easy start-up, easy trouble shooting
- Monitoring the normality of all parts such as compressor, fan, valve, etc

Available to link with home network



Wiring Error Check

Installers can check whether if the transmission cable has been connected correctly without any errors with the wiring error check function, from the PCB.



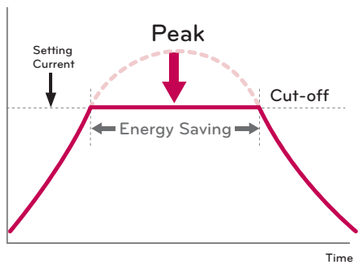
This function can be operated only Multi F 4.7~8.8kW ODU.
More detailed information, please refer to the installation manual or PDB.

Tool downsizing / Tool compact

Tool downsizing(MU3M19, MU3M21), Easy installation & SVC, Saving Installation space

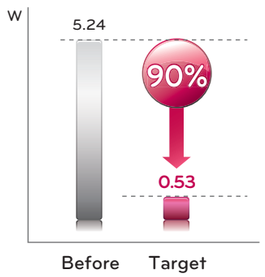
Peak Current Control

Peak control function maintains the current setting of air conditioning, limiting its performance under maximum level, to save cost and energy.



Lower Standby Power Technology

Monitoring PCB to cut the ODU power supply efficiently, for power saving up to 90%.
(Only for Multi F 4.1~8.8kW ODU)

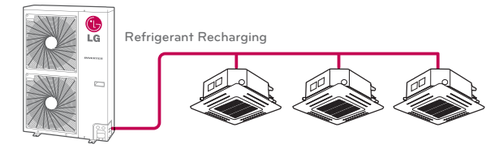


* Based on MU3M19.UE2

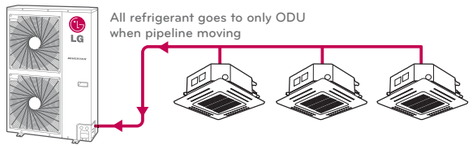
HIGH EFFICIENCY MULTI

Forced Cooling Operation

In the winter time, to maximize heating capacity high density of refrigerant is essential. Forced Cooling Operation Mode make cooling operation by force to charge refrigerant. Moreover this function can be adapted when move and fix the IDU.



1) Charging Refrigerant



2) Pump Down

Compatible Indoor units

Cassette, Duct, Convertible models can be compatible between SCAC and Multi

Cassette
: CT09.NR2, CT12.NR2, CT18.NQ2, CT24.NP2

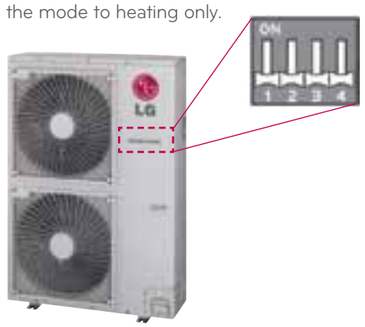
Duct
: CB18.NH2, CB24.NH2

Convertible
: CV09.NE2, CV12.NE2, CV18.NJ2, CV24.NJ2

Console
: CQ09.NA0, CQ12.NA0, CQ18. NA0

Mode Lock

By adjusting PCB dip switch, installers can change the mode to heating only.

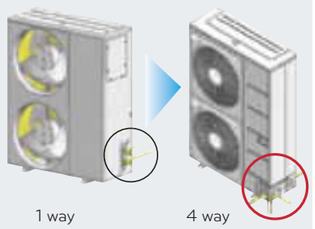


Easy Service

Easy & efficient installation of outdoor unit will provide the best solution for small offices and shops.

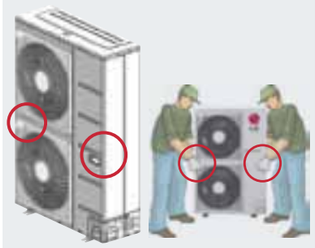
1. Inner SVC valve

- 4 Way piping is possible
  (Front, Rear, Right, Down)
- Excellent exterior



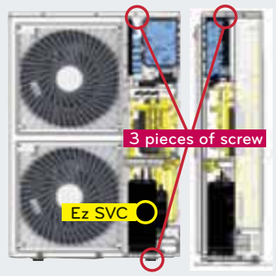
2. Convenient handle

- Handles allow for easier transportation and installation



3. Compact Design & Ez SVC

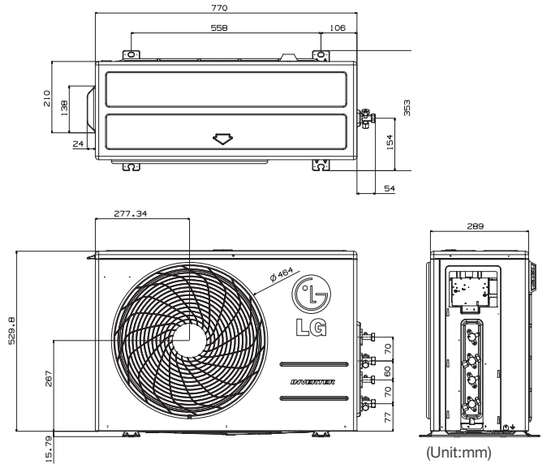
- Remove 3 pieces of screw for SVC
- Front panel removal system



HIGH
EFFICIENCY
AND
RELIABILITY

OUTDOOR UNIT

MU2M15 / MU2M17



(Unit:mm)

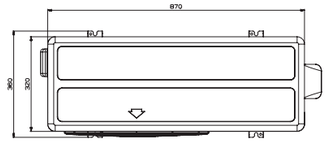
Specifications

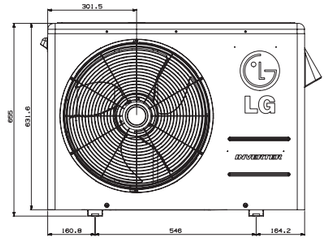
*To be updated when launched

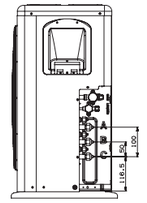
Multi Outdoor Unit				MU2M15 UL2	MU2M17 UL2
Compressor	Type			Twin Rotary	Twin Rotary
Capacity	Cooling	Min	kW	0.9	1.0
		Nom	kW	4.1	4.7
		Max	kW	4.7	5.1
	Heating	Min	kW	0.7	0.9
		Nom	kW	4.7	5.3
		Max	kW	5.3	5.7
Power Input	Cooling	Min	kW	0.1	0.1
		Nom	kW	1.0	1.3
		Max	kW	1.3	1.8
	Heating	Min	kW	0.1	0.2
		Nom	kW	1.1	1.3
		Max	kW	1.3	1.7
Running Current	Cooling	Min	A	1.5	1.5
		Nom	A	4.5	5.9
		Max	A	8.8	8.8
	Heating	Min	A	1.8	1.8
		Nom	A	5.3	6.6
		Max	A	8.8	8.8
Circuit Breaker			A	15	15
EER				4.00	3.70
COP				4.30	4.00
SEER				6.50	6.30
Energy Label	Cooling/Heating			A/A	A/A
Annual Energy Consumption	Cooling		kWh	539	641
Air Flow Rate			m^3/min	28.2	28.2
Sound Pressure			dBA	49	49
Sound Power	Cooling		dBA	58	58
Dimension		W*H*D	mm	770*545*288	770*545*288
Net weight			kg	40	40
Refrigerant	Type			R410A	R410A
	Charge		g	1300	1300
Additional Refrigerant charge			g/m	20	20
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			N x mm^2	3 × 2.5	3 × 2.5
Transmission cable			N x mm^2	4 × 0.75	4 × 0.75
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	Ø6.35	Ø6.35
			inch	Ø1/4	Ø1/4
	Gas		mm	Ø9.52	Ø9.52
			inch	Ø3/8	Ø3/8

Notes:
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. Minimum combination capacity rate should be more than 40%.

MU3M19 / MU3M21







(Unit:mm)

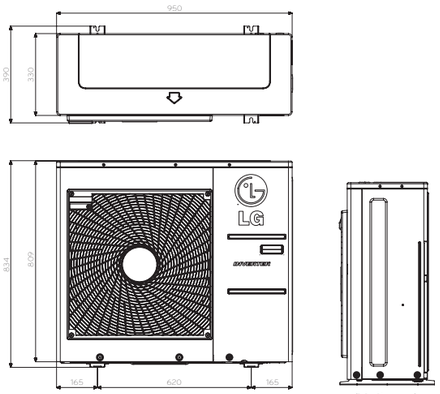
Specifications

*To be updated when launched

Multi Outdoor Unit				MU3M19 UE2	MU3M21 UE2
Compressor	Type			Twin Rotary	Twin Rotary
Capacity	Cooling	Min	kW	1.4	1.3
		Nom	kW	5.3	6.2
		Max	kW	6.3	7.3
	Heating	Min	kW	1.4	1.1
		Nom	kW	6.3	7.0
		Max	kW	7.3	7.8
Power Input	Cooling	Min	kW	0.1	0.1
		Nom	kW	1.3	1.6
		Max	kW	2.5	2.9
	Heating	Min	kW	0.2	0.2
		Nom	kW	1.5	1.7
		Max	kW	2.5	3.0
Running Current	Cooling	Min	A	0.7	1.2
		Nom	A	6.0	6.6
		Max	A	11.0	12.7
	Heating	Min	A	1.4	1.7
		Nom	A	7.0	7.4
		Max	A	11.0	12.8
Circuit Breaker			A	20	20
EER				4.10	3.80
COP				4.10	4.10
SEER				6.80	6.30
Energy Label	Cooling/Heating			A/A	A/A
Annual Energy Consumption	Cooling		kWh	680	870
Air Flow Rate			m^3/min	50	50
Sound Pressure			dBA	50	51
Sound Power	Cooling		dBA	62	62
Dimension		W*H*D	mm	870*655*320	870*655*320
Net weight			kg	45	46
Refrigerant	Type			R410A	R410A
	Charge		g	1700	1800
Additional Refrigerant charge			g/m	20	20
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			N x mm^2	3 × 2.5	3 × 2.5
Transmission cable			N x mm^2	4 × 0.75	4 × 0.75
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	Ø6.35	Ø6.35
			inch	Ø1/4	Ø1/4
	Gas		mm	Ø9.52	Ø9.52
			inch	Ø3/8	Ø3/8

Notes:
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. Minimum combination capacity rate should be more than 40%.

MU4M25 / MU4M27 / MU5M30



(Unit:mm)

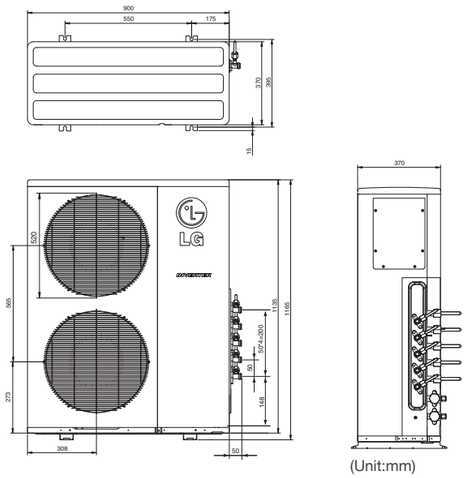
Specifications

*To be updated when launched

Multi Outdoor Unit				MU4M25 U42	MU4M27 U42	MU5M30 U42
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity	Cooling	Min	kW	1.9	1.9	1.9
		Nom	kW	7.0	7.9	8.8
		Max	kW	8.5	9.5	10.6
	Heating	Min	kW	2.2	2.2	2.2
		Nom	kW	8.4	9.1	10.1
		Max	kW	9.4	10.6	12.1
Power Input	Cooling	Min	kW	0.7	0.7	0.7
		Nom	kW	1.7	1.9	2.3
		Max	kW	3.1	3.1	3.2
	Heating	Min	kW	0.9	0.9	0.9
		Nom	kW	1.8	2.0	2.2
		Max	kW	3.1	3.7	3.9
Running Current	Cooling	Min	A	3.1	3.1	3.1
		Nom	A	7.1	8.4	10.1
		Max	A	13.4	13.5	13.7
	Heating	Min	A	3.8	3.8	3.8
		Nom	A	7.7	8.8	9.6
		Max	A	16.0	16.0	16.8
Circuit Breaker			A	25	25	25
EER				4.20	4.10	3.80
COP				4.80	4.60	4.60
SEER				6.80	7.00	7.40
Energy Label	Cooling/Heating			A/A	A/A	A/A
Annual Energy Consumption	Cooling		kWh	1100	1220	1320
Air Flow Rate			m^3/min	60	60	60
Sound Pressure			dBA	51	51	51
Sound Power	Cooling		dBA	62	62	62
Dimension		W*H*D	mm	950*834*330	950*834*330	950*834*330
Net weight			kg	66	66	67
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3200	3200	3200
Additional Refrigerant charge			g/m	20	20	20
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			N x mm²	3 × 2.5	3 × 2.5	3 × 2.5
Transmission cable			N x mm²	4 × 0.75	4 × 0.75	4 × 0.75
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		mm	Ø6.35	Ø6.35	Ø6.35
			inch	Ø1/4	Ø1/4	Ø1/4
	Gas		mm	Ø9.52	Ø9.52	Ø9.52
			inch	Ø3/8	Ø3/8	Ø3/8

Notes:
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. Minimum combination capacity rate should be more than 40%.

MU5M40



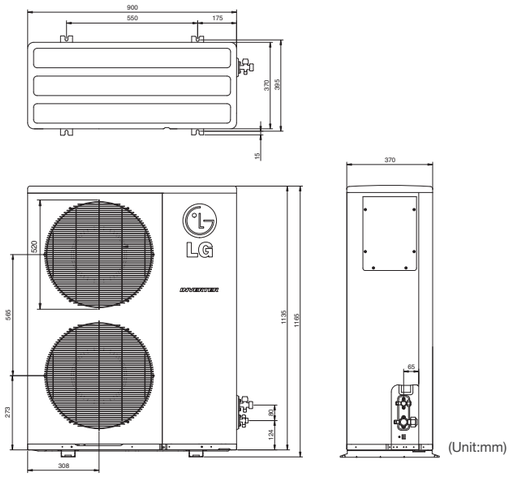
(Unit:mm)

Specifications

Multi Outdoor Unit				MU5M40 UH0
Compressor	Type			Twin-Rotary
Capacity	Cooling	Min	kW	2.8
		Nom	kW	11.7
		Max	kW	13.5
	Heating	Min	kW	3.2
		Nom	kW	13.5
		Max	kW	15.0
Power Input	Cooling	Min	kW	1.1
		Nom	kW	3.6
		Max	kW	4.7
	Heating	Min	kW	1.4
		Nom	kW	3.7
		Max	kW	4.8
Running Current	Cooling	Min	A	6.2
		Nom	A	16.0
		Max	A	20.0
	Heating	Min	A	6.9
		Nom	A	16.4
		Max	A	20.5
Circuit Breaker			A	30
EER				3.22
COP				3.70
SEER				
Energy Label	Cooling/Heating			A/A
Annual Energy Consumption	Cooling		kWh	
Air Flow Rate			m^3/min	106
Sound Pressure			dBA	58
Sound Power	Cooling		dBA	
Dimension		W*H*D	mm	900 x 1,165 x 370
Net weight			kg	95
Refrigerant	Type			R410A
	Charge		g	4,000
Additional Refrigerant charge			g/m	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 46
	Heating	Min~Max	°C WB	-18 ~ 18
Power Supply			Ø/V/Hz	1 / 220~240 / 50
Power Supply Cable			N x mm²	3 x 3.5 (Including Earth)
Transmission cable			N x mm²	4 x 0.75 (Including Earth)
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	Ø6.35 x 5EA
			inch	Ø1/4 x 5EA
	Gas		mm	Ø9.52 x 5EA
			inch	Ø3/8 x 5EA

Notes:
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. Minimum combination capacity rate should be more than 40%.

FM40AH



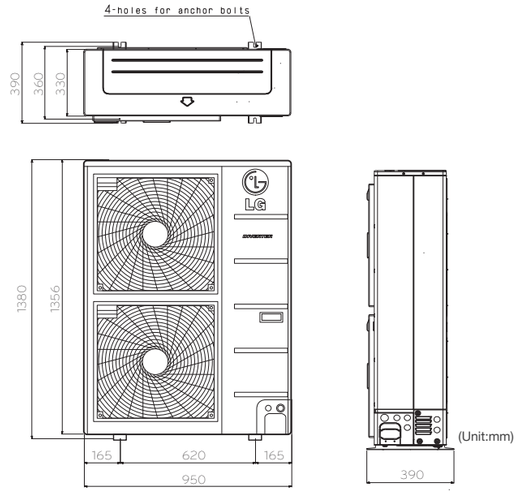
(Unit:mm)

Specifications

Multi Outdoor Unit				FM40AH UH5
Compressor	Type			Twin-Rotary
Capacity	Cooling	Min	kW	2.8
		Nom	kW	11.7
		Max	kW	13.5
	Heating	Min	kW	3.2
		Nom	kW	13.5
		Max	kW	15.0
Power Input	Cooling	Min	kW	1.1
		Nom	kW	3.6
		Max	kW	4.7
	Heating	Min	kW	1.4
		Nom	kW	3.7
		Max	kW	4.8
Running Current	Cooling	Min	A	6.2
		Nom	A	16.0
		Max	A	20.0
	Heating	Min	A	6.9
		Nom	A	16.4
		Max	A	20.5
Circuit Breaker			A	30
EER				3.22
COP				3.70
SEER				
Energy Label	Cooling/Heating			A/A
Annual Energy Consumption	Cooling		kWh	
Air Flow Rate			m^3/min	106
Sound Pressure			dBA	58
Sound Power	Cooling		dBA	
Dimension		W*H*D	mm	900 x 1,165 x 370
Net weight			kg	95
Refrigerant	Type			R410A
	Charge		g	4,000
Additional Refrigerant charge			g/m	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 46
	Heating	Min~Max	°C WB	-18 ~ 18
Power Supply			Ø/V/Hz	1 / 220~240 / 50
Power Supply Cable			N x mm^2	3 x 3.5(Including Earth)
Transmission cable	ODU-BD		N x mm^2	4 x 1.25(Including Earth)
	BD-IDU		N x mm^2	4 x 0.75(Including Earth)
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
			inch	Ø3/8
	Gas		mm	Ø19.05
			inch	Ø3/4

Notes:
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 - Main piping 5m, Branch piping 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. Minimum combination capacity rate should be more than 40%.

FM48AH / FM56AH



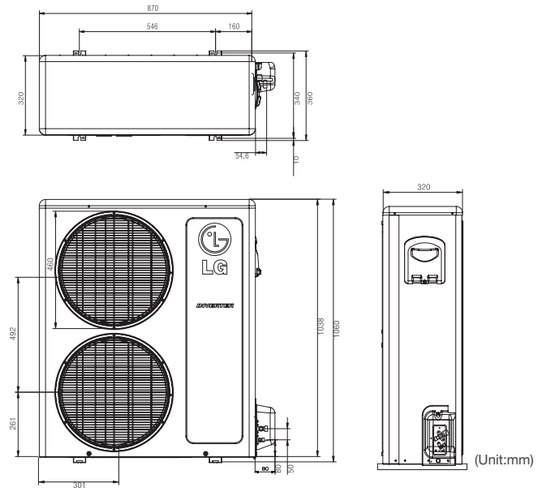
(Unit:mm)

Specifications

Multi Outdoor Unit				FM48AH U33	FM56AH U33
Compressor	Type			Twin-Rotary	Twin-Rotary
Capacity	Cooling	Min	kW	3.3	4.0
		Nom	kW	15.5	16.7
		Max	kW	17.0	18.5
	Heating	Min	kW	3.7	4.5
		Nom	kW	16.4	17.9
		Max	kW	17.3	18.8
Power Input	Cooling	Min	kW	0.8	1.0
		Nom	kW	4.7	5.0
		Max	kW	5.4	5.7
	Heating	Min	kW	1.3	1.3
		Nom	kW	4.4	4.6
		Max	kW	5.6	5.7
Running Current	Cooling	Min	A	3.9	4.6
		Nom	A	21.1	21.7
		Max	A	23.2	24.0
	Heating	Min	A	6.9	7.4
		Nom	A	22.6	22.4
		Max	A	25.0	26.0
Circuit Breaker			A	40	40
EER				3.30	3.37
COP				3.70	3.87
SEER					
Energy Label	Cooling/Heating			A/A	A/A
Annual Energy Consumption	Cooling		kWh		
Air Flow Rate			m^3/min	120	120
Sound Pressure			dBA	55	56
Sound Power	Cooling		dBA		
Dimension		W*H*D	mm	950 x 1,380 x 330	950 x 1,380 x 330
Net weight			kg	108	108
Refrigerant	Type			R410A	R410A
	Charge		g	4800	4800
Additional Refrigerant charge			g/m	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 46	-10 ~ 46
	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			N x mm^2	3 x 4.0(Including Earth)	3 x 4.0(Including Earth)
Transmission cable	ODU-BD		N x mm^2	4 x 1.25(Including Earth)	4 x 1.25(Including Earth)
	BD-IDU		N x mm^2	4 x 0.75(Including Earth)	4 x 0.75(Including Earth)
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	30	15
Piping elevation difference	IDU-ODU	Max	m	30	30
	IDU-IDU	Max	m	15	15
Piping connection	Liquid		mm	Ø9.52	Ø9.52
			inch	Ø3/8	Ø3/8
	Gas		mm	Ø19.05	Ø19.05
			inch	Ø3/4	Ø3/4

Notes:
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 - Main piping 5m, Branch piping 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. Minimum combination capacity rate should be more than 40%.

FM37AH



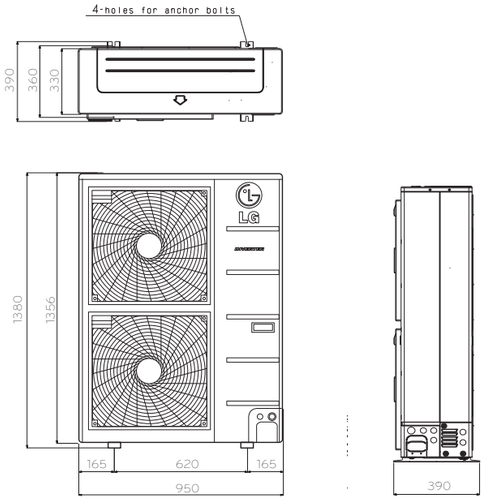
(Unit:mm)

Specifications

Multi Outdoor Unit				FM37AH UE0
Compressor	Type			Twin rotary
Capacity	Cooling	Min	kW	6.3
		Nom	kW	9.7
		Max	kW	10.8
	Heating	Min	kW	6.7
		Nom	kW	11.1
		Max	kW	12.3
Power Input	Cooling	Min	kW	1.8
		Nom	kW	3.0
		Max	kW	3.5
	Heating	Min	kW	1.8
		Nom	kW	3.1
		Max	kW	3.5
Running Current	Cooling	Min	A	3.4
		Nom	A	5.4
		Max	A	6.0
	Heating	Min	A	3.5
		Nom	A	5.4
		Max	A	6.1
Circuit Breaker			A	20
EER				3.22
COP				3.64
SEER				
Energy Label	Cooling/Heating			A/A
Annual Energy Consumption	Cooling		kWh	
Air Flow Rate			m^3/min	64
Sound Pressure			dBA	51
Sound Power	Cooling		dBA	
Dimension		W*H*D	mm	870 x 1,060 x 320
Net weight			kg	80
Refrigerant	Type			R410A
	Charge		g	2,800
Additional Refrigerant charge			g/m	25
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 46
	Heating	Min~Max	°C WB	-18 ~ 18
Power Supply			Ø/V/Hz	1 / 220~240 / 50
Power Supply Cable			N x mm^2	5 x 2.5
Transmission cable	ODU-BD		N x mm^2	4 x 1.25 (Including Earth)
	BD-IDU		N x mm^2	4 x 0.75 (Including Earth)
Max Piping Length	Total Piping (Main+Total Branch)		m	100
	Main Piping		m	40
	Total Branch Piping		m	60
	Each Branch Piping		m	20
Piping elevation difference	IDU-ODU	Max	m	30
	IDU-IDU	Max	m	15
Piping connection	Liquid		mm	Ø6.35
			inch	Ø1/4
	Gas		mm	Ø15.88
			inch	Ø5/8

Notes:
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 - Main piping 5m, Branch piping 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. Minimum combination capacity rate should be more than 40%.

FM41AH / FM49AH / FM57AH



(Unit:mm)

Specifications

Multi Outdoor Unit				FM41AH U33	FM49AH U33	FM57AH U33
Compressor	Type			Twin-Rotary	Twin-Rotary	Twin-Rotary
Capacity	Cooling	Min	kW	2.8	3.3	4.0
		Nom	kW	13.5	15.5	16.7
		Max	kW	14.1	17.0	18.5
	Heating	Min	kW	3.2	3.7	4.5
		Nom	kW	14.1	16.4	17.9
		Max	kW	15.2	17.3	18.8
Power Input	Cooling	Min	kW	0.8	0.9	1.0
		Nom	kW	4.0	4.6	4.9
		Max	kW	4.9	5.4	5.7
	Heating	Min	kW	0.9	1.1	1.5
		Nom	kW	3.9	4.5	4.6
		Max	kW	5.1	5.2	5.7
Running Current	Cooling	Min	A	1.5	1.8	2.3
		Nom	A	7.2	8.0	8.1
		Max	A	8.1	8.4	9.1
	Heating	Min	A	1.7	2.1	2.5
		Nom	A	7.5	7.5	8.0
		Max	A	8.0	8.3	8.7
Circuit Breaker			A	20	20	20
EER				3.38	3.37	3.40
COP				3.62	3.69	3.93
SEER						
Energy Label	Cooling/Heating			A/A	A/A	A/A
Annual Energy Consumption	Cooling		kWh			
Air Flow Rate			m^3/min	120	120	120
Sound Pressure			dBA	55	55	56
Sound Power	Cooling		dBA			
Dimension		W*H*D	mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net weight			kg	108	108	108
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	4,800	4,800	4,800
Additional Refrigerant charge			g/m	20	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 46	-10 ~ 46	-10 ~ 46
	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			N x mm^2	5 x 2.5(including earth)	5 x 2.5(including earth)	5 x 2.5(including earth)
Transmission cable	ODU-BD		N x mm^2	4 x 1.25(including earth)	4 x 1.25(including earth)	4 x 1.25(including earth)
	BD-IDU		N x mm^2	4 x 0.75(including earth)	4 x 0.75(including earth)	4 x 0.75(including earth)
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	Ø9.52	Ø9.52
			inch	Ø3/8	Ø3/8	Ø3/8
	Gas		mm	Ø19.05	Ø19.05	Ø19.05
			inch	Ø3/4	Ø3/4	Ø3/4

Notes:
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 - Main piping 5m, Branch piping 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. Minimum combination capacity rate should be more than 40%.

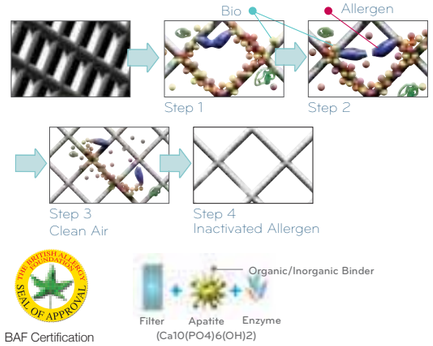
INNOVATIVE TECHNOLOGY FOR ABSOLUTE COMFORT AND CONVENIENCE

INDOOR UNIT

LG 4-way protection system

Filtering_Virus & Allergy Safe Filter

Filter consists of enzyme that breaks down allergen, apatite, and organic/inorganic binder that attaches the enzyme to the filter. When the air passes the filter, allergen clings to the filter and like tiny pairs of scissors the enzymes cut allergen's protein to deactivate the allergen.



Deodorizing_Triple Filter

The triple filter consists of three specialized filters to reduce the symptoms associated with various organic compounds including formaldehyde.
It also has the ability to remove unpleasant odors creating a more comfortable environment.

- Red filter removes stench in daily life such as smoke, fish-stink, food-smelling and foot-stink.
- Black filter removes the odor of construction ingredient such as formaldehyde.
- Blue filter removes the chemical substances such as a smell of fresh paint.

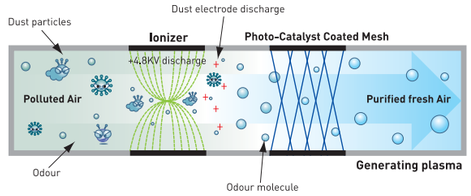
❶ VOC filter removes odor and hazardous VOCs that is discharged from household materials made with chemical substances (carpet, paint, cleaners, furniture, etc.) (VOC= Volatile Organic Chemical)

❷ Formaldehyde filter cuts off formaldehyde, a leading cause of new-house syndrome, and prevents dermatitis, vomiting, and pneumonia

❸ Common odor filter removes ordinary odors that cause migraine and chronic fatigue

Eliminating_Plasma Filter

The plasma air purifying system was initially developed by LG not only reduction of microscopic contaminants and dust, but also removal of house mites, micro dust, and pet fur in order to reduce allergy and asthma symptoms.



Auto Cleaning

A main cause of air conditioner odors is mould and bacteria that breed in the heat exchanger. The auto clean function dries the wet heat exchanger to help prevent mould and bacteria from breeding thus significantly reducing the old rag smell and saves you from frequent cleaning.

Dries the evaporator with soft, low-noise wind and removes remaining moisture. Press "Auto Clean" and the function starts after cooling operation.

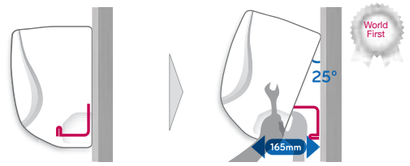
Removes the source of mold once again with neo plasma plus system.
In 30 minutes, "Auto Clean" dries the inner part of air conditioners' indoor unit.

MULTI SPLIT_ WALL MOUNTED TYPE

Quick & Easy installation

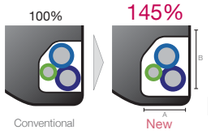
Installation support clip

Installation support clip makes installation easier



Bigger tubing space

Wider installation space can make you installation much easier.



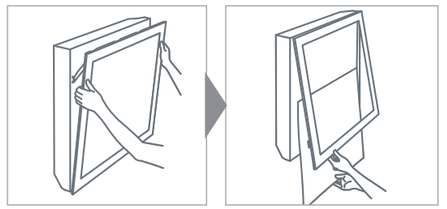
	LG	Co.A	Co.B	Co.C
A(mm)	67.7	50.0	60.0	45.0
B(mm)	72.0	80.0	70.0	70.0
%	116%	95%	100%	75%

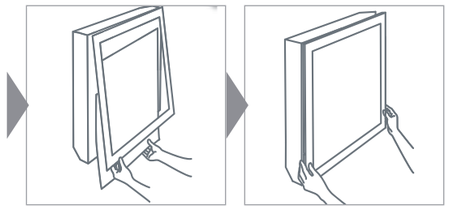
Photo Changeable

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

Sample

Pictures are easily changeable at anytime with your own pictures/photos.





Various Indoor Units

Capacity (kW)	1.5	2.1	2.6	3.5	5.3	7
Wall Mounted Deluxe		MS07AQ NB0	MS09AQ NB0	MS12AQ NB0	MS18AQ NC0	MS24AQ NC0
Wall Mounted Standard	MS05SQ NW0	MS07SQ NW0	MS09SQ NB0	MS12SQ NB0	MS18SQ NC0	MS24SQ NC0
ART COOL Mirror		MS07AW* NB0	MS09AW* NB0	MS12AW* NB0	MS18AW* NC0	MS24AW* NC0
ART COOL Gallery			MA09AH1 NF1	MA12AH1 NF1		
ART COOL Panel			MA09AH* NF1	MA12AH* NF1		

ART COOL Mirror Note : *indicates color of panel
Mirror(R),Silver(V), White(W)
ART COOL Panel Note : *indicates color of panel
Silver(V) Red(E) Gold(G) White Silver(H),Gallery(1)

Specifications

*To be updated when launched

Multi Indoor Unit				MS07AQ NB0	MS09AQ NB0	MS12AQ NB0	MS18AQ NC0	MS24AQ NC0
Capacity	Cooling/Heating	Nom	kW	2.1/2.3	2.6/2.9	3.5/3.9	5.3/5.8	6.7/7.5
Running Current			A	0.1	0.2	0.2	0.3	0.3
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		Low	m^3/min	4.6	6.0	8.5	8.2	10.2
		Medium	m^3/min	5.0	6.5	9.0	10.0	12.5
		High	m^3/min	5.6	7.0	9.5	12.0	14.2
Sound Pressure		Low	dBA	25	27	31	28	36
		Medium	dBA	28	30	36	33	39
		High	dBA	31	33	39	37	42
Sound Power	Cooling		dBA					
Dehumidification Rate			l/h	0.9	1.1	1.2	1.9	2.6
Dimension	Body	W*H*D	mm	895*289*210	895*289*210	895*289*210	1030*325*250	1030*325*250
Net weight	Body		kg	11	11	11	17	17
Piping connection	Liquid		mm	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35
			inch	Ø1/4	Ø1/4	Ø1/4	Ø1/4	Ø1/4
	Gas		mm	Ø9.52	Ø9.52	Ø9.52	Ø12.7	Ø12.7
			inch	Ø3/8	Ø3/8	Ø 3/8	Ø1/2	Ø1/2

*To be updated when launched

Multi Indoor Unit				MS05SQ NW0	MS07SQ NW0	MS09SQ NB0	MS12SQ NB0	MS18SQ NC0	MS24SQ NC0
Capacity	Cooling/Heating	Nom	kW	1.5/1.6	2.1/2.3	2.6/2.9	3.5/3.9	5.3/5.8	6.7/7.5
Running Current			A	0.1	0.1	0.2	0.2	0.3	0.3
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	1 / 220~240 / 50
Air Flow Rate		Low	m^3/min	4.6	4.6	6.0	8.5	8.2	10.2
		Medium	m^3/min	5.0	5.0	6.5	9.0	10.0	12.5
		High	m^3/min	5.6	5.6	7.0	9.5	12.0	14.2
Sound Pressure		Low	dBA	26	26	27	31	28	36
		Medium	dBA	29	29	30	36	33	39
		High	dBA	32	32	33	39	37	42
Sound Power	Cooling		dBA						
Dehumidification Rate			l/h	0.9	0.9	1.1	1.2	1.9	2.6
Dimension	Body	W*H*D	mm	756*265*184	756*265*184	895*289*215	895*289*215	1030*325*250	1030*325*250
Net weight	Body		kg	8.4	8.4	11	11	17	17
Piping connection	Liquid		mm	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35
			inch	Ø1/4	Ø1/4	Ø1/4	Ø1/4	Ø1/4	Ø1/4
	Gas		mm	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø12.7	Ø12.7
			inch	Ø3/8	Ø3/8	Ø3/8	Ø3/8	Ø1/2	Ø1/2

*To be updated when launched

Multi Indoor Unit				MS07AW* NB0	MS09AW* NB0	MS12AW* NB0	MS18AW* NC0	MS24AW* NC0
Capacity	Cooling/Heating	Nom	kW	2.1/2.3	2.6/2.9	3.5/3.9	5.3/5.8	6.7/7.5
Running Current			A	0.1	0.2	0.2	0.3	0.3
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		Low	m^3/min	4.6	6.0	8.5	8.2	10.2
		Medium	m^3/min	5.0	6.5	9.0	10.0	12.5
		High	m^3/min	5.6	7.0	9.5	12.0	14.2
Sound Pressure		Low	dBA	25	27	31	28	36
		Medium	dBA	28	30	36	33	39
		High	dBA	31	33	39	37	42
Sound Power	Cooling		dBA					
Dehumidification Rate			l/h	0.9	1.1	1.2	1.9	2.6
Dimension	Body	W*H*D	mm	895*289*205	895*289*205	895*289*205	1030*325*245	1030*325*245
Net weight	Body		kg	10	10	10	15.5	15.5
Piping connection	Liquid		mm	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35
			inch	Ø1/4	Ø1/4	Ø1/4	Ø1/4	Ø1/4
	Gas		mm	Ø9.52	Ø9.52	Ø9.52	Ø12.7	Ø12.7
			inch	Ø3/8	Ø3/8	Ø3/8	Ø1/2	Ø1/2

Multi Indoor Unit				MA09AH1 NF1	MA12AH1 NF1	MA09AH* NF1	MA12AH* NF1
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9	2.6/2.9	3.5/3.9
Running Current			A	0.1	0.1	0.1	0.1
Power Supply			Ø / V / Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
Air Flow Rate		Low	m^3/min	4.4	5.6	4.4	5.6
		Medium	m^3/min	5.9	7.3	5.9	7.3
		High	m^3/min	7.7	8.9	7.7	8.9
Sound Pressure		Low	dBA	27	32	27	32
		Medium	dBA	32	38	32	38
		High	dBA	38	44	38	44
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	1.2	1.4	1.2	1.4
Dimension	Body	W*H*D	mm	600 x 600 x 145	600 x 600 x 145	600 x 600 x 145	600 x 600 x 145
Net weight	Body		kg	15.0	15.0	15.0	15.0
Piping connection	Liquid		mm	Ø6.4	Ø6.4	Ø6.4	Ø6.4
			inch	Ø1/4	Ø1/4	Ø1/4	Ø1/4
	Gas		mm	Ø9.5	Ø9.5	Ø9.5	Ø9.5
			inch	Ø3/8	Ø3/8	Ø3/8	Ø3/8

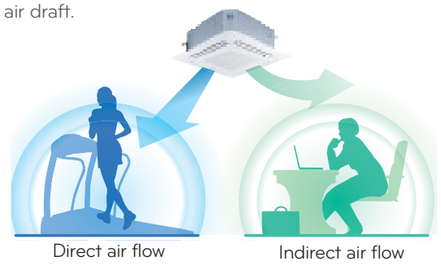
Note : Due to our policy of innovation some specifications may be changed without notification.

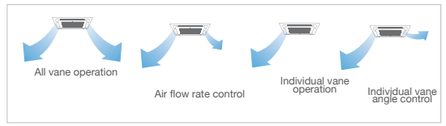
Wide jet Air Flow

Improved wide vanes reduce dead bands and provide better air and temperature distribution.

Independent Vane Operation

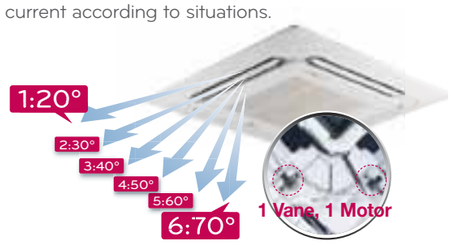
Vane angle control satisfies both users who like direct wind or indirect wind and also reduces cold air draft.





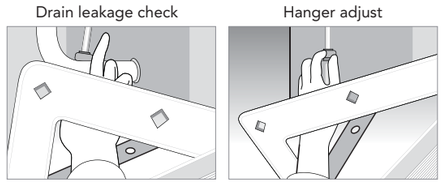
Automatic Louver angle Control

One motor per vane is adopted to control each of four vane independently, freely controlling air current according to situations.



Detachable Corner Panels

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



One Touch Panel

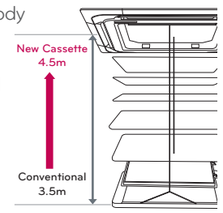
The attachable/detachable corner design makes it easy to adjust the hanger during installation and to check leakage in the drain connection pipe.

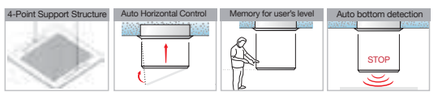
Auto Elevation Grille(Accessory : PTEGM0)

Easy filter cleaning with elevation grille

- Installed inside main body
- Auto horizontal level
- 4 points support
- Memory for user's level
- Max. 4.5m length

* Pls refer to the PDB for available model





Various Indoor Units

Capacity (kW)	1.5	2.1	2.6	3.5	5.3	7
1-Way Cassette Type			MT09AH NU1	MT11AH NU1		
4-Way Cassette Type	MT06AH NR0	MT08AH NR0	CT09 NR2	CT12 NR2	CT18 NQ2	CT24 NP2

Specifications

*To be updated when launched

Multi Indoor Unit _ 1way				MT09AH NU1	MT11AH NU1
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9
Running Current			A	0.2	0.2
Power Supply			Ø / V / Hz	1 / 220~240 / 50	1 / 220~240 / 50
Air Flow Rate		Low	m^3/min	6.8	7.0
		Medium	m^3/min	7.3	7.4
		High	m^3/min	7.5	8.1
Sound Pressure		Low	dBA	32	33
		Medium	dBA	34	36
		High	dBA	36	37
Sound Power	Cooling		dBA		
Dehumidification Rate			l/h	1.1	1.2
Dimension	Body	W*H*D	mm	860*132*450	860*132*450
Net weight	Body		kg	13.5	13.5
Piping connection	Liquid		mm	Ø6.35	Ø6.35
			inch	Ø1/4	Ø1/4
	Gas		mm	Ø9.52	Ø9.52
			inch	Ø3/8	Ø3/8
Decoration Panel	Model			PT-UUC1	PT-UUC1
	Color			Morning Fog	Morning Fog
	Dimensions	H*D*W	mm	1100*500*34	1100*500*34
	Weight		kg	4.4	4.4

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

Multi Indoor Unit _ 4way				MT06AH NR0	MT08AH NR0
Capacity	Cooling/Heating	Nom	kW	1.5/1.6	2.1/2.3
Running Current			A	0.4	0.4
Power Supply			Ø / V / Hz	1 / 220~240 / 50	1 / 220~240 / 50
Air Flow Rate		Low	m^3/min	5.0	5.0
		Medium	m^3/min	6.0	6.0
		High	m^3/min	7.5	7.5
Sound Pressure		Low	dBA	24	24
		Medium	dBA	27	27
		High	dBA	31	31
Sound Power	Cooling		dBA		
Dehumidification Rate			l/h	0.8	1.0
Dimension	Body	W*H*D	mm	570 x 214 x 570	570 x 214 x 570
Net weight	Body		kg	14	14
Piping connection	Liquid		mm	Ø6.35	Ø6.35
			inch	Ø1/4	Ø1/4
	Gas		mm	Ø9.52	Ø9.52
			inch	Ø3/8	Ø3/8
Decoration Panel	Model			PT-UQC	PT-UQC
	Color			Morning Fog	Morning Fog
	Dimensions	H*D*W	mm	700 x 22 x 700	700 x 22 x 700
	Weight		kg	3	3

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

*CT09, CT12, CT18, CT24 can be compatible between SCAC and Multi.
*To be updated when launched

Multi Indoor Unit _ 4way				CT09 NR2	CT12 NR2	CT18 NQ2	CT24 NP2
Capacity	Cooling/Heating	Nom	kW	2.5/3.0	3.4/4.0	4.7/5.5	7.1/8.0
Running Current			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		Low	m^3/min	6.0	7.0	11.0	13.0
		Medium	m^3/min	7.0	8.0	12.0	15.0
		High	m^3/min	8.5	9.5	13.0	17.0
Sound Pressure		Low	dBA	30	32	36	34
		Medium	dBA	33	35	39	37
		High	dBA	36	38	41	39
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	1.4	1.7	2.4	2.1
Dimension	Body	W*H*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	14	15	21
Piping connection	Liquid		mm	Ø6.35	Ø6.35	Ø6.35	Ø9.52
			inch	Ø1/4	Ø1/4	Ø1/4	Ø3/8
	Gas		mm	Ø9.52	Ø9.52	Ø12.7	Ø15.88
			inch	Ø3/8	Ø3/8	Ø1/2	Ø5/8
Decoration Panel	Model			PT-UQC	PT-UQC	PT-UQC	PT-UMC
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	H*D*W	mm	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	950 x 25 x 950
	Weight		kg	3	3	3	5

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

MULTI SPLIT_ CEILING CONCEALED DUCT TYPE

Natural Interior

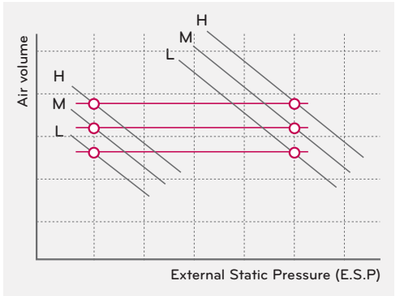
Dignified and elegant interior to hide product inside ceiling.

Linear E.S.P. Control

Air volume and sound kept as design regardless of duct resistance using this technology , you can

- Optimize duct work Installation
- Keep capacity & sound level as desired
- Simplify model numbers

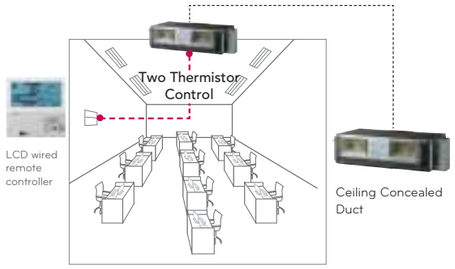
The phase control motor technology gives benefit of saving money to Installer.



*E.S.P is easily controlled by remote controller
*More detailed information, please refer to the PDB.

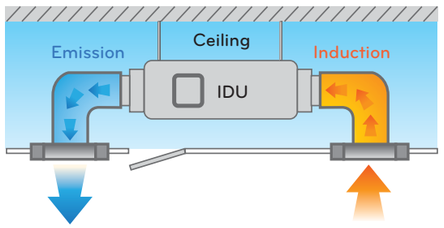
Two Thermistor Control

There may be a significant difference between the temperature taken at the installed product and indoor temperature. Two thermistor control provides option to control temperature by referring any of the two temperature. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.



Maximum 9 rooms operation

Due to installation of spiral duct (Embedding or flexible type) and stream chamber, it's possible to operate for several rooms simultaneously.



Various Indoor Units

Capacity (kW)	2.6	3.5	5.3	7.0
Slim Duct	MB09AHL N12	MB12AHL N12	MB18AHL N22	MB24AHL N22
High Static Duct			CB18 NH2	CB24 NH2

Specifications

Multi Indoor Unit _ Slim Duct				MB09AHL N12	MB12AHL N12	MB18AHL N22	MB24AHL N22
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9	5.3/5.8	7.0/7.4
Running Current			A	1.0	1.0	1.6	1.6
Power Supply			Ø / V / Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
Air Flow Rate		Low	m^3/min	6.5	7.5	11.5	13.5
		Medium	m^3/min	7.5	8.5	13.5	15.0
		High	m^3/min	8.5	9.5	15.0	17.0
Sound Pressure		Low	dBA	25	26	29	32
		Medium	dBA	26	31	31	34
		High	dBA	31	33	34	36
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	1	1.2	2	2.5
Dimension	Body	W*H*D	mm	820 x 190 x 575	820 x 190 x 575	1,100 x 190 x 575	1,100 x 190 x 575
Net weight	Body		kg	20.5	20.5	26.5	27.0
Piping connection	Liquid		mm	Ø6.35	Ø6.35	Ø6.35	Ø6.35
			inch	Ø1/4	Ø1/4	Ø1/4	Ø1/4
	Gas		mm	Ø9.52	Ø9.52	Ø12.70	Ø12.70
			inch	Ø3/8	Ø3/8	Ø1/2	Ø1/2
External Static Pressure			mmAq	4	4	4	4

*CB18, CB24 can be compatible between SCAC and Multi.
*To be updated when launched

Multi Indoor Unit _ High Static				CB18 NH2	CB24 NH2
Capacity	Cooling/Heating	Nom	kW	5.0/6.0	7.1/8.0
Running Current			A	1.6	1.6
Power Supply			Ø / V / Hz	1 / 220~240 / 50	1 / 220~240 / 50
Air Flow Rate		Low	m^3/min	13.0	14.0
		Medium	m^3/min	14.5	16.5
		High	m^3/min	16.5	18.0
Sound Pressure		Low	dBA	32	34
		Medium	dBA	34	36
		High	dBA	36	38
Sound Power	Cooling		dBA		
Dehumidification Rate			l/h	2.0	2.5
Dimension	Body	W*H*D	mm	880 x 260 x 450	880 x 260 x 450
Net weight	Body		kg	35.0	35.0
Piping connection	Liquid		mm	Ø6.35	Ø9.52
			inch	Ø1/4	Ø3/8
	Gas		mm	Ø12.7	Ø15.9
			inch	Ø1/2	Ø5/8
External Static Pressure			mmAq	8	8

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

MULTI SPLIT_ CEILING & FLOOR TYPE

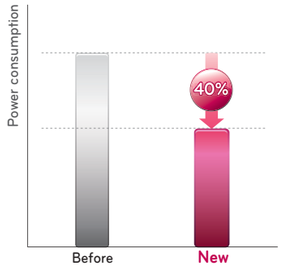
Flexible Installation

The ceiling and floor model can be installed either ceiling or floor. So you can save the space when you install this units on your shop or office.

*Floor is only for 2.6, 3.5kW

High Efficiency BLDC Motor

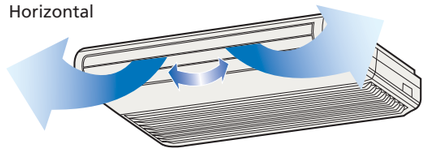
Reducing the power consumption, it makes motor efficiency higher than the current models.



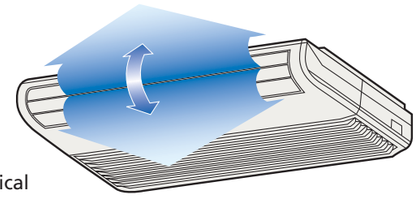
Airflow Direction Control

Horizontal Airflow Direction Control.
Adjust the horizontal airflow direction by manually moving the horizontal airflow direction louver by hand.

Horizontal



Vertical Airflow Direction Control
The airflow direction can be adjusted as desired by using the remote controller.



Vertical

Various Indoor Units

Capacity (kW)	2.6	3.5	5.3	7.0
	CV09 NE2	CV12 NE2	CV18 NJ2	CV24 NJ2

Specifications

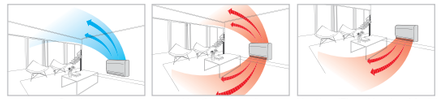
*CV09, CV12, CV18, CV24 can be compatible between SCAC and Multi.
*To be updated when launched

Multi Indoor Unit_Ceiling & Floor				CV09 NE2	CV12 NE2	CV18 NJ2	CV24 NJ2
Capacity	Cooling/Heating	Nom	kW	2.5/3.0	3.3/3.8	4.8/5.1	7.0/7.6
Running Current			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		Low	m^3/min	6.2	6.6	10.4	11.9
		Medium	m^3/min	6.9	7.6	11.4	12.9
		High	m^3/min	7.6	9.2	12.4	13.9
Sound Pressure		Low	dBA	32	31	39	41
		Medium	dBA	35	36	40	43
		High	dBA	38	40	42	44
Sound Power	Cooling		dBA				
Dehumidification Rate			l/h	1.2	1.2	1.6	1.9
Dimension	Body	W*H*D	mm	900 x 200 x 490	900 x 200 x 490	950 x 650 x 220	950 x 650 x 220
Net weight	Body		kg	13.7	13.7	24.6	24.6
Piping connection	Liquid		mm	Ø6.35	Ø6.35	Ø6.35	Ø9.52
			inch	Ø1/4	Ø1/4	Ø1/4	Ø3/8
	Gas		mm	Ø9.52	Ø9.52	Ø12.70	Ø15.88
			inch	Ø3/8	Ø3/8	Ø1/2	Ø5/8

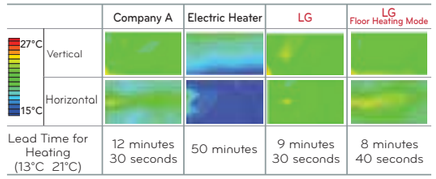
CONSOLE TYPE

Comfort Air Flow

•Different air flow of cooling & heating
For cooling, the vane is adjusted upwards to let the cold air travel up. As for heating, the vane sends the heated air downwards to balance room temperature specially for floor.



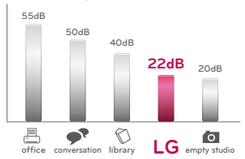
•Quick floor heating
Console air conditioners can operate faster to provider more powerful performance. The results is to attain the desired temperature much faster in floor heating mode than conventional air conditioners.



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

• EZ vane tap control

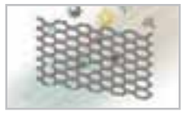
•Quiet operation (22dB)



Healthy Air (3 stage air filter system)

1st Advanced pre filter :
The antibacterial pre-filter primarily reduces large dust, mould and quilt dust.

2nd Allergy Filter :
Filter consists of enzyme that breaks down allergen, apatite, and organic/inorganic binder that attaches the enzyme to the filter. When the air passes the filter, allergen clings to the filter and like tiny pairs of scissors the enzymes cut allergen's protein to deactivate the allergen.



3rd Plasma Ion Generator :
The sterilized ion generating system, Ion Generator, emits around 1.2 million ions, and catches hazardous substances floating in the air, therefore proactively looking for and catching germs.

Various Indoor Units

Capacity (kW)	2.6	3.5	5.3
	CQ09 NA0	CQ12 NA0	CQ18 NA0

Specifications

*CQ09, CQ12, CQ18 can be compatible between SCAC and Multi.

Multi Indoor Unit_Console				CQ09 NA0	CQ12 NA0	CQ18 NA0
Capacity	Cooling/Heating	Nom	kW	2.6/3.1	3.5/4.0	4.6/4.8
Running Current			A	0.6	0.6	0.6
Power Supply			Ø / V / Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
Air Flow Rate		Low	m^3/min	5.0	5.2	7.2
		Medium	m^3/min	6.7	6.9	8.6
		High	m^3/min	8.5	9.0	10.1
Sound Pressure		Low	dBA	27	27	35
		Medium	dBA	32	32	39
		High	dBA	38	39	44
Sound Power	Cooling		dBA			
Dehumidification Rate			l/h	1.2	1.4	2.0
Dimension	Body	W*H*D	mm	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210
Net weight	Body		kg	13.8	13.8	13.8
Piping connection	Liquid		mm	Ø6.35	Ø6.35	Ø6.35
			inch	Ø1/4	Ø1/4	Ø1/4
	Gas		mm	Ø9.52	Ø9.52	Ø12.7
			inch	Ø3/8	Ø3/8	Ø1/2

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

Distributor Box

PMBD3620, PMBD3630, PMBD3640

Easy Installation with Various Distributor Box

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)
- Consists of EEV inside it
- 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

Specifications_Distributors

Model			PMBD3620	PMBD3630	PMBD3640
Connectable Indoor Units	Number of Indoor Units		1~2	1~3	1~4
	Capacity	Btu/h	5k/7k/9k/12k/18k/24k	5k/7k/9k/12k/18k/24k	5k/7k/9k/12k/18k/24k
Power Source		ø/V/Hz	1, 50, 220~240	1, 50, 220~240	1, 50, 220~240
Power Consumption		W	10	10	10
Runing Current		A	0.05	0.05	0.05
Dimensions	W*H*D	mm(inch)	302×143×252(11.9×5.6×9.9)	302×143×252(11.9×5.6×9.9)	302×143×252(11.9×5.6×9.9)
Net Weight		kg/lb	4.8/10.6	4.9/10.8	5/11
Piping Connection (To Outdoor Unit)	Liquid	mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas	mm(inch)	Ø19.05(3/4)	Ø19.05(3/4)	Ø19.05(3/4)
Piping Connection (To Indoor Unit)	Liquid	mm(inch)	Ø6.35(1/4)×2EA	Ø6.35(1/4)×3EA	Ø6.35(1/4)×4EA
	Gas	mm(inch)	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.

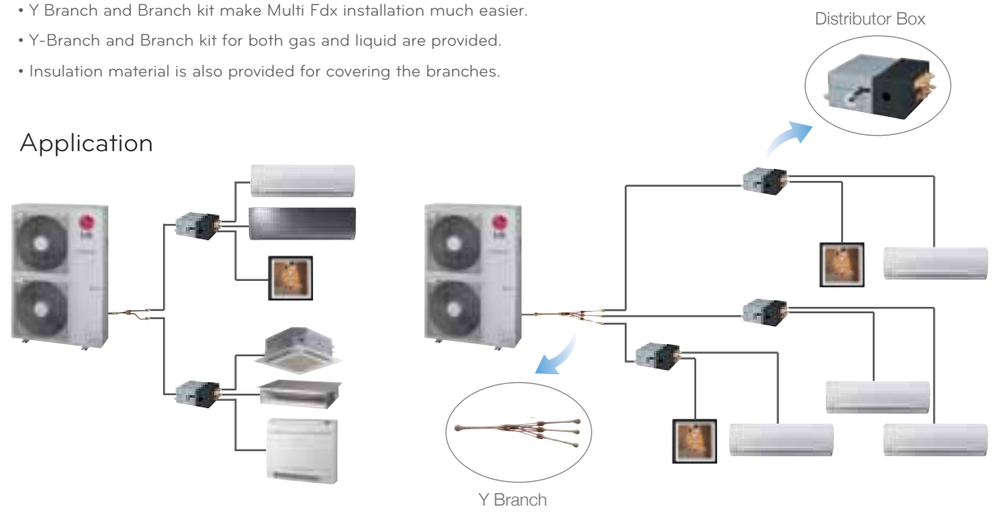
Y Branch and Branch Kit

PMBL3620 / PMBL5620 (2units) / PMBL1203F0 (3units)

Features

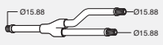
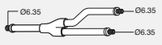
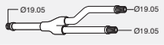
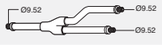
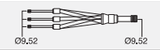
- Y Branch and Branch kit make Multi Fdx installation much easier.
- Y-Branch and Branch kit for both gas and liquid are provided.
- Insulation material is also provided for covering the branches.

Application



Accessory model name

(Unit : mm)

Model Name	No. of BD units	Applicable Model	Specification	
			Gas	Liquid
PMBL3620	2 units	Only 3ø, 36k Btu/h	 Ø15.88 Ø15.88 Ø15.88	 Ø6.35 Ø6.35 Ø6.35
PMBL5620	2 units	1ø, 3ø	 Ø19.05 Ø19.05 Ø19.05	 Ø9.52 Ø9.52 Ø9.52
PMBL1203F0	3 units	1ø, 3ø	Ø19,05	 Ø9,52 Ø9,52

COMBINATION TABLE _MULTI

MU2M15 UL2

Operation	Combination (kBtu/h)			Cooling										
	Each Capacity (kW)			Total Capacity								Input (W)		
						Min		Rating		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5	-	5	1.5	-	4,600	1.3	5,000	1.5	6,000	1.8	380	500	580
	7	-	7	2.1	-	4,600	1.3	7,000	2.1	8,400	2.5	380	500	665
	9	-	9	2.6	-	5,400	1.6	9,000	2.6	1,0800	3.2	514	660	905
	12	-	12	3.5	-	7,200	2.1	12,000	3.5	14,400	4.2	703	1, 000	1,498
2 Unit	5	5	10	1.5	1.5	6,000	1.8	10,000	2.9	12,000	3.5	784	800	1,187
	5	7	12	1.5	2.1	7,200	2.1	12,000	3.5	14,400	4.2	784	950	1,406
	5	9	14	1.5	2.6	8,400	2.5	14,000	4.1	16,000	4.7	784	1,080	1,700
	5	12	17	1.2	2.9	8,400	2.5	14,000	4.1	16,000	4.7	784	1,080	1,700
	7	7	14	2.1	2.1	8,400	2.5	14,000	4.1	15,500	4.5	784	1,080	1,700
	7	9	16	1.8	2.3	8,400	2.5	14,000	4.1	15,800	4.6	784	1,080	1,700
	9	9	18	2.1	2.1	8,400	2.5	14,000	4.1	16,000	4.7	784	1,080	1,700
	7	12	19	1.5	2.6	8,400	2.5	14,000	4.1	16,000	4.7	784	1,080	1,700
	9	12	21	1.8	2.3	8,400	2.5	14,000	4.1	16,000	4.7	784	1,080	1,700

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 24 k Btu/h 4. At least two indoor units should be connected.

MU2M15 UL2

Operation	Combination (kBtu/h)			Heating										
	Each Capacity (kW)			Total Capacity								Input (W)		
						Min		Rating		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5	-	5	1.6	-	4,800	1.4	5,500	1.6	6,325	1.9	450	750	860
	7	-	7	2.5	-	5,300	1.6	8,400	2.5	9,660	2.8	450	850	980
	9	-	9	3.2	-	6,480	1.9	10,800	3.2	12,420	3.6	541	1,190	1,500
	12	-	12	3.9	-	7,920	2.3	13,200	3.9	14,400	4.2	757	1,460	1,650
2 Unit	5	5	10	1.6	1.6	6,600	1.9	11,000	3.2	12,650	3.7	744	800	1,100
	5	7	12	1.6	2.5	8,340	2.4	13,900	4.1	15,985	4.7	744	990	1,400
	5	9	14	1.7	3.0	9,600	2.8	16,000	4.7	17,400	5.1	744	1,120	1,800
	5	12	17	1.4	3.3	9,600	2.8	16,000	4.7	17,400	5.1	744	1,120	1,800
	7	7	14	2.3	2.3	9,600	2.8	16,000	4.7	17,400	5.1	744	1,120	1,800
	7	9	16	2.1	2.6	9,600	2.8	16,000	4.7	17,500	5.1	730	1,120	1,800
	9	9	18	2.3	2.3	9,600	2.8	16,000	4.7	17,600	5.2	730	1,120	1,800
	7	12	19	1.7	3.0	9,600	2.8	16,000	4.7	17,800	5.2	730	1,120	1,800
	9	12	21	2.0	2.7	9,600	2.8	16,000	4.7	18,000	5.3	730	1,120	1,800

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 24 k Btu/h 4. At least two indoor units should be connected.

MU2M17 UL2

Operation	Combination (kBtu/h)			Cooling										
	Each Capacity (kW)			Total Capacity								Input (W)		
						Min		Rating		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5	-	5	1.5	-	4,600	1.3	5,000	1.5	6,000	1.8	380	380	500
	7	-	7	2.1	-	4,600	1.3	7,000	2.1	8,400	2.5	380	430	670
	9	-	9	2.6	-	5,400	1.6	9,000	2.6	10,800	3.2	514	600	900
	12	-	12	3.5	-	7,200	2.1	12,000	3.5	14,400	4.2	703	935	1,430
2 Unit	5	5	10	1.5	1.5	6,000	1.8	10,000	2.9	11,500	3.4	714	725	1,090
	5	7	12	1.5	2.1	7,200	2.1	12,000	3.5	13,800	4.0	784	930	1,370
	5	9	14	1.5	2.6	8,400	2.5	14,000	4.1	16,100	4.7	784	1,160	1,690
	5	12	17	1.4	3.3	9,600	2.8	16,000	4.7	18,000	5.3	784	1,370	1,830
	7	7	14	2.1	2.1	8,400	2.5	14,000	4.1	16,800	4.9	784	1,200	1,830
	7	9	16	2.1	2.6	9,600	2.8	16,000	4.7	17,500	5.1	784	1,370	1,830
	9	9	18	2.3	2.3	9,600	2.8	16,000	4.7	17,500	5.1	784	1,370	1,830
	7	12	19	1.7	3.0	9,600	2.8	16,000	4.7	17,500	5.1	784	1370	1,830
	9	12	21	2.0	2.7	9,600	2.8	16,000	4.7	17,500	5.1	784	1,370	1,830
	12	12	24	2.3	2.3	9,600	2.8	16,000	4.7	17,500	5.1	784	1,370	1,830

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 24 k Btu/h 4. At least two indoor units should be connected.

MU2M17 UL2

Operation	Combination (kBtu/h)			Heating										
	Each Capacity (kW)			Total Capacity								Input (W)		
						Min		Rating		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5	-	5	1.6	-	4,800	1.4	5,500	1.6	6,325	1.9	450	450	600
	7	-	7	2.5	-	5,300	1.6	8,400	2.5	9,660	2.8	450	650	950
	9	-	9	3.2	-	6,480	1.9	10,800	3.2	12,420	3.6	541	880	1,250
	12	-	12	3.9	-	7,920	2.3	13,200	3.9	14,400	4.2	757	1,200	1,500
2 Unit	5	5	10	1.6	1.6	9,600	2.8	11,000	3.2	12,650	3.7	744	900	1,250
	5	7	12	1.6	2.3	9,600	2.8	13,500	4.0	15,525	4.6	744	1,050	1,460
	5	9	14	1.6	3.0	9,600	2.8	15,625	4.6	17,969	5.3	744	1,170	1,660
	5	12	17	1.6	3.7	9,600	2.8	18,000	5.3	19,500	5.7	730	1,300	1,730
	7	7	14	2.3	2.3	9,600	2.8	16,000	4.7	17,400	5.1	744	1,170	1,660
	7	9	16	2.3	3.0	9,600	2.8	18,000	5.3	19,500	5.7	730	1,300	1,730
	9	9	18	2.6	2.6	9,600	2.8	18,000	5.3	19,500	5.7	730	1,300	1,730
	7	12	19	1.9	3.3	9,600	2.8	18,000	5.3	19,500	5.7	730	1,300	1,730
	9	12	21	2.3	3.0	9,600	2.8	18,000	5.3	19,500	5.7	730	1,300	1,730
	12	12	24	2.6	2.6	9,600	2.8	18,000	5.3	19,500	5.7	730	1,300	1,730

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 24 k Btu/h 4. At least two indoor units should be connected.

COMBINATION TABLE _MULTI

MU3M19 UE2

Operation	Combination (kBtu/h)				Cooling										
					Each Capacity (kW)			Total Capacity						Input (W)		
								Min		Rating		Max				
	UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A	UNIT-B	Unit-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5	-	-	5	1.5	-	-	4,600	1.3	5,000	1.5	6,000	1.8	480	480	960
	7	-	-	7	2.1	-	-	4,600	1.3	7,000	2.1	8,400	2.5	480	560	1,160
	9	-	-	9	2.6	-	-	5,400	1.6	9,000	2.6	10,800	3.2	541	760	1,580
	12	-	-	12	3.5	-	-	7,200	2.1	12,000	3.5	14,400	4.2	690	1150	1,980
	18	-		18	5.3	-		10,800	3.2	18,000	5.3	21,600	6.3	924	1330	2,370
2 Unit	5	5	-	10	1.5	1.5	-	6,000	1.8	10,000	2.9	12,000	3.5	811	811	1,690
	5	7	-	12	1.5	2.1	-	7,200	2.1	12,000	3.5	14,400	4.2	811	910	1,830
	5	9	-	14	1.5	2.6	-	8,400	2.5	14,000	4.1	16,800	4.9	811	1,020	2,170
	5	12	-	17	1.5	3.5	-	10,200	3.0	17,000	5.0	20,400	6.0	811	1,230	2,250
	5	18	-	23	1.1	4.1	-	10,800	3.2	18,000	5.3	21,600	6.3	811	1,250	2,370
	7	7	-	14	2.1	2.1	-	8,400	2.5	14,000	4.1	16,800	4.9	811	1,020	2,090
	7	9	-	16	2.1	2.6	-	9,600	2.8	16,000	4.7	19,200	5.6	906	1,170	2,210
	9	9	-	18	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1,250	2,370
	7	12	-	19	1.9	3.3	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1,250	2,370
	9	12	-	21	2.3	3.0	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1,250	2,370
	12	12	-	24	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1,250	2,370
	7	18	-	25	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1,250	2,370
	9	18	-	27	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1,250	2,370
	12	18	-	30	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1,250	2,290
3 Unit	5	5	5	15	1.5	1.5	1.5	9,000	2.6	15,000	4.4	18,000	5.3	947	1,050	2,350
	5	5	7	17	1.5	1.5	2.1	10,200	3.0	17,000	5.0	20,400	6.0	947	1,140	2,320
	5	5	9	19	1.4	1.4	2.5	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	5	5	12	22	1.2	1.2	2.9	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	5	7	7	19	1.4	1.9	1.9	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	5	7	9	21	1.3	1.8	2.3	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	5	7	12	24	1.1	1.5	2.6	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	5	9	9	23	1.1	2.1	2.1	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	5	9	12	26	1.0	1.8	2.4	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	5	12	12	29	0.9	2.2	2.2	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	7	7	7	21	1.8	1.8	1.8	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	7	7	7	21	1.8	1.8	1.8	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	7	7	9	23	1.6	1.6	2.1	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	7	9	9	25	1.5	1.9	1.9	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	7	7	12	26	1.4	1.4	2.4	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	9	9	9	27	1.8	1.8	1.8	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	7	9	12	28	1.3	1.7	2.3	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350
	9	9	12	30	1.6	1.6	2.1	10,800	3.2	18,000	5.3	21,600	6.3	947	1,200	2,350

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 30 k Btu/h
4. At least two indoor units should be connected.

MU3M19 UE2

Operation	Combination (kBtu/h)				Heating										
					Each Capacity (kW)			Total Capacity						Input (W)		
								Min		Rating		Max				
	UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A	UNIT-B	UNIT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5	-	-	5	1.6	-	-	4,800	1.4	5,500	1.6	6,325	1.9	586	860	1,290
	7	-	-	7	2.5	-	-	5,300	1.4	8,400	2.5	9,660	2.8	586	980	1,400
	9	-	-	9	3.2	-	-	6,480	1.9	10,800	3.2	12,420	3.6	771	1,140	1,540
	12	-	-	12	3.9	-	-	7,920	2.3	13,200	3.9	15,180	4.4	866	1,370	1,820
	18	5		18	6.3	-		12,960	3.8	21,600	6.3	24,840	7.3	1,150	1,640	2,480
2 Unit	5	7	-	10	1.6	1.6	-	6,600	1.9	11,000	3.2	12,650	3.7	933	1,080	1,640
	5	9	-	12	1.6	2.5	-	8,340	2.4	13,900	4.1	15,985	4.7	933	1,280	1,720
	5	12	-	14	1.6	3.2	-	9,780	2.9	16,300	4.8	18,745	5.5	933	1,460	1,890
	5	18	-	17	1.6	3.9	-	11,220	3.3	18,700	5.5	21,505	6.3	1,095	1,500	2,040
	5	7	-	23	1.4	5.0	-	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,530	2,480
	7	9	-	14	2.5	2.5	-	10,080	3.0	16,800	4.9	19,320	5.7	933	1,460	2,280
	7	9	-	16	2.5	3.2	-	11,520	3.4	19200	5.6	22,080	6.5	1,001	1,530	2,410
	9	12	-	18	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	1,150	1,580	2,480
	7	12	-	19	2.3	4.0	-	12,960	3.8	21,600	6.3	24,840	7.3	1,150	1,580	2,480
	9	12	-	21	2.7	3.6	-	12,960	3.8	21,600	6.3	24,840	7.3	1,150	1,580	2,480
	12	18	-	24	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	1,150	1,580	2,480
	7	18	-	25	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	1,150	1,490	2,480
	9	18	-	27	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	1,150	1,490	2,480
	12	5	-	30	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	1,150	1,490	2,480
3 Unit	5	5	5	15	1.6	1.6	1.6	9,900	2.9	16,500	4.8	18,975	5.6	1,095	1,270	2,260
	5	5	7	17	1.6	1.6	2.5	11,640	3.4	19,400	5.7	22,310	6.5	1,095	1,310	2,380
	5	5	9	19	1.7	1.7	3.0	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	5	7	12	22	1.4	1.4	3.5	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	5	7	7	19	1.7	2.3	2.3	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	5	7	9	21	1.5	2.1	2.7	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	5	9	12	24	1.3	1.8	3.2	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	5	9	9	23	1.4	2.5	2.5	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	5	12	12	26	1.2	2.2	2.9	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	5	7	12	29	1.1	2.6	2.6	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	7	7	7	21	2.1	2.1	2.1	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	7	7	7	21	2.1	2.1	2.1	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	7	9	9	23	1.9	1.9	2.5	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	7	7	9	25	1.8	2.3	2.3	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	7	9	12	26	1.7	1.7	2.9	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	9	9	9	27	2.1	2.1	2.1	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	7	9	12	28	1.6	2.0	2.7	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400
	9	9	12	30	1.9	1.9	2.5	12,960	3.8	21,600	6.3	24,840	7.3	1,095	1,330	2,400

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 30 k Btu/h
4. At least two indoor units should be connected.

COMBINATION TABLE _MULTI

MU3M21 UE2

Operation	Combination (kBtu/h)				Cooling											
					Each Capacity (kW)			Total Capacity						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	Rating	Max
1 Unit	5	-	-	5	1.5	-	-	4,800	1.4	5,000	1.5	5,500	1.6	720	720	810
	7	-	-	7	2.1	-	-	6,300	1.8	7,000	2.1	7,700	2.3	720	720	810
	9	-	-	9	2.6	-	-	6,300	1.8	9,000	2.6	9,900	2.9	720	850	1,030
	12	-	-	12	3.5	-	-	7,200	2.1	12,000	3.5	13,200	3.9	672	1,120	1,510
	18	-	-	18	5.3	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,002	1,670	2,150
2 Unit	5	5	-	10	1.5	1.5	-	6,000	1.8	10,000	2.9	11,000	3.2	756	910	1,680
	5	7	-	12	1.5	2.1	-	7,200	2.1	12,000	3.5	13,200	3.9	756	1,020	1,860
	5	9	-	14	1.5	2.6	-	8,400	2.5	14,000	4.1	15,400	4.5	876	1,100	2,020
	7	7	-	14	2.1	2.1	-	8,400	2.5	14,000	4.1	15,400	4.5	756	1,100	2,020
	7	9	-	16	2.1	2.6	-	9,600	2.8	16,000	4.7	17,600	5.2	876	1,220	2,170
	5	12	-	17	1.5	3.5	-	10,200	3.0	17,000	5.0	18,700	5.5	1,008	1,350	2,260
	9	9	-	18	2.6	2.6	-	10,800	3.2	18,000	5.3	19,800	5.8	1,002	1,510	2,560
	7	12	-	19	2.1	3.5	-	11,400	3.3	19,000	5.6	20,900	6.1	1,008	1,640	2,710
	9	12	-	21	2.6	3.5	-	12,600	3.7	21,000	6.2	23,100	6.8	1,044	1,700	2,830
	5	18	-	23	1.5	5.3	-	13,800	4.0	21,000	6.2	23,100	6.8	1,284	1,770	2,870
	12	12	-	24	3.4	3.4	-	13,800	4.0	21,000	6.2	23,100	6.8	1,194	1,910	2,940
	7	18	-	25	2.0	5.1	-	14,400	4.2	21,000	6.2	23,100	6.8	1,284	1,830	2,940
	9	18	-	27	2.3	4.7	-	14,400	4.2	21,000	6.2	23,100	6.8	1,284	1,830	2,940
	12	18	-	30	2.8	4.2	-	14,400	4.2	21,000	6.2	23,100	6.8	1,284	1,830	2,940
3 Unit	5	5	5	15	1.5	1.5	1.5	9,000	2.6	15,000	4.4	18,000	5.3	1,044	1,050	2,100
	5	5	7	17	1.5	1.5	2.1	10,200	3.0	17,000	5.0	20,400	6.0	1,044	1,260	2,410
	5	5	9	19	1.5	1.5	2.6	11,400	3.3	19,000	5.6	22,800	6.7	1,152	1,450	2,730
	5	7	7	19	1.5	2.1	2.1	11,400	3.3	19,000	5.6	22,800	6.7	1,044	1,450	2,730
	5	7	9	21	1.5	2.1	2.6	12,600	3.7	21,000	6.2	25,000	7.3	1,152	1,540	2,820
	7	7	7	21	2.1	2.1	2.1	12,600	3.7	21,000	6.2	25,000	7.3	1,044	1,540	2,820
	5	5	12	22	1.5	1.5	3.5	13,200	3.9	21,000	6.2	25,000	7.3	1,200	1,540	2,850
	7	7	9	23	2.1	2.1	2.6	13,800	4.0	21,000	6.2	25,000	7.3	1,152	1,540	2,910
	5	9	9	23	1.5	2.6	2.6	13,800	4.0	21,000	6.2	25,000	7.3	1,152	1,540	2,910
	5	7	12	24	1.5	2.1	3.5	14,400	4.2	21,000	6.2	25,000	7.3	1,200	1,540	2,910
	7	9	9	25	2.0	2.5	2.5	14,400	4.2	21,000	6.2	25,000	7.3	1,200	1,540	2,910
	5	9	12	26	1.4	2.4	3.2	14,400	4.2	21,000	6.2	25,000	7.3	1,200	1,540	2,910
	7	7	12	26	1.9	1.9	3.2	14,400	4.2	21,000	6.2	25,000	7.3	1,200	1,540	2,910
	9	9	9	27	2.3	2.3	2.3	14,400	4.2	21,000	6.2	25,000	7.3	1,200	1,540	2,910
	7	9	12	28	1.8	2.3	3.0	14,400	4.2	21,000	6.2	25,000	7.3	1,200	1,540	2,910
	5	5	18	28	1.3	1.3	4.5	14,400	4.2	21,000	6.2	25,000	7.3	1,230	1,540	2,910
	5	12	12	29	1.2	2.9	2.9	14,400	4.2	21,000	6.2	25,000	7.3	1,200	1,540	2,910
	5	7	18	30	1.2	1.6	4.2	14,400	4.2	21,000	6.2	25,000	7.3	1,230	1,540	2,910
	9	9	12	30	2.1	2.1	2.8	14,400	4.2	21,000	6.2	25,000	7.3	1,200	1,540	2,910
	7	12	12	31	1.6	2.7	2.7	14,400	4.2	21,000	6.2	25,000	7.3	1,200	1,540	2,910
	5	9	18	32	1.1	2.0	4.0	14,400	4.2	21,000	6.2	25,000	7.3	1,230	1,540	2,910
	7	7	18	32	1.5	1.5	4.0	14,400	4.2	21,000	6.2	25,000	7.3	1,230	1,540	2,910
	9	12	12	33	1.9	2.6	2.6	14,400	4.2	21,000	6.2	25,000	7.3	1,230	1,540	2,910

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 33 k Btu/h
4. At least two indoor units should be connected.

MU3M21 UE2

Operation	Combination (kBtu/h)				Heating											
					Each Capacity (kW)			Total Capacity						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	-	-	5,000	1.5	5,500	1.6	6,050	1.8	840	840	1,050
	7	-	-	7	2.3	-	-	7,560	2.2	8,000	2.3	8,800	2.6	880	880	1,200
	9	-	-	9	2.9	-	-	7,560	2.2	10,000	2.9	10,900	3.2	880	1,010	1,360
	12	-	-	12	3.9	-	-	7,920	2.3	13,200	3.9	14,500	4.2	880	1,370	1,900
	18	-	-	18	5.8	-	-	11,880	3.5	19,800	5.8	21,800	6.4	1,200	2,080	2,730
2 Unit	5	5	-	10	1.6	1.6	-	6,600	1.9	11,000	3.2	12,100	3.5	918	970	1,300
	5	7	-	12	1.6	2.5	-	8,340	2.4	13,900	4.1	15,290	4.5	918	1,160	1,850
	5	9	-	14	1.6	2.9	-	9,300	2.7	15,500	4.5	18,500	5.4	1,038	1,400	2,200
	7	7	-	14	2.5	2.5	-	10,080	3.0	16,800	4.9	18,500	5.4	918	1,400	2,200
	7	9	-	16	2.5	3.2	-	11,520	3.4	19,200	5.6	21,100	6.2	1,038	1,710	2,510
	5	12	-	17	1.6	3.9	-	11,220	3.3	18,700	5.5	23,700	6.9	1,212	1,890	2,700
	9	9	-	18	3.2	3.2	-	12,960	3.8	21,600	6.3	23,700	6.9	1,200	2,060	2,660
	7	12	-	19	2.5	4.2	-	13,680	4.0	22,800	6.7	25,000	7.3	1,212	2,160	2,790
	9	12	-	21	3.2	4.2	-	15,120	4.4	24,000	7.0	26,500	7.8	1,260	2,390	2,950
	5	18	-	23	1.6	5.8	-	15,180	4.4	24,000	7.0	26,500	7.8	1,428	2,630	2,950
	12	12	-	24	3.9	3.9	-	15,840	4.6	24,000	7.0	26,500	7.8	1,368	2,770	2,950
	7	18	-	25	2.3	5.9	-	16,680	4.9	24,000	7.0	26,500	7.8	1,428	2,660	2,950
	9	18	-	27	2.8	5.6	-	17,280	5.1	24,000	7.0	26,500	7.8	1,428	2,660	2,950
	12	18	-	30	3.4	5.1	-	17,280	5.1	24,000	7.0	26,500	7.8	1,428	2,660	2,950
3 Unit	5	5	5	15	1.6	1.6	1.6	9,900	2.9	16,500	4.8	18,150	5.3	1,260	1,260	2,430
	5	5	7	17	1.6	1.6	2.5	11,640	3.4	19,400	5.7	21,340	6.3	1,260	1,530	2,540
	5	5	9	19	1.6	1.6	2.9	12,600	3.7	21,000	6.2	23,100	6.8	1,278	1,750	2,680
	5	7	7	19	1.6	2.5	2.3	13,140	3.9	21,900	6.4	24,090	7.1	1,260	1,750	2,680
	5	7	9	21	1.6	2.5	2.9	14,340	4.2	24,000	7.0	26,500	7.8	1,278	1,860	2,810
	7	7	7	21	2.5	2.5	2.5	15,120	4.4	24,000	7.0	26,500	7.8	1,260	1,630	2,810
	5	5	12	22	1.6	1.6	3.9	14,520	4.3	24,000	7.0	26,500	7.8	1,308	1,630	2,860
	7	7	9	23	2.5	2.5	3.2	16,560	4.9	24,000	7.0	26,500	7.8	1,278	1,630	2,930
	5	9	9	23	1.6	2.9	2.9	15,300	4.5	24,000	7.0	26,500	7.8	1,308	1,630	2,930
	5	7	12	24	1.8	2.5	4.2	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	7	9	9	25	2.4	3.0	3.0	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	5	9	12	26	1.6	2.9	3.9	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	7	7	12	26	2.3	2.3	3.9	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	9	9	9	27	2.8	2.8	2.8	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	7	9	12	28	2.1	2.7	3.6	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	5	5	18	28	1.5	1.5	5.4	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	5	12	12	29	1.5	3.5	3.5	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	5	7	18	30	1.4	2.0	5.1	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	9	9	12	30	2.5	2.5	3.4	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	7	12	12	31	1.9	3.3	3.3	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	5	9	18	32	1.3	2.4	4.7	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	7	7	18	32	1.8	1.8	4.7	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950
	9	12	12	33	2.3	3.1	3.1	17,280	5.1	24,000	7.0	26,500	7.8	1,308	1,630	2,950

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 33 k Btu/h
4. At least two indoor units should be connected.

COMBINATION TABLE _MULTI

MU4M25 U42

Operation	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	Cooling Each Capacity (kW) UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total Capacity Min Btu/h	Min kW	Rating Btu/h	Rating kW	Max Btu/h	Max kW	Input (W) Min	Rated	Max
1 Unit	5				5	1.5	-	-	-	4,800	1.4	5,000	1.5	5,500	1.6	720	720	810
	7				7	2.1	-	-	-	6,300	1.8	7,000	2.1	7,700	2.3	720	720	810
	9				9	2.6	-	-	-	6,300	1.8	9,000	2.6	9,900	2.9	720	850	1,030
	12				12	3.5	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	672	1,120	1,510
	18				18	5.3	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,002	1,670	2,150
	24				24	7.0	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,230	2,010	3,090
2 Unit	5	5			10	1.5	1.5	-	-	6,000	1.8	10,000	2.9	11,000	3.2	756	910	1,680
	5	7			12	1.5	2.1	-	-	7,200	2.1	12,000	3.5	13,200	3.9	756	1,020	1,860
	5	9			14	1.5	2.6	-	-	8,400	2.5	14,000	4.1	15,400	4.5	876	1,100	2,020
	7	7			14	2.1	2.1	-	-	8,400	2.5	14,000	4.1	15,400	4.5	756	1,100	2,020
	7	9			16	2.1	2.6	-	-	9,600	2.8	16,000	4.7	17,600	5.2	876	1,220	2,170
	5	12			17	1.5	3.5	-	-	10,200	3.0	17,000	5.0	18,700	5.5	1,008	1,350	2,260
	9	9			18	2.6	2.6	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,002	1,510	2,560
	7	12			19	2.1	3.5	-	-	11,400	3.3	19,000	5.6	20,900	6.1	1,008	1,640	2,710
	9	12			21	2.6	3.5	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,044	1,700	2,830
	5	18			23	1.5	5.3	-	-	13,800	4.0	23,000	6.7	23,100	6.8	1,284	1,770	2,870
	12	12			24	3.4	3.4	-	-	13,800	4.0	23,000	6.7	25,500	7.5	1,194	1,910	3,090
	7	18			25	2.0	5.1	-	-	14,400	4.2	24,000	7.0	26,500	7.8	1,284	1,830	2,980
	9	18			27	2.3	4.7	-	-	14,400	4.2	24,000	7.0	27,500	8.1	1,284	1,830	2,980
	5	24			29	1.2	5.8	-	-	14,400	4.2	24,000	7.0	27,500	8.1	1,284	1,830	2,980
	12	18			30	2.8	4.2	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,284	1,830	2,980
	7	24			31	1.6	5.4	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,284	1,830	2,980
	9	24			33	1.9	5.1	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,284	1,830	2,980
	18	18			36	3.5	3.5	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,284	1,830	2,980
	12	24			36	2.3	4.7	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,284	1,830	2,980
3 Unit	5	5	5		15	1.5	1.5	1.5	-	9,000	2.6	15,000	4.4	18,000	5.3	1,044	1,050	2,100
	5	5	7		17	1.5	1.5	2.1	-	10,200	3.0	17,000	5.0	20,400	6.0	1,044	1,260	2,410
	5	5	9		19	1.5	1.5	2.6	-	11,400	3.3	19,000	5.6	22,800	6.7	1,152	1,450	2,730
	5	7	7		19	1.5	2.1	2.1	-	11,400	3.3	19,000	5.6	22,800	6.7	1,044	1,450	2,730
	5	7	9		21	1.5	2.1	2.6	-	12,600	3.7	21,000	6.2	25,200	7.4	1,152	1,540	2,820
	7	7	7		21	2.1	2.1	2.1	-	12,600	3.7	21,000	6.2	25,200	7.4	1,044	1,540	2,820
	5	5	12		22	1.5	1.5	3.5	-	13,200	3.9	22,000	6.4	26,400	7.7	1,200	1,610	2,850
	7	7	9		23	2.1	2.1	2.6	-	13,800	4.0	23,000	6.7	27,600	8.1	1,152	1,790	2,910
	5	9	9		23	1.5	2.6	2.6	-	13,800	4.0	23,000	6.7	27,600	8.1	1,152	1,790	2,910
	5	7	12		24	1.5	2.1	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	1,200	1,820	3,050
	7	9	9		25	2.0	2.5	2.5	-	14,400	4.2	24,000	7.0	28,800	8.4	1,200	1,820	3,050
	5	9	12		26	1.4	2.4	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	1,200	1,820	3,050
	7	7	12		26	1.9	1.9	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	1,200	1,820	3,050
	9	9	9		27	2.3	2.3	2.3	-	14,400	4.2	24,000	7.0	28,800	8.4	1,200	1,820	3,050
	7	9	12		28	1.8	2.3	3.0	-	14,400	4.2	24,000	7.0	28,800	8.4	1,200	1,820	3,050
	5	5	18		28	1.3	1.3	4.5	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,050
	5	12	12		29	1.2	2.9	2.9	-	14,400	4.2	24,000	7.0	28,800	8.4	1,200	1,820	3,050
	5	7	18		30	1.2	1.6	4.2	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	9	9	12		30	2.1	2.1	2.8	-	14,400	4.2	24,000	7.0	28,800	8.4	1,200	1,820	3,050
	7	12	12		31	1.6	2.7	2.7	-	14,400	4.2	24,000	7.0	28,800	8.4	1,200	1,820	3,050
	5	9	18		32	1.1	2.0	4.0	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	7	7	18		32	1.5	1.5	4.0	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	9	12	12		33	1.9	2.6	2.6	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,050
	7	9	18		34	1.4	1.9	3.7	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	5	5	24		34	1.0	1.0	5.0	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	5	12	18		35	1.0	2.4	3.6	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	5	7	24		36	1.0	1.4	4.7	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	12	12	12		36	2.3	2.3	2.3	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,050
	9	9	18		36	1.8	1.8	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	7	12	18		37	1.3	2.3	3.4	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	5	9	24		38	0.9	1.7	4.4	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	7	7	24		38	1.3	1.3	4.4	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
	9	12	18		39	1.6	2.2	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	1,230	1,820	3,020
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	1,194	1,470	2,700
	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	1,194	1,590	2,830
	5	5	5	9	24	1.5	1.5	1.5	2.6	14,400	4.2	24,000	7.0	28,500	8.4	1,194	1,770	3,010
	5	5	7	7	24	1.5	1.5	2.1	2.1	14,400	4.2	24,000	7.0	28,500	8.4	1,194	1,770	3,010
	5	5	7	9	26	1.4	1.4	1.9	2.4	14,400	4.2	24,000	7.0	28,500	8.4	1,194	1,770	3,010
	5	7	7	7	26	1.4	1.9	1.9	1.9	14,400	4.2	24,000	7.0	28,500	8.4	1,194	1,770	3,010
	5	5	5	12	27	1.3	1.3	1.3	3.1	14,400	4.2	24,000	7.0	28,500	8.4	1,194	1,770	3,010
	5	5	9	9	28	1.3	1.3	2.3	2.3	14,400	4.2	24,000	7.0	28,500	8.4	1,194	1,770	3,010
	5	7	7	9	28	1.3	1.8	1.8	2.3	14,400	4.2	24,000	7.0	28,500	8.4	1,194	1,770	3,010
	7	7	7	7	28	1.8	1.8	1.8	1.8	14,400	4.2	24,000	7.0	28,500	8.4	1,194	1,770	3,010
	5	5	7	12	29	1.2	1.2	1.7	2.9	14,400	4.2	24,000	7.0	28,500	8.4	1,194	1,770	3,010
	5	7	9	9	30	1.2	1.6	2.1	2.1	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	7	7	7	9	30	1.6	1.6	1.6	2.1	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	5	9	12	31	1.1	1.1	2.0	2.7	14,400	4.2	24,000	7.0	28,500	8.4	1,194	1,770	3,010
	5	7	7	12	31	1.1	1.6	1.6	2.7	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	7	7	9	9	32	1.5	1.5	2.0	2.0	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	9	9	9	32	1.1	2.0	2.0	2.0	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	5	5	18	33	1.1	1.1	1.1	3.8	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	7	9	12	33	1.1	1.5	1.9	2.6	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	7	7	7	12	33	1.5	1.5	1.5	2.6	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	5	12	12	34	1.0	1.0	2.5	2.5	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	7	9	9	9	34	1.4	1.9	1.9	1.9	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	5	7	18	35	1.0	1.0	1.4	3.6	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	9	9	12	35	1.0	1.8	1.8	2.4	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	7	7	9	12	35	1.4	1.4	1.8	2.4	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	7	12	12	36	1.0	1.4	2.3	2.3	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	9	9	9	9	36	1.8	1.8	1.8	1.8	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	5	9	18	37	1.0	1.0	1.7	3.4	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	7	7	18	37	1.0	1.3	1.3	3.4	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	7	9	9	12	37	1.3	1.7	1.7	2.3	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	7	7	12	12	38	1.3	1.3	2.2	2.2	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	5	5	24	39	0.9	0.9	0.9	4.3	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	5	7	9	18	39	0.9	1.3	1.6	3.2	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	9	9	9	12	39	1.6	1.6	1.6	2.2	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010
	7	7	7	18	39	1.3	1.3	1.3	3.2	14,400	4.2	24,000	7.0	29,000	8.5	1,194	1,770	3,010

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 39 k Btu/h
4. At least two indoor units should be connected.

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Operation	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	Heating Each Capacity (kW) UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total Capacity Min Btu/h	Min kW	Rating Btu/h	Rating kW	Max Btu/h	Max kW	Input (W) Min	Rated	Max
1 Unit	5				5	1.5	-	-	-	5,000	1.5	5,500	1.6	6,050	1.8	840	840	1,050
	7				7	2.3	-	-	-	7,560	2.2	8,000	2.3	8,800	2.6	880	880	1,200
	9				9	2.9	-	-	-	7,560	2.2	10,000	2.9	10,900	3.2	880	1,010	1,360
	12				12	3.9	-	-	-	7,920	2.3	13,200	3.9	14,500	4.2	880	1,370	1,900
	18				18	5.8	-	-	-	11,880	3.5	19,800	5.8	21,800	6.4	1,200	2,080	2,730
	24				24	7.4	-	-	-	15,240	4.5	25,400	7.4	26,600	7.8	1,368	2,770	3,100
2 Unit	5	5			10	1.6	1.6	-	-	6,600	1.9	11,000	3.2	12,100	3.5	918	970	1,300
	5	7			12	1.6	2.5	-	-	8,340	2.4	13,900	4.1	15,290	4.5	918	1,160	1,850
	5	9			14	1.6	2.9	-	-	9,300	2.7	15,500	4.5	18,500	5.4	1,038	1,400	2,200
	7	7			14	2.5	2.5	-	-	10,080	3.0	16,800	4.9	18,500	5.4	918	1,400	2,200
	7	9			16	2.5	3.2	-	-	11,520	3.4	19,200	5.6	21,100	6.2	1,038	1,710	2,510
	5	12			17	1.6	3.9	-	-	11,220	3.3	18,700	5.5	23,700	6.9	1,212	1,890	2,700
	9	9			18	3.2	3.2	-	-	12,960	3.8	21,600	6.3	23,700	6.9	1,200	2,060	2,660
	7	12			19	2.5	4.2	-	-	13,680	4.0	22,800	6.7	25,000	7.3	1,212	2,160	2,790
	9	12			21	3.2	4.2	-	-	15,120	4.4	25,200	7.4	27,700	8.1	1,260	2,390	3,010
	5	18			23	1.6	5.8	-	-	15,180	4.4	25,300	7.4	27,830	8.2	1,428	2,630	3,050
	12	12			24	3.9	3.9	-	-	15,840	4.6	26,400	7.7	29,040	8.5	1,368	2,770	3,100
	7	18			25	2.3	5.9	-	-	16,680	4.9	27,800	8.1	30,000	8.8	1,428	2,660	3,050
	9	18			27	2.8	5.6	-	-	17,280	5.1	28,800	8.4	31,500	9.2	1,428	2,660	3,050
	5	24			29	1.5	7.0	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,428	2,660	3,050
	12	18			30	3.4	5.1	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,428	2,660	3,050
	7	24			31	1.9	6.5	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,428	2,660	3,050
	9	24			33	2.3	6.1	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,428	2,660	3,050
	18	18			36	4.2	4.2	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,428	2,660	3,050
	12	24			36	2.8	5.6	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,428	2,660	3,050
3 Unit	5	5	5		15	1.6	1.6	1.6	-	9,900	2.9	16,500	4.8	18,150	5.3	1,260	1,260	2,430
	5	5	7		17	1.6	1.6	2.5	-	11,640	3.4	19,400	5.7	21,340	6.3	1,260	1,530	2,540
	5	5	9		19	1.6	1.6	2.9	-	12,600	3.7	21,000	6.2	23,100	6.8	1,278	1,750	2,680
	5	7	7		19	1.6	2.5	2.3	-	13,140	3.9	21,900	6.4	24,090	7.1	1,260	1,750	2,680
	5	7	9		21	1.6	2.5	2.9	-	14,340	4.2	23,900	7.0	26,290	7.7	1,278	1,860	2,810
	7	7	7		21	2.5	2.5	2.5	-	15,120	4.4	25,200	7.4	27,700	8.1	1,260	1,860	2,810
	5	5	12		22	1.6	1.6	3.9	-	14,520	4.3	24,200	7.1	26,620	7.8	1,308	1,950	2,860
	7	7	9		23	2.5	2.5	3.2	-	16,560	4.9	27,600	8.1	30,000	8.8	1,278	2,020	2,980
	5	9	9		23	1.6	2.9	2.9	-	15,300	4.5	25,500	7.5	28,050	8.2	1,308	2,020	2,980
	5	7	12		24	1.8	2.5	4.2	-	17,280	5.1	28,800	8.4	31,500	9.2	1,308	2,110	3,090
	7	9	9		25	2.4	3.0	3.0	-	17,280	5.1	28,800	8.4	30,000	8.8	1,308	2,110	3,090
	5	9	12		26	1.6	2.9	3.9	-	17,280	5.1	28,800	8.4	31,500	9.2	1,308	2,110	3,090
	7	7	12		26	2.3	2.3	3.9	-	17,280	5.1	28,800	8.4	31,500	9.2	1,308	2,110	3,090
	9	9	9		27	2.8	2.8	2.8	-	17,280	5.1	28,800	8.4	31,500	9.2	1,308	2,110	3,090
	7	9	12		28	2.1	2.7	3.6	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,110	3,090
	5	5	18		28	1.5	1.5	5.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	5	12	12		29	1.5	3.5	3.5	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,110	3,090
	5	7	18		30	1.4	2.0	5.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	9	9	12		30	2.5	2.5	3.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,110	3,090
	7	12	12		31	1.9	3.3	3.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,110	3,090
	5	9	18		32	1.3	2.4	4.7	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	7	7	18		32	1.8	1.8	4.7	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	9	12	12		33	2.3	3.1	3.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,110	3,090
	7	9	18		34	1.7	2.2	4.5	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	5	5	24		34	1.2	1.2	6.0	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	5	12	18		35	1.2	2.9	4.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	5	7	24		36	1.2	1.6	5.6	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	12	12	12		36	2.8	2.8	2.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,110	3,090
	9	9	18		36	2.1	2.1	4.2	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	7	12	18		37	1.6	2.7	4.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	5	9	24		38	1.1	2.0	5.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	7	7	24		38	1.6	1.6	5.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
	9	12	18		39	1.9	2.6	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,308	2,080	3,090
4 Unit	5	5	5	5	20	1.6	1.6	1.6	1.6	13,200	3.9	22,000	6.4	24,200	7.1	1,176	1,650	2,710
	5	5	5	7	22	1.6	1.6	1.6	2.3	14,700	4.3	24,500	7.2	26,950	7.9	1,176	1,760	2,890
	5	5	5	9	24	1.6	1.6	1.6	2.9	15,840	4.6	26,400	7.7	29,040	8.5	1,176	1,850	3,060
	5	5	7	7	24	1.6	1.6	2.3	2.3	15,840	4.6	26,400	7.7	29,040	8.5	1,176	1,850	3,060
	5	5	7	9	26	1.6	1.6	2.3	2.9	17,280	5.1	28,800	8.4	31,500	9.2	1,176	1,850	3,060
	5	7	7	7	26	1.6	2.3	2.3	2.3	17,280	5.1	28,800	8.4	31,500	9.2	1,176	1,850	3,060
	5	5	5	12	27	1.6	1.6	1.6	3.8	17,280	5.1	28,800	8.4	31,500	9.2	1,176	1,850	3,060
	5	5	9	9	28	1.5	1.5	2.7	2.7	17,280	5.1	28,800	8.4	31,500	9.2	1,176	1,850	3,060
	5	7	7	9	28	1.5	2.1	2.1	2.7	17,280	5.1	28,800	8.4	31,500	9.2	1,176	1,850	3,060
	7	7	7	7	28	2.1	2.1	2.1	2.1	17,280	5.1	28,800	8.4	31,500	9.2	1,176	1,850	3,060
	5	5	7	12	29	1.5	1.5	2.0	3.5	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	7	9	9	30	1.4	2.0	2.5	2.5	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	7	7	7	9	30	2.0	2.0	2.0	2.5	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	5	9	12	31	1.4	1.4	2.5	3.3	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	7	7	12	31	1.4	1.9	1.9	3.3	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	7	7	9	9	32	1.8	1.8	2.4	2.4	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	9	9	9	32	1.3	2.4	2.4	2.4	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	5	5	18	33	1.3	1.3	1.3	4.6	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	7	9	12	33	1.3	1.8	2.3	3.1	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	7	7	7	12	33	1.8	1.8	1.8	3.1	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	5	12	12	34	1.2	1.2	3.0	3.0	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	7	9	9	9	34	1.7	2.2	2.2	2.2	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	5	7	18	35	1.2	1.2	1.7	4.3	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	9	9	12	35	1.2	2.2	2.2	2.9	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	7	7	9	12	35	1.7	1.7	2.2	2.9	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	7	12	12	36	1.2	1.6	2.8	2.8	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	9	9	9	9	36	2.1	2.1	2.1	2.1	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	5	9	18	37	1.1	1.1	2.1	4.1	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	7	7	18	37	1.1	1.6	1.6	4.1	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	7	9	9	12	37	1.6	2.1	2.1	2.7	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	7	7	12	12	38	1.6	1.6	2.7	2.7	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	5	5	24	39	1.1	1.1	1.1	5.2	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	5	7	9	18	39	1.1	1.5	1.9	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	9	9	9	12	39	1.9	1.9	1.9	2.6	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060
	7	7	7	18	39	1.5	1.5	1.5	3.9	17,280	5.1	28,800	8.4	32,000	9.4	1,176	1,850	3,060

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 39 k Btu/h
4. At least two indoor units should be connected.

COMBINATION TABLE _MULTI

MU4M27 U42

Operation	Combination of Indoor Unit (kBtu/h)						Cooling											
							Each Capacity (kW)				Total Capacity						Input (W)		
											Min		Rating		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	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	-	-	-	4,800	1.3	5,000	1.5	5,500	1.6	720	720	790
	7					7	2.1	-	-	-	6,300	1.8	7,000	2.1	7,700	2.3	720	720	790
	9					9	2.6	-	-	-	6,300	1.8	9,000	2.6	9,900	2.9	720	820	1,000
	12					12	3.5	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	774	1,070	1,480
	18					18	5.3	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,209	1,610	2,110
	24					24	7.0	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,650	1,920	3,060
2 Unit	5	5				10	1.5	1.5	-	-	6,000	1.8	10,000	2.9	11,500	3.4	834	910	1,720
	5	7				12	1.5	2.1	-	-	7,200	2.1	12,000	3.5	13,800	4.0	834	1,020	1,910
	5	9				14	1.5	2.6	-	-	8,400	2.5	14,000	4.1	16,100	4.7	1,094	1,100	2,040
	7	7				14	2.1	2.1	-	-	8,400	2.5	14,000	4.1	16,100	4.7	834	1,100	2,040
	7	9				16	2.1	2.6	-	-	9,600	2.8	16,000	4.7	18,400	5.4	1,094	1,220	2,190
	5	12				17	1.5	3.5	-	-	10,200	3.0	17,000	5.0	18,700	5.5	1,311	1,350	2,270
	9	9				18	2.6	2.6	-	-	10,800	3.2	18,000	5.3	20,700	6.1	1,265	1,510	2,570
	7	12				19	2.1	3.5	-	-	11,400	3.3	19,000	5.6	20,900	6.1	1,311	1,640	2,730
	9	12				21	2.6	3.5	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,490	1,700	2,850
	5	18				23	1.5	5.3	-	-	13,800	4.0	23,000	6.7	26,450	7.8	1,746	1,770	2,890
	12	12				24	3.5	3.5	-	-	14,400	4.2	24,000	7.0	26,400	7.7	1,653	1,910	3,070
	7	18				25	2.1	5.3	-	-	15,000	4.4	25,000	7.3	28,750	8.4	1,746	2,030	3,100
	9	18				27	2.6	5.3	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,893	2,240	3,120
	5	24				29	1.5	7.0	-	-	17,400	5.1	27,000	7.9	31,050	9.1	1,979	2,420	3,120
	12	18				30	3.5	5.3	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,979	2,510	3,120
	7	24				31	2.0	6.8	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,979	2,510	3,120
	9	24				33	2.4	6.4	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,979	2,510	3,120
	18	18				36	4.4	4.4	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,979	2,510	3,120
	12	24				36	2.9	5.9	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,979	2,510	3,120
3 Unit	5	5	5			15	1.5	1.5	1.5	-	9,000	2.6	15,000	4.4	17,250	5.1	1,050	1,050	2,100
	5	5	7			17	1.5	1.5	2.1	-	10,200	3.0	17,000	5.0	19,550	5.7	1,260	1,260	2,410
	5	5	9			19	1.5	1.5	2.6	-	11,400	3.3	19,000	5.6	21,850	6.4	1,450	1,450	2,730
	5	7	7			19	1.5	2.1	2.1	-	11,400	3.3	19,000	5.6	21,850	6.4	1,450	1,450	2,730
	5	7	9			21	1.5	2.1	2.6	-	12,600	3.7	21,000	6.2	24,150	7.1	1,490	1,540	2,820
	7	7	7			21	2.1	2.1	2.1	-	12,600	3.7	21,000	6.2	24,150	7.1	1,490	1,540	2,820
	5	5	12			22	1.5	1.5	3.5	-	13,200	3.9	22,000	6.4	25,300	7.4	1,550	1,610	2,850
	7	7	9			23	2.1	2.1	2.6	-	13,800	4.0	23,000	6.7	26,450	7.8	1,575	1,790	2,910
	5	9	9			23	1.5	2.6	2.6	-	13,800	4.0	23,000	6.7	26,450	7.8	1,746	1,790	2,910
	5	7	12			24	1.5	2.1	3.5	-	14,400	4.2	24,000	7.0	27,600	8.1	1,800	1,820	3,050
	7	9	9			25	2.1	2.6	2.6	-	15,000	4.4	25,000	7.3	28,750	8.4	1,746	1,930	3,070
	5	9	12			26	1.5	2.6	3.5	-	15,600	4.6	26,000	7.6	29,900	8.8	1,909	2,030	3,080
	7	7	12			26	2.1	2.1	3.5	-	15,600	4.6	26,000	7.6	29,900	8.8	1,800	2,030	3,080
	9	9	9			27	2.6	2.6	2.6	-	16,200	4.7	27,000	7.9	31,050	9.1	1,893	2,120	3,100
	7	9	12			28	2.1	2.6	3.5	-	16,800	4.9	27,000	7.9	31,050	9.1	1,909	2,220	3,120
	5	5	18			28	1.5	1.5	5.3	-	16,800	4.9	27,000	7.9	31,050	9.1	1,948	2,220	3,120
	5	12	12			29	1.5	3.5	3.5	-	17,400	5.1	27,000	7.9	31,050	9.1	1,948	2,330	3,120
	5	7	18			30	1.5	2.1	5.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	9	9	12			30	2.6	2.6	3.5	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	7	12	12			31	2.0	3.4	3.4	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	5	9	18			32	1.4	2.5	4.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	7	7	18			32	1.9	1.9	4.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	9	12	12			33	2.4	3.2	3.2	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	7	9	18			34	1.8	2.3	4.7	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	5	5	24			34	1.3	1.3	6.2	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	5	12	18			35	1.3	3.0	4.5	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	5	7	24			36	1.2	1.7	5.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	12	12	12			36	2.9	2.9	2.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	9	9	18			36	2.2	2.2	4.4	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	7	12	18			37	1.7	2.9	4.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	5	9	24			38	1.2	2.1	5.6	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	7	7	24			38	1.6	1.6	5.6	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	9	12	18			39	2.0	2.7	4.1	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	7	9	24			40	1.5	2.0	5.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	5	12	24			41	1.1	2.6	5.1	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120
	5	18	18			41	1.1	3.9	3.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,948	2,420	3,120

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Operation	Combination of Indoor Unit (kBtu/h)						Cooling											
							Each Capacity (kW)				Total Capacity						Input (W)		
											Min		Rating		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	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	1,370	1,470	2,257
	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	1,480	1,580	2,448
	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	1,580	1,680	2,633
	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	1,580	1,680	2,718
	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	1,740	1,840	2,850
	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	1,740	1,840	2,920
	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	1,820	1,920	3,010
	5	5	9	9		28	1.5	1.5	2.6	2.6	16,800	4.9	27,000	7.9	32,400	9.5	1,820	1,920	3,100
	5	7	7	9		28	1.5	2.1	2.1	2.6	16,800	4.9	27,000	7.9	32,400	9.5	1,820	1,920	3,100
	7	7	7	7		28	2.1	2.1	2.1	2.1	16,800	4.9	27,000	7.9	32,400	9.5	1,820	1,920	3,100
	5	5	7	12		29	1.5	1.5	2.1	3.5	17,400	5.1	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	7	9	9		30	1.5	2.1	2.6	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	7	7	7	9		30	2.1	2.1	2.1	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	5	9	12		31	1.4	1.4	2.6	3.4	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	7	7	12		31	1.4	2.0	2.0	3.4	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	7	7	9	9		32	1.9	1.9	2.5	2.5	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	9	9	9		32	1.4	2.5	2.5	2.5	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	5	5	18		33	1.3	1.3	1.3	4.8	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	7	9	12		33	1.3	1.9	2.4	3.2	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	7	7	7	12		33	1.9	1.9	1.9	3.2	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	5	12	12		34	1.3	1.3	3.1	3.1	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	7	9	9	9		34	1.8	2.3	2.3	2.3	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	5	7	18		35	1.3	1.3	1.8	4.5	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	9	9	12		35	1.3	2.3	2.3	3.0	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	7	7	9	12		35	1.8	1.8	2.3	3.0	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	7	12	12		36	1.2	1.7	2.9	2.9	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	9	9	9	9		36	2.2	2.2	2.2	2.2	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	5	9	18		37	1.2	1.2	2.1	4.3	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	7	7	18		37	1.2	1.7	1.7	4.3	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	7	9	9	12		37	1.7	2.1	2.1	2.9	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	7	7	12	12		38	1.6	1.6	2.8	2.8	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	5	5	24		39	1.1	1.1	1.1	5.4	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	7	9	18		39	1.1	1.6	2.0	4.1	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	9	9	9	12		39	2.0	2.0	2.0	2.7	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	7	7	7	18		39	1.6	1.6	1.6	4.1	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	7	9	12	12		40	1.5	2.0	2.6	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	5	7	24		41	1.1	1.1	1.5	5.1	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	5	12	12	12		41	1.1	2.6	2.6	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120
	7	7	9	18		41	1.5	1.5	1.9	3.9	18,000	5.3	27,000	7.9	32,400	9.5	1,820	1,920	3,120

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 41 k Btu/h
4. At least two indoor units should be connected.

COMBINATION TABLE _MULTI

MU4M27 U42

Operation	Combination of Indoor Unit (kBtu/h)						Heating											
							Each Capacity (kW)				Total Capacity						Input (W)		
											Min		Rating		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	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	6,050	1.8	840	840	1,440
	7					7	2.3	-	-	-	7,560	2.2	8,000	2.3	8,800	2.6	880	880	1,440
	9					9	2.9	-	-	-	7,560	2.2	10,000	2.9	11,000	3.2	978	1,010	1,630
	12					12	3.9	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	1,273	1,370	2,250
	18					18	5.8	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,901	2,080	3,310
	24					24	7.4	-	-	-	15,240	4.5	25,400	7.4	26,600	7.8	2,569	2,770	3,870
2 Unit	5	5				10	1.8	1.8	-	-	7,200	2.1	12,000	3.5	13,800	4.0	970	970	1,850
	5	7				12	1.8	2.5	-	-	8,640	2.5	14,400	4.2	16,560	4.9	1,160	1,160	2,160
	5	9				14	1.8	3.2	-	-	10,080	3.0	16,800	4.9	19,320	5.7	1,366	1,400	2,557
	7	7				14	2.5	2.5	-	-	10,080	3.0	16,800	4.9	19,320	5.7	1,249	1,400	2,557
	7	9				16	2.5	3.2	-	-	11,520	3.4	19,200	5.6	22,080	6.5	1,366	1,710	3,100
	5	12				17	1.8	4.2	-	-	12,240	3.6	20,400	6.0	22,440	6.6	1,311	1,890	3,403
	9	9				18	3.2	3.2	-	-	12,960	3.8	21,600	6.3	24,840	7.3	1,606	2,060	3,587
	7	12				19	2.5	4.2	-	-	13,680	4.0	22,800	6.7	25,080	7.4	1,886	2,160	3,383
	9	12				21	3.2	4.2	-	-	15,120	4.4	25,200	7.4	27,720	8.1	2,320	2,390	3,390
	5	18				23	1.8	6.3	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,746	2,630	3,450
	12	12				24	4.2	4.2	-	-	17,280	5.1	28,800	8.4	31,680	9.3	2,522	2,770	3,540
	7	18				25	2.5	6.3	-	-	18,000	5.3	30,000	8.8	33,000	9.7	2,631	2,810	3,600
	9	18				27	3.2	6.3	-	-	19,440	5.7	31,000	9.1	34,100	10.0	2,770	2,900	3,680
	5	24				29	1.7	8.1	-	-	20,010	5.9	31,000	9.1	34,100	10.0	1,979	3,010	3,680
	12	18				30	4.0	6.1	-	-	20,700	6.1	31,000	9.1	34,100	10.0	2,957	3,090	3,680
	7	24				31	2.3	7.8	-	-	20,700	6.1	31,000	9.1	34,100	10.0	2,957	3,090	3,680
	9	24				33	2.8	7.4	-	-	20,700	6.1	31,000	9.1	34,100	10.0	2,957	3,090	3,680
	18	18				36	5.1	5.1	-	-	20,700	6.1	31,000	9.1	34,100	10.0	2,910	3,090	3,680
	12	24				36	3.4	6.7	-	-	20,700	6.1	31,000	9.1	34,100	10.0	2,910	3,090	3,680
3 Unit	5	5	5			15	1.8	1.8	1.8	-	10,800	3.2	18,000	5.3	20,160	5.9	1,260	1,260	2,580
	5	5	7			17	1.8	1.8	2.5	-	12,240	3.6	20,400	6.0	22,848	6.7	1,490	1,530	2,700
	5	5	9			19	1.8	1.8	3.2	-	13,680	4.0	22,800	6.7	25,536	7.5	1,575	1,750	2,830
	5	7	7			19	1.8	2.5	2.5	-	13,680	4.0	22,800	6.7	25,536	7.5	1,490	1,750	2,830
	5	7	9			21	1.8	2.5	3.2	-	15,120	4.4	25,200	7.4	28,224	8.3	1,575	1,860	2,960
	7	7	7			21	2.5	2.5	2.5	-	15,120	4.4	25,200	7.4	28,224	8.3	1,599	1,860	2,960
	5	5	12			22	1.8	1.8	4.2	-	15,840	4.6	26,400	7.7	29,568	8.7	1,800	1,950	3,030
	7	7	9			23	2.5	2.5	3.2	-	16,560	4.9	27,600	8.1	30,912	9.1	1,754	2,020	3,150
	5	9	9			23	1.8	3.2	3.2	-	16,560	4.9	27,600	8.1	30,912	9.1	1,746	2,020	3,150
	5	7	12			24	1.8	2.5	4.2	-	17,280	5.1	28,800	8.4	32,256	9.5	1,800	2,110	3,290
	7	9	9			25	2.5	3.2	3.2	-	18,000	5.3	30,000	8.8	33,600	9.8	1,979	2,220	3,410
	5	9	12			26	1.8	3.2	4.2	-	18,720	5.5	30,000	8.8	33,600	9.8	1,909	2,320	3,500
	7	7	12			26	2.5	2.5	4.2	-	18,720	5.5	30,000	8.8	33,600	9.8	2,103	2,320	3,500
	9	9	9			27	3.2	3.2	3.2	-	19,440	5.7	31,000	9.1	34,720	10.2	2,243	2,410	3,570
	7	9	12			28	2.5	3.2	4.2	-	20,160	5.9	31,000	9.1	34,720	10.2	2,359	2,480	3,620
	5	5	18			28	1.8	1.8	6.3	-	20,160	5.9	31,000	9.1	34,720	10.2	2,359	2,480	3,620
	5	12	12			29	1.8	4.2	4.2	-	20,880	6.1	31,000	9.1	34,720	10.2	2,491	2,560	3,650
	5	7	18			30	1.7	2.4	6.1	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	9	9	12			30	3.0	3.0	4.0	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	7	12	12			31	2.3	3.9	3.9	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	5	9	18			32	1.6	2.8	5.7	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	7	7	18			32	2.2	2.2	5.7	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	9	12	12			33	2.8	3.7	3.7	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	7	9	18			34	2.1	2.7	5.4	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	5	5	24			34	1.5	1.5	7.1	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	5	12	18			35	1.4	3.5	5.2	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	5	7	24			36	1.4	2.0	6.7	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	12	12	12			36	3.4	3.4	3.4	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	9	9	18			36	2.5	2.5	5.1	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	7	12	18			37	1.9	3.3	4.9	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	5	9	24			38	1.3	2.4	6.4	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	7	7	24			38	1.9	1.9	6.4	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	9	12	18			39	2.3	3.1	4.7	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	7	9	24			40	1.8	2.3	6.1	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	5	12	24			41	1.2	3.0	5.9	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680
	5	18	18			41	1.2	4.4	4.4	-	20,700	6.1	31,000	9.1	34,720	10.2	2,491	2,690	3,680

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Operation	Combination of Indoor Unit (kBtu/h)						Heating											
							Each Capacity (kW)				Total Capacity						Input (W)		
											Min		Rating		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	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	1.8	1.8	1.8	1.8	14,400	4.2	24,000	7.0	26,880	7.9	1,550	1,650	2,920
	5	5	5	7		22	1.8	1.8	1.8	2.5	15,840	4.6	26,400	7.7	29,568	8.7	1,660	1,760	3,100
	5	5	5	9		24	1.8	1.8	1.8	3.2	17,280	5.1	28,800	8.4	32,256	9.5	1,750	1,850	3,240
	5	5	7	7		24	1.8	1.8	2.5	2.5	17,280	5.1	28,800	8.4	32,256	9.5	1,750	1,850	3,240
	5	5	7	9		26	1.8	1.8	2.5	3.2	18,720	5.5	30,000	8.8	34,944	10.2	1,850	1,950	3,480
	5	7	7	7		26	1.8	2.5	2.5	2.5	18,720	5.5	30,000	8.8	34,944	10.2	1,850	1,950	3,480
	5	5	5	12		27	1.8	1.8	1.8	4.2	19,440	5.7	31,000	9.1	36,000	10.6	1,890	1,990	3,610
	5	5	9	9		28	1.8	1.8	3.2	3.2	20,160	5.9	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	7	7	9		28	1.8	2.5	2.5	3.2	20,160	5.9	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	7	7	7		28	2.5	2.5	2.5	2.5	20,160	5.9	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	5	7	12		29	1.7	1.7	2.4	4.0	20,010	5.9	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	7	9	9		30	1.7	2.4	3.0	3.0	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	7	7	9		30	2.4	2.4	2.4	3.0	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	5	9	12		31	1.6	1.6	2.9	3.9	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	7	7	12		31	1.6	2.3	2.3	3.9	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	7	9	9		32	2.2	2.2	2.8	2.8	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	9	9	9		32	1.6	2.8	2.8	2.8	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	5	5	18		33	1.5	1.5	1.5	5.5	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	7	9	12		33	1.5	2.1	2.8	3.7	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	7	7	12		33	2.1	2.1	2.1	3.7	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	5	12	12		34	1.5	1.5	3.6	3.6	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	9	9	9		34	2.1	2.7	2.7	2.7	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	5	7	18		35	1.4	1.4	2.0	5.2	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	9	9	12		35	1.4	2.6	2.6	3.5	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	7	9	12		35	2.0	2.0	2.6	3.5	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	7	12	12		36	1.4	2.0	3.4	3.4	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	9	9	9	9		36	2.5	2.5	2.5	2.5	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	5	9	18		37	1.4	1.4	2.5	4.9	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	7	7	18		37	1.4	1.9	1.9	4.9	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	9	9	12		37	1.9	2.5	2.5	3.3	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	7	12	12		38	1.9	1.9	3.2	3.2	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	5	5	24		39	1.3	1.3	1.3	6.2	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	7	9	18		39	1.3	1.8	2.3	4.7	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	9	9	9	12		39	2.3	2.3	2.3	3.1	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	7	7	18		39	1.8	1.8	1.8	4.7	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	9	12	12		40	1.8	2.3	3.0	3.0	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	5	7	24		41	1.2	1.2	1.7	5.9	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	5	12	12	12		41	1.2	3.0	3.0	3.0	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680
	7	7	9	18		41	1.7	1.7	2.2	4.4	20,700	6.1	31,000	9.1	36,000	10.6	1,890	1,990	3,680

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 41 k Btu/h
4. At least two indoor units should be connected.

COMBINATION TABLE _MULTI

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Operation	Combination of Indoor Unit (kBtu/h)						Cooling													
							Each Capacity (kW)					Total Capacity						Input (W)		
												Min		Rating		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	-	-	-	-	4,800	1.3	5,000	1.5	5,500	1.6	720	720	790
	7					7	2.1	-	-	-	-	6,300	1.8	7,000	2.1	7,700	2.3	720	720	790
	9					9	2.6	-	-	-	-	6,300	1.8	9,000	2.6	9,900	2.9	720	820	1,000
	12					12	3.5	-	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	774	1,070	1,480
	18					18	5.3	-	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,209	1,610	2,110
	24					24	7.0	-	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,650	1,920	3,060
2 Unit	5	5				10	1.5	1.5	-	-	-	6,000	1.8	10,000	2.9	11,500	3.4	834	910	1,720
	5	7				12	1.5	2.1	-	-	-	7,200	2.1	12,000	3.5	13,800	4.0	834	1,020	1,910
	5	9				14	1.5	2.6	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	1,094	1,100	2,040
	7	7				14	2.1	2.1	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	834	1,100	2,040
	7	9				16	2.1	2.6	-	-	-	9,600	2.8	16,000	4.7	18,400	5.4	1,094	1,220	2,190
	5	12				17	1.5	3.5	-	-	-	10,200	3.0	17,000	5.0	18,700	5.5	1,311	1,350	2,270
	9	9				18	2.6	2.6	-	-	-	10,800	3.2	18,000	5.3	20,700	6.1	1,265	1,510	2,570
	7	12				19	2.1	3.5	-	-	-	11,400	3.3	19,000	5.6	20,900	6.1	1,311	1,640	2,730
	9	12				21	2.6	3.5	-	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,490	1,750	2,850
	5	18				23	1.5	5.3	-	-	-	13,800	4.0	23,000	6.7	26,450	7.8	1,746	1,890	2,890
	12	12				24	3.5	3.5	-	-	-	14,400	4.2	24,000	7.0	26,400	7.7	1,653	1,980	3,070
	7	18				25	2.1	5.3	-	-	-	15,000	4.4	25,000	7.3	28,750	8.4	1,746	2,130	3,100
	9	18				27	2.6	5.3	-	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,893	2,310	3,130
	5	24				29	1.5	7.0	-	-	-	17,400	5.1	29,000	8.5	31,900	9.3	1,979	2,420	3,140
	12	18				30	3.5	5.3	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160
	7	24				31	2.0	6.8	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160
	9	24				33	2.4	6.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160
	18	18				36	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160
	12	24				36	2.9	5.9	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160
	18	24				42	3.8	5.0	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160
	24	24				48	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160
3 Unit	5	5	5			15	1.5	1.5	1.5	-	-	9,000	2.6	15,000	4.4	17,250	5.1	1,050	1,050	2,100
	5	5	7			17	1.5	1.5	2.1	-	-	10,200	3.0	17,000	5.0	19,550	5.7	1,260	1,260	2,410
	5	5	9			19	1.5	1.5	2.6	-	-	11,400	3.3	19,000	5.6	21,850	6.4	1,450	1,450	2,730
	5	7	7			19	1.5	2.1	2.1	-	-	11,400	3.3	19,000	5.6	21,850	6.4	1,450	1,450	2,730
	5	7	9			21	1.5	2.1	2.6	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,490	1,540	2,820
	7	7	7			21	2.1	2.1	2.1	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,490	1,540	2,820
	5	5	12			22	1.5	1.5	3.5	-	-	13,200	3.9	22,000	6.4	25,300	7.4	1,550	1,610	2,850
	7	7	9			23	2.1	2.1	2.6	-	-	13,800	4.0	23,000	6.7	26,450	7.8	1,575	1,790	2,910
	5	9	9			23	1.5	2.6	2.6	-	-	13,800	4.0	23,000	6.7	26,450	7.8	1,746	1,790	2,910
	5	7	12			24	1.5	2.1	3.5	-	-	14,400	4.2	24,000	7.0	27,600	8.1	1,800	1,820	3,050
	7	9	9			25	2.1	2.6	2.6	-	-	15,000	4.4	25,000	7.3	28,750	8.4	1,746	1,930	3,070
	5	9	12			26	1.5	2.6	3.5	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,909	2,030	3,080
	7	7	12			26	2.1	2.1	3.5	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,800	2,030	3,080
	9	9	9			27	2.6	2.6	2.6	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,893	2,120	3,100
	7	9	12			28	2.1	2.6	3.5	-	-	16,800	4.9	28,000	8.2	32,200	9.4	1,909	2,220	3,120
	5	5	18			28	1.5	1.5	5.3	-	-	16,800	4.9	28,000	8.2	32,200	9.4	1,948	2,220	3,120
	5	12	12			29	1.5	3.5	3.5	-	-	17,400	5.1	29,000	8.5	32,480	9.5	1,948	2,330	3,140
	5	7	18			30	1.5	2.1	5.3	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160
	9	9	12			30	2.6	2.6	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	7	12	12			31	2.0	3.4	3.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	5	9	18			32	1.4	2.5	4.9	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160
	7	7	18			32	1.9	1.9	4.9	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160
	9	12	12			33	2.4	3.2	3.2	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	7	9	18			34	1.8	2.3	4.7	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160
	5	5	24			34	1.3	1.3	6.2	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	5	12	18			35	1.3	3.0	4.5	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	5	7	24			36	1.2	1.7	5.9	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	12	12	12			36	2.9	2.9	2.9	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	9	9	18			36	2.2	2.2	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	7	12	18			37	1.7	2.9	4.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	5	9	24			38	1.2	2.1	5.6	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	7	7	24			38	1.6	1.6	5.6	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	9	12	18			39	2.0	2.7	4.1	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	7	9	24			40	1.5	2.0	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	5	12	24			41	1.1	2.6	5.1	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	5	18	18			41	1.1	3.9	3.9	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	12	12	18			42	2.5	2.5	3.8	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	9	9	24			42	1.9	1.9	5.0	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	7	18	18			43	1.4	3.7	3.7	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	7	12	24			43	1.4	2.5	4.9	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	9	18	18			45	1.8	3.5	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	9	12	24			45	1.8	2.3	4.7	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	5	18	24			47	0.9	3.4	4.5	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	12	18	18			48	2.2	3.3	3.3	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
	12	12	24			48	2.2	2.2	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.8	1,948	2,420	3,160
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	1,370	1,470	2,257
	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	1,480	1,580	2,448
	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	1,580	1,680	2,633
	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	1,580	1,680	2,718
	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	1,750	1,850	2,850
	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	1,750	1,850	2,920
	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	1,820	1,920	3,010
	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	1,948	2,020	3,100
	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	1,948	2,020	3,100
	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	1,948	2,020	3,100
	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	1,948	2,210	3,120
	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	1,948	2,350	3,140
	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	1,948	2,350	3,140
	5	5	9	12		31	1.4	1.4	2.6	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140

MU5M30 U42

Operation	Combination of Indoor Unit (kBtu/h)						Cooling													
							Each Capacity (kW)					Total Capacity						Input (W)		
												Min		Rating		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	7	7	12		31	1.4	2.0	2.0	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	7	9	9		32	1.9	1.9	2.5	2.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	9	9	9		32	1.4	2.5	2.5	2.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	5	5	18		33	1.3	1.3	1.3	4.8	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	7	9	12		33	1.3	1.9	2.4	3.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	7	7	12		33	1.9	1.9	1.9	3.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	5	12	12		34	1.3	1.3	3.1	3.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	9	9	9		34	1.8	2.3	2.3	2.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	5	7	18		35	1.3	1.3	1.8	4.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	9	9	12		35	1.3	2.3	2.3	3.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	7	9	12		35	1.8	1.8	2.3	3.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	7	12	12		36	1.2	1.7	2.9	2.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	9	9	9	9		36	2.2	2.2	2.2	2.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	5	9	18		37	1.2	1.2	2.1	4.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	7	7	18		37	1.2	1.7	1.7	4.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	9	9	12		37	1.7	2.1	2.1	2.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	7	12	12		38	1.6	1.6	2.8	2.8	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	5	5	24		39	1.1	1.1	1.1	5.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	7	9	18		39	1.1	1.6	2.0	4.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	9	9	9	12		39	2.0	2.0	2.0	2.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	7	7	18		39	1.6	1.6	1.6	4.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	9	12	12		40	1.5	2.0	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	5	7	24		41	1.1	1.1	1.5	5.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	12	12	12		41	1.1	2.6	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	7	9	18		41	1.5	1.5	1.9	3.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	9	9	12	12		42	1.9	1.9	2.5	2.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	12	12	12		43	1.4	2.5	2.5	2.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	9	9	18		43	1.4	1.8	1.8	3.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	7	12	18		44	1.4	1.4	2.4	3.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	9	12	12	12		45	1.8	2.3	2.3	2.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	9	9	9	18		45	1.8	1.8	1.8	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	7	7	24		45	1.4	1.4	1.4	4.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	9	12	18		46	1.3	1.7	2.3	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	5	12	12	18		47	0.9	2.2	2.2	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	7	7	9	24		47	1.3	1.3	1.7	4.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	12	12	12	12		48	2.2	2.2	2.2	2.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
	9	9	12	18		48	1.6	1.6	2.2	3.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,948	2,350	3,140
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	1,810	1,810	2,580
	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	1,909	1,980	2,740
	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	1,909	2,180	3,010
	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	1,909	2,180	3,010
	5	5	5	7	9	31	1.4	1.4	1.4	2.0	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	7	7	7	31	1.4	1.4	2.0	2.0	2.0	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	5	12	32	1.4	1.4	1.4	1.4	3.3	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	9	9	33	1.3	1.3	1.3	2.4	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	7	7	9	33	1.3	1.3	1.9	1.9	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	7	7	7	33	1.3	1.9	1.9	1.9	1.9	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	7	12	34	1.3	1.3	1.3	1.8	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	7	7	9	35	1.3	1.8	1.8	1.8	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	7	7	7	35	1.8	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	9	12	36	1.2	1.2	1.2	2.2	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	7	7	12	36	1.2	1.2	1.7	1.7	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	9	9	9	37	1.2	1.2	2.1	2.1	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	7	9	9	37	1.2	1.7	1.7	2.1	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	7	7	9	37	1.7	1.7	1.7	1.7	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	5	18	38	1.2	1.2	1.2	1.2	4.2	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	7	7	12	38	1.2	1.6	1.6	1.6	2.8	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	12	12	39	1.1	1.1	1.1	2.7	2.7	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	7	9	9	39	1.6	1.6	1.6	2.0	2.0	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	9	9	9	39	1.1	1.6	2.0	2.0	2.0	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	7	18	40	1.1	1.1	1.1	1.5	4.0	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	9	9	12	40	1.1	1.1	2.0	2.0	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	7	9	12	40	1.1	1.5	1.5	2.0	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	7	7	12	40	1.5	1.5	1.5	1.5	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	9	9	9	9	41	1.1	1.9	1.9	1.9	1.9	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	9	9	9	41	1.5	1.5	1.9	1.9	1.9	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	9	18	42	1.0	1.0	1.0	1.9	3.8	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	7	7	18	42	1.0	1.0	1.5	1.5	3.8	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	9	9	12	42	1.0	1.5	1.9	1.9	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	7	9	12	42	1.5	1.5	1.5	1.9	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	7	12	12	43	1.0	1.4	1.4	2.5	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	7	12	12	43	1.0	1.4	1.4	2.5	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	9	9	9	9	43	1.4	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	5	24	44	1.0	1.0	1.0	1.0	4.8	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	7	7	18	44	1.0	1.4	1.4	1.4	3.6	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	9	9	9	12	44	1.0	1.8	1.8	1.8	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	9	9	12	44	1.4	1.4	1.8	1.8	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	12	18	45	1.0	1.0	1.0	2.3	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	9	12	12	45	1.0	1.4	1.8	2.3	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	9	9	9	9	9	45	1.8	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	7	24	46	1.0	1.0	1.0	1.3	4.6	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	9	9	18	46	1.0	1.0	1.7	1.7	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	12	12	12	46	1.0	1.0	2.3	2.3	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	7	9	18	46	1.0	1.3	1.3	1.7	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	7	7	18	46	1.3	1.3	1.3	1.3	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	9	9	9	12	46	1.3	1.7	1.7	1.7	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	9	9	12	12	47	0.9	1.7	1.7	2.2	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	9	9	12	12	47	0.9	1.7	1.7	2.2	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	9	12	12	47	1.3	1.3	1.7	2.2	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	5	9	24	48	0.9	0.9	0.9	1.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	5	7	7	24	48	0.9	0.9	1.3	1.3	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	9	9	18	48	0.9	1.3	1.6	1.6	3.3	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	5	7	12	12	12	48	0.9	1.3	2.2	2.2	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	9	9	9	9	12	48	1.6	1.6	1.6	1.6	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	7	12	12	45	1.4	1.4	1.4	2.3	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110
	7	7	7	9	18	48	1.3	1.3	1.3	1.6	3.3	18,000	5.3	30,000	8.8	36,000	10.6	1,909	2,300	3,110

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 48 k Btu/h / 4. At least two indoor units should be connected.

COMBINATION TABLE _MULTI

MU5M30 U42

Operation	Combination of Indoor Unit (kBtu/h)						Heating													
							Each Capacity (kW)					Total Capacity						Input (W)		
												Min		Rating		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	6,050	1.8	840	840	1,440
	7					7	2.3	-	-	-	-	7,560	2.2	8,000	2.3	8,800	2.6	880	880	1,440
	9					9	2.9	-	-	-	-	7,560	2.2	10,000	2.9	11,000	3.2	978	1,010	1,630
	12					12	3.9	-	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	1,273	1,370	2,250
	18					18	5.8	-	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,901	2,080	3,310
	24					24	7.4	-	-	-	-	15,240	4.5	25,400	7.4	26,600	7.8	2,569	2,770	3,870
2 Unit	5	5				10	1.8	1.8	-	-	-	7,200	2.1	12,000	3.5	13,800	4.0	970	970	1,850
	5	7				12	1.8	2.5	-	-	-	8,640	2.5	14,400	4.2	16,560	4.9	1,160	1,160	2,160
	5	9				14	1.8	3.2	-	-	-	10,080	3.0	16,800	4.9	19,320	5.7	1,366	1,400	2,557
	7	7				14	2.5	2.5	-	-	-	10,080	3.0	16,800	4.9	19,320	5.7	1,249	1,400	2,557
	7	9				16	2.5	3.2	-	-	-	11,520	3.4	19,200	5.6	22,080	6.5	1,366	1,710	3,100
	5	12				17	1.8	4.2	-	-	-	12,240	3.6	20,400	6.0	22,440	6.6	1,311	1,890	3,403
	9	9				18	3.2	3.2	-	-	-	12,960	3.8	21,600	6.3	24,840	7.3	1,606	2,060	3,587
	7	12				19	2.5	4.2	-	-	-	13,680	4.0	22,800	6.7	25,080	7.4	1,886	2,160	3,383
	9	12				21	3.2	4.2	-	-	-	15,120	4.4	25,200	7.4	27,720	8.1	2,320	2,390	3,390
	5	18				23	1.8	6.3	-	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,746	2,630	3,610
	12	12				24	4.2	4.2	-	-	-	17,280	5.1	28,800	8.4	31,680	9.3	2,522	2,770	3,680
	7	18				25	2.5	6.3	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	2,631	2,810	3,706
	9	18				27	3.2	6.3	-	-	-	19,440	5.7	32,400	9.5	37,260	10.9	2,770	2,900	3,712
	5	24				29	1.7	8.1	-	-	-	20,010	5.9	33,350	9.8	36,685	10.8	1,979	3,010	3,820
	12	18				30	4.0	6.1	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	2,957	3,090	3,870
	7	24				31	2.3	7.8	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	2,957	3,090	3,870
	9	24				33	2.8	7.4	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	2,957	3,090	3,870
	18	18				36	5.1	5.1	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	2,910	3,090	3,870
	12	24				36	3.4	6.7	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	2,910	3,090	3,870
	18	24				42	4.3	5.8	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	2,910	3,090	3,870
	24	24				48	5.1	5.1	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	2,910	3,090	3,870
3 Unit	5	5	5			15	1.8	1.8	1.8	-	-	10,800	3.2	18,000	5.3	20,700	6.1	1,260	1,260	2,580
	5	5	7			17	1.8	1.8	2.5	-	-	12,240	3.6	20,400	6.0	23,460	6.9	1,490	1,530	2,700
	5	5	9			19	1.8	1.8	3.2	-	-	13,680	4.0	22,800	6.7	26,220	7.7	1,575	1,750	2,830
	5	7	7			19	1.8	2.5	2.5	-	-	13,680	4.0	22,800	6.7	26,220	7.7	1,490	1,750	2,830
	5	7	9			21	1.8	2.5	3.2	-	-	15,120	4.4	25,200	7.4	28,980	8.5	1,575	1,860	2,960
	7	7	7			21	2.5	2.5	2.5	-	-	15,120	4.4	25,200	7.4	28,980	8.5	1,599	1,860	2,960
	5	5	12			22	1.8	1.8	4.2	-	-	15,840	4.6	26,400	7.7	30,360	8.9	1,800	1,950	3,030
	7	7	9			23	2.5	2.5	3.2	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,754	2,020	3,150
	5	9	9			23	1.8	3.2	3.2	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,746	2,020	3,150
	5	7	12			24	1.8	2.5	4.2	-	-	17,280	5.1	28,800	8.4	33,120	9.7	1,800	2,110	3,290
	7	9	9			25	2.5	3.2	3.2	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,979	2,220	3,410
	5	9	12			26	1.8	3.2	4.2	-	-	18,720	5.5	31,200	9.1	35,880	10.5	1,909	2,320	3,500
	7	7	12			26	2.5	2.5	4.2	-	-	18,720	5.5	31,200	9.1	35,880	10.5	2,103	2,320	3,500
	9	9	9			27	3.2	3.2	3.2	-	-	19,440	5.7	32,400	9.5	37,260	10.9	2,243	2,410	3,570
	7	9	12			28	2.5	3.2	4.2	-	-	20,160	5.9	33,600	9.8	38,640	11.3	2,359	2,480	3,620
	5	5	18			28	1.8	1.8	6.3	-	-	20,160	5.9	33,600	9.8	38,640	11.3	2,359	2,480	3,620
	5	12	12			29	1.8	4.2	4.2	-	-	20,880	6.1	34,800	10.2	38,976	11.4	2,491	2,560	3,700
	5	7	18			30	1.7	2.4	6.1	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	9	9	12			30	3.0	3.0	4.0	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	7	12	12			31	2.3	3.9	3.9	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	5	9	18			32	1.6	2.8	5.7	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	7	7	18			32	2.2	2.2	5.7	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	9	12	12			33	2.8	3.7	3.7	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	7	9	18			34	2.1	2.7	5.4	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	5	5	24			34	1.5	1.5	7.1	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	5	12	18			35	1.4	3.5	5.2	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	5	7	24			36	1.4	2.0	6.7	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	12	12	12			36	3.4	3.4	3.4	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	9	9	18			36	2.5	2.5	5.1	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	7	12	18			37	1.9	3.3	4.9	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	5	9	24			38	1.3	2.4	6.4	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	7	7	24			38	1.9	1.9	6.4	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	9	12	18			39	2.3	3.1	4.7	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	7	9	24			40	1.8	2.3	6.1	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	5	12	24			41	1.2	3.0	5.9	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	5	18	18			41	1.2	4.4	4.4	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	12	12	18			42	2.9	2.9	4.3	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	9	9	24			42	2.2	2.2	5.8	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	7	18	18			43	1.6	4.2	4.2	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	7	12	24			43	1.6	2.8	5.6	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	9	18	18			45	2.0	4.0	4.0	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	9	12	24			45	2.0	2.7	5.4	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	5	18	24			47	1.1	3.9	5.2	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	12	18	18			48	2.5	3.8	3.8	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
	12	12	24			48	2.5	2.5	5.1	-	-	20,700	6.1	34,500	10.1	39,675	11.6	2,491	2,690	3,800
4 Unit	5	5	5	5		20	1.8	1.8	1.8	1.8	-	14,400	4.2	24,000	7.0	28,800	8.4	1,820	1,820	2,920
	5	5	5	7		22	1.8	1.8	1.8	2.5	-	15,840	4.6	26,400	7.7	31,680	9.3	1,920	1,920	3,100
	5	5	5	9		24	1.8	1.8	1.8	3.2	-	17,280	5.1	28,800	8.4	34,560	10.1	2,095	2,130	3,240
	5	5	7	7		24	1.8	1.8	2.5	2.5	-	17,280	5.1	28,800	8.4	34,560	10.1	2,095	2,130	3,240
	5	5	7	9		26	1.8	1.8	2.5	3.2	-	18,720	5.5	31,200	9.1	37,440	11.0	2,157	2,290	3,480
	5	7	7	7		26	1.8	2.5	2.5	2.5	-	18,720	5.5	31,200	9.1	37,440	11.0	2,095	2,290	3,480
	5	5	5	12		27	1.8	1.8	1.8	4.2	-	19,440	5.7	32,400	9.5	38,880	11.4	2,157	2,380	3,610
	5	5	9	9		28	1.8	1.8	3.2	3.2	-	20,160	5.9	33,600	9.8	40,320	11.8	2,095	2,470	3,740
	5	7	7	9		28	1.8	2.5	2.5	3.2	-	20,160	5.9	33,600	9.8	40,320	11.8	2,095	2,470	3,740
	7	7	7	7		28	2.5	2.5	2.5	2.5	-	20,160	5.9	33,600	9.8	40,320	11.8	2,095	2,470	3,740
	5	5	7	12		29	1.7	1.7	2.4	4.0	-	20,010	5.9	33,350	9.8	40,020	11.7	2,157	2,510	3,790
	5	7	9	9		30	1.7	2.4	3.0	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	7	7	9		30	2.4	2.4	2.4	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	5	9	12		31	1.6	1.6	2.9	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770

MU5M30 U42

Operation	Combination of Indoor Unit (kBtu/h)						Heating													
							Each Capacity (kW)					Total Capacity						Input (W)		
												Min		Rating		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	7	7	12		31	1.6	2.3	2.3	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	7	9	9		32	2.2	2.2	2.8	2.8	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	9	9	9		32	1.6	2.8	2.8	2.8	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	5	5	18		33	1.5	1.5	1.5	5.5	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	7	9	12		33	1.5	2.1	2.8	3.7	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	7	7	12		33	2.1	2.1	2.1	3.7	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	5	12	12		34	1.5	1.5	3.6	3.6	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	9	9	9		34	2.1	2.7	2.7	2.7	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	5	7	18		35	1.4	1.4	2.0	5.2	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	9	9	12		35	1.4	2.6	2.6	3.5	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	7	9	12		35	2.0	2.0	2.6	3.5	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	7	12	12		36	1.4	2.0	3.4	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	9	9	9	9		36	2.5	2.5	2.5	2.5	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	5	9	18		37	1.4	1.4	2.5	4.9	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	7	7	18		37	1.4	1.9	1.9	4.9	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	9	9	12		37	1.9	2.5	2.5	3.3	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	7	12	12		38	1.9	1.9	3.2	3.2	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	5	5	24		39	1.3	1.3	1.3	6.2	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	7	9	18		39	1.3	1.8	2.3	4.7	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	9	9	9	12		39	2.3	2.3	2.3	3.1	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	7	7	18		39	1.8	1.8	1.8	4.7	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	9	12	12		40	1.8	2.3	3.0	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	5	7	24		41	1.2	1.2	1.7	5.9	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	12	12	12		41	1.2	3.0	3.0	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	7	9	18		41	1.7	1.7	2.2	4.4	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	9	9	12	12		42	2.2	2.2	2.9	2.9	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	12	12	12		43	1.6	2.8	2.8	2.8	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	9	9	18		43	1.6	2.1	2.1	4.2	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	7	12	18		44	1.6	1.6	2.8	4.1	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	9	12	12	12		45	2.0	2.7	2.7	2.7	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	9	9	9	18		45	2.0	2.0	2.0	4.0	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	7	7	24		45	1.6	1.6	1.6	5.4	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	9	12	18		46	1.5	2.0	2.6	4.0	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	5	12	12	18		47	1.1	2.6	2.6	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	7	7	9	24		47	1.5	1.5	1.9	5.2	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	12	12	12	12		48	2.5	2.5	2.5	2.5	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
	9	9	12	18		48	1.9	1.9	2.5	3.8	-	20,700	6.1	34,500	10.1	41,400	12.1	2,157	2,610	3,770
5 Unit	5	5	5	5	5	25	1.8	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,800	1,970	3,470
	5	5	5	5	7	27	1.8	1.8	1.8	1.8	2.5	19,440	5.7	32,400	9.5	38,880	11.4	1,800	2,070	3,530
	5	5	5	5	9	29	1.7	1.7	1.7	1.7	3.0	20,010	5.9	33,350	9.8	40,020	11.7	1,800	2,140	3,650
	5	5	5	7	7	29	1.7	1.7	1.7	2.4	2.4	20,010	5.9	33,350	9.8	40,020	11.7	1,800	2,140	3,650
	5	5	5	7	9	31	1.6	1.6	1.6	2.3	2.9	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	7	7	7	31	1.6	1.6	2.3	2.3	2.3	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	5	12	32	1.6	1.6	1.6	1.6	3.8	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	9	9	33	1.5	1.5	1.5	2.8	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	7	7	9	33	1.5	1.5	2.1	2.1	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	7	7	7	33	1.5	2.1	2.1	2.1	2.1	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	7	12	34	1.5	1.5	1.5	2.1	3.6	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	7	7	9	35	1.4	2.0	2.0	2.0	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	7	7	7	35	2.0	2.0	2.0	2.0	2.0	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	9	12	36	1.4	1.4	1.4	2.5	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	7	7	12	36	1.4	1.4	2.0	2.0	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	9	9	9	37	1.4	1.4	2.5	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	7	9	9	37	1.4	1.9	1.9	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	7	7	9	37	1.9	1.9	1.9	1.9	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	5	18	38	1.3	1.3	1.3	1.3	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	7	7	12	38	1.3	1.9	1.9	1.9	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	12	12	39	1.3	1.3	1.3	3.1	3.1	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	7	9	9	39	1.8	1.8	1.8	2.3	2.3	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	9	9	9	39	1.3	1.8	2.3	2.3	2.3	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	7	18	40	1.3	1.3	1.3	1.8	4.5	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	9	9	12	40	1.3	1.3	2.3	2.3	3.0	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	7	9	12	40	1.3	1.8	1.8	2.3	3.0	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	7	7	12	40	1.8	1.8	1.8	1.8	3.0	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	9	9	9	9	41	1.2	2.2	2.2	2.2	2.2	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	9	9	9	41	1.7	1.7	2.2	2.2	2.2	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	9	18	42	1.2	1.2	1.2	2.2	4.3	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	7	7	18	42	1.2	1.2	1.7	1.7	4.3	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	9	9	12	42	1.2	1.7	2.2	2.2	2.9	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	7	9	12	42	1.7	1.7	1.7	2.2	2.9	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	7	12	12	43	1.2	1.6	1.6	2.8	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	7	12	12	43	1.2	1.6	1.6	2.8	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	9	9	9	9	43	1.6	2.1	2.1	2.1	2.1	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	5	24	44	1.1	1.1	1.1	1.1	5.5	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	7	7	18	44	1.1	1.6	1.6	1.6	4.1	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	9	9	9	12	44	1.1	2.1	2.1	2.1	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	9	9	12	44	1.6	1.6	2.1	2.1	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	12	18	45	1.1	1.1	1.1	2.7	4.0	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	9	12	12	45	1.1	1.6	2.0	2.7	2.7	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	9	9	9	9	9	45	2.0	2.0	2.0	2.0	2.0	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	7	24	46	1.1	1.1	1.1	1.5	5.3	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	9	9	18	46	1.1	1.1	2.0	2.0	4.0	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	12	12	12	46	1.1	1.1	2.6	2.6	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	7	9	18	46	1.1	1.5	1.5	2.0	4.0	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	7	7	18	46	1.5	1.5	1.5	1.5	4.0	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	9	9	9	12	46	1.5	2.0	2.0	2.0	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	9	9	12	12	47	1.1	1.9	1.9	2.6	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	9	9	12	12	47	1.1	1.9	1.9	2.6	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	9	12	12	47	1.5	1.5	1.9	2.6	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	5	9	24	48	1.1	1.1	1.1	1.9	5.1	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	5	7	7	24	48	1.1	1.1	1.5	1.5	5.1	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	9	9	18	48	1.1	1.5	1.9	1.9	3.8	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	5	7	12	12	12	48	1.1	1.5	2.5	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	9	9	9	9	12	48	1.9	1.9	1.9	1.9	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	7	12	12	45	1.6	1.6	1.6	2.7	2.7	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750
	7	7	7	9	18	48	1.5	1.5	1.5	1.9	3.8	20,700	6.1	34,500	10.1	41,400	12.1	1,800	2,200	3,750

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 48 k Btu/h / 4. At least two indoor units should be connected.

COMBINATION TABLE _MULTI

MU5M40 UH0

Operation	Combination of Indoor Unit (kBtu/h)						Cooling – Each Capacity (kW)					Total Capacity – Min		Rating		Max		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	-	-	-	-	4,800	0.9	5,000	1.5	5,750	1.7	1,038	1,730	2,076
	7	-	-	-	-	7	2.1	-	-	-	-	6,300	1.2	7,000	2.1	8,050	2.4	1,038	1,730	2,076
	9	-	-	-	-	9	2.6	-	-	-	-	6,300	1.6	9,000	2.6	10,350	3.0	1,038	1,730	2,076
	12	-	-	-	-	12	3.5	-	-	-	-	7,200	2.1	12,000	3.5	13,800	4.0	1,038	1,730	2,076
	18	-	-	-	-	18	5.3	-	-	-	-	10,800	3.2	18,000	5.3	20,700	6.1	1,107	1,845	2,280
	24	-	-	-	-	24	7.0	-	-	-	-	14,400	4.2	24,000	7.0	27,600	8.1	1,420	2,366	2,960
2 Unit	5	5	-	-	-	10	1.5	1.5	-	-	-	6,000	1.8	10,000	2.9	11,500	3.4	1,038	1,730	2,076
	5	7	-	-	-	12	1.5	2.1	-	-	-	7,200	2.1	12,000	3.5	13,800	4.0	1,038	1,730	2,076
	5	9	-	-	-	14	1.5	2.6	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	1,038	1,730	2,076
	7	7	-	-	-	14	2.1	2.1	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	1,038	1,730	2,076
	7	9	-	-	-	16	2.1	2.6	-	-	-	9,600	2.8	16,000	4.7	18,400	5.4	1,038	1,730	2,140
	5	12	-	-	-	17	1.5	3.5	-	-	-	10,200	3.0	17,000	5.0	19,550	5.7	1,136	1,894	2,360
	9	9	-	-	-	18	2.6	2.6	-	-	-	10,800	3.2	18,000	5.3	20,700	6.1	1,107	1,845	2,280
	7	12	-	-	-	19	2.1	3.5	-	-	-	11,400	3.3	19,000	5.6	21,850	6.4	1,136	1,894	2,360
	9	12	-	-	-	21	2.6	3.5	-	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,244	2,074	2,575
	5	18	-	-	-	23	1.5	5.3	-	-	-	13,800	4.0	23,000	6.7	26,450	7.8	1,459	2,432	3,024
	12	12	-	-	-	24	3.5	3.5	-	-	-	14,400	4.2	24,000	7.0	27,600	8.1	1,420	2,366	2,960
	7	18	-	-	-	25	2.1	5.3	-	-	-	15,000	4.4	25,000	7.3	28,750	8.4	1,459	2,432	3,024
	9	18	-	-	-	27	2.6	5.3	-	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,536	2,560	3,190
	5	24	-	-	-	29	1.5	7.0	-	-	-	17,400	5.1	29,000	8.5	33,350	9.8	1,696	2,826	3,524
	12	18	-	-	-	30	3.5	5.3	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,688	2,814	3,487
	7	24	-	-	-	31	2.1	7.0	-	-	-	18,600	5.5	31,000	9.1	35,650	10.4	1,696	2,826	3,524
	9	24	-	-	-	33	2.6	7.0	-	-	-	19,800	5.8	33,000	9.7	37,950	11.1	1,788	2,980	3,712
	18	18	-	-	-	36	5.3	5.3	-	-	-	21,600	6.3	36,000	10.6	41,400	12.1	2,020	3,366	4,232
	12	24	-	-	-	36	3.5	7.0	-	-	-	21,600	6.3	36,000	10.6	41,400	12.1	2,020	3,366	4,232
	18	24	-	-	-	42	5.0	6.7	-	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	24	24	-	-	-	48	5.9	5.9	-	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
3 Unit	5	5	5	-	-	15	1.5	1.5	1.5	-	-	9,000	2.6	15,000	4.4	17,250	5.1	1,244	2,074	2,575
	5	5	7	-	-	17	1.5	1.5	2.1	-	-	10,200	3.0	17,000	5.0	19,550	5.7	1,244	2,074	2,575
	5	5	9	-	-	19	1.5	1.5	2.6	-	-	11,400	3.3	19,000	5.6	21,850	6.4	1,244	2,074	2,575
	5	7	7	-	-	19	1.5	2.1	2.1	-	-	11,400	3.3	19,000	5.6	21,850	6.4	1,244	2,074	2,575
	5	7	9	-	-	21	1.5	2.1	2.6	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,244	2,074	2,575
	7	7	7	-	-	21	2.1	2.1	2.1	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,244	2,074	2,575
	5	5	12	-	-	22	1.5	1.5	3.5	-	-	13,200	3.9	22,000	6.4	25,300	7.4	1,501	2,502	3,140
	7	7	9	-	-	23	2.1	2.1	2.6	-	-	13,800	4.0	23,000	6.7	26,450	7.8	1,317	2,195	2,708
	5	9	9	-	-	23	1.5	2.6	2.6	-	-	13,800	4.0	23,000	6.7	26,450	7.8	1,459	2,432	3,024
	5	7	12	-	-	24	1.5	2.1	3.5	-	-	14,400	4.2	24,000	7.0	27,600	8.1	1,501	2,502	3,140
	7	9	9	-	-	25	2.1	2.6	2.6	-	-	15,000	4.4	25,000	7.3	28,750	8.4	1,459	2,432	3,024
	5	9	12	-	-	26	1.5	2.6	3.5	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,593	2,655	3,310
	7	7	12	-	-	26	2.1	2.1	3.5	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,501	2,502	3,140
	9	9	9	-	-	27	2.6	2.6	2.6	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,536	2,560	3,190
	7	9	12	-	-	28	2.1	2.6	3.5	-	-	16,800	4.9	28,000	8.2	32,200	9.4	1,593	2,655	3,310
	5	5	18	-	-	28	1.5	1.5	5.3	-	-	16,800	4.9	28,000	8.2	32,200	9.4	1,755	2,925	3,640
	5	12	12	-	-	29	1.5	3.5	3.5	-	-	17,400	5.1	29,000	8.5	33,350	9.8	1,696	2,826	3,524
	5	7	18	-	-	30	1.5	2.1	5.3	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,755	2,925	3,640
	9	9	12	-	-	30	2.6	2.6	3.5	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,688	2,814	3,487
	7	12	12	-	-	31	2.1	3.5	3.5	-	-	18,600	5.5	31,000	9.1	35,650	10.4	1,696	2,826	3,524
	5	9	18	-	-	32	1.5	2.6	5.3	-	-	19,200	5.6	32,000	9.4	36,800	10.8	1,872	3,120	3,820
	7	7	18	-	-	32	2.1	2.1	5.3	-	-	19,200	5.6	32,000	9.4	36,800	10.8	1,755	2,925	3,640
	9	12	12	-	-	33	2.6	3.5	3.5	-	-	19,800	5.8	33,000	9.7	37,950	11.1	1,788	2,980	3,712
	7	9	18	-	-	34	2.1	2.6	5.3	-	-	20,400	6.0	34,000	10.0	39,100	11.5	1,872	3,120	3,820
	5	5	24	-	-	34	1.5	1.5	7.0	-	-	20,400	6.0	34,000	10.0	39,100	11.5	2,144	3,574	4,500
	5	12	18	-	-	35	1.5	3.5	5.3	-	-	21,000	6.2	35,000	10.3	40,250	11.8	2,106	3,510	4,410
	5	7	24	-	-	36	1.5	2.1	7.0	-	-	21,600	6.3	36,000	10.6	41,400	12.1	2,144	3,574	4,500
	12	12	12	-	-	36	3.5	3.5	3.5	-	-	21,600	6.3	36,000	10.6	41,400	12.1	2,020	3,366	4,232
	9	9	18	-	-	36	2.6	2.6	5.3	-	-	21,600	6.3	36,000	10.6	41,400	12.1	2,020	3,366	4,232
	7	12	18	-	-	37	2.1	3.5	5.3	-	-	22,200	6.5	37,000	10.8	42,550	12.5	2,106	3,510	4,410
	5	9	24	-	-	38	1.5	2.6	7.0	-	-	22,800	6.7	38,000	11.1	43,700	12.8	2,178	3,630	4,652
	7	7	24	-	-	38	2.1	2.1	7.0	-	-	22,800	6.7	38,000	11.1	43,700	12.8	2,144	3,574	4,500
	9	12	18	-	-	39	2.6	3.5	5.3	-	-	23,400	6.9	39,000	11.4	44,850	13.1	2,173	3,621	4,570
	7	9	24	-	-	40	2.1	2.6	7.0	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	12	24	-	-	41	1.4	3.4	6.9	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	18	18	-	-	41	1.4	5.1	5.1	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	12	12	18	-	-	42	3.3	3.3	5.0	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	9	9	24	-	-	42	2.5	2.5	6.7	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	18	18	-	-	43	1.9	4.9	4.9	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	12	24	-	-	43	1.9	3.3	6.5	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	9	18	18	-	-	45	2.3	4.7	4.7	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	9	12	24	-	-	45	2.3	3.1	6.3	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	18	24	-	-	47	1.2	4.5	6.0	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	12	18	18	-	-	48	2.9	4.4	4.4	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	12	12	24	-	-	48	2.9	2.9	5.9	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	18	24	-	-	49	1.7	4.3	5.7	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	9	18	24	-	-	51	2.1	4.1	5.5	-	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
4 Unit	5	5	5	5	-	20	1.5	1.5	1.5	1.5	-	12,000	3.5	20,000	5.9	23,000	6.7	1,593	2,655	3,310
	5	5	5	7	-	22	1.5	1.5	1.5	2.1	-	13,200	3.9	22,000	6.4	25,300	7.4	1,593	2,655	3,310
	5	5	5	9	-	24	1.5	1.5	1.5	2.6	-	14,400	4.2	24,000	7.0	27,600	8.1	1,688	2,814	3,487
	5	5	7	7	-	24	1.5	1.5	2.1	2.1	-	14,400	4.2	24,000	7.0	27,600	8.1	1,593	2,655	3,310
	5	5	7	9	-	26	1.5	1.5	2.1	2.6	-	15,600	4.6	26,000	7.6	29,900	8.8	1,688	2,814	3,487
	5	7	7	7	-	26	1.5	2.1	2.1	2.1	-	15,600	4.6	26,000	7.6	29,900	8.8	1,593	2,655	3,310
	5	5	5	12	-	27	1.5	1.5	1.5	3.5	-	16,200	4.7	27,000	7.9	31,050	9.1	1,788	2,980	3,712
	5	5	9	9	-	28	1.5	1.5	2.6	2.6	-	16,800	4.9	28,000	8.2	32,200	9.4	1,755	2,925	3,640
	5	7	7	9	-	28	1.5	2.1	2.1	2.6	-	16,800	4.9	28,000	8.2	32,200	9.4	1,688	2,814	3,487
	7	7	7	7	-	28	2.1	2.1	2.1	2.1	-	16,800	4.9	28,000	8.2	32,200	9.4	1,593	2,655	3,310
	5	5	7	12	-	29	1.5	1.5	2.1	3.5	-	17,400	5.1	29,000	8.5	33,350	9.8	1,788	2,980	3,712
	5	7	9	9	-	30	1.5	2.1	2.6	2.6	-	18,000	5.3	30,000	8.8	34,500	10.1	1,755	2,925	3,640

MU5M40 UH0

Operation	Combination of Indoor Unit (kBtu/h)						Cooling – Each Capacity (kW)					Total Capacity – Min		Rating		Max		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
4 Unit	7	7	7	9	-	30	2.1	2.1	2.1	2.6	-	18,000	5.3	30,000	8.8	34,500	10.1	1,688	2,814	3,487
	5	5	9	12	-	31	1.5	1.5	2.6	3.5	-	18,600	5.5	31,000	9.1	35,650	10.4	1,944	3,240	4,068
	5	7	7	12	-	31	1.5	2.1	2.1	3.5	-	18,600	5.5	31,000	9.1	35,650	10.4	1,788	2,980	3,712
	7	7	9	9	-	32	2.1	2.1	2.6	2.6	-	19,200	5.6	32,000	9.4	36,800	10.8	1,755	2,925	3,640
	5	9	9	9	-	32	1.5	2.6	2.6	2.6	-	19,200	5.6	32,000	9.4	36,800	10.8	1,872	3,120	3,820
	5	5	5	18	-	33	1.5	1.5	1.5	5.3	-	19,800	5.8	33,000	9.7	37,950	11.1	2,173	3,621	4,570
	5	7	9	12	-	33	1.5	2.1	2.6	3.5	-	19,800	5.8	33,000	9.7	37,950	11.1	1,944	3,240	4,068
	7	7	7	12	-	33	2.1	2.1	2.1	3.5	-	19,800	5.8	33,000	9.7	37,950	11.1	1,788	2,980	3,712
	5	5	12	12	-	34	1.5	1.5	3.5	3.5	-	20,400	6.0	34,000	10.0	39,100	11.5	2,144	3,574	4,500
	7	9	9	9	-	34	2.1	2.6	2.6	2.6	-	20,400	6.0	34,000	10.0	39,100	11.5	1,872	3,120	3,820
	5	5	7	18	-	35	1.5	1.5	2.1	5.3	-	21,000	6.2	35,000	10.3	40,250	11.8	2,173	3,621	4,570
	5	9	9	12	-	35	1.5	2.6	2.6	3.5	-	21,000	6.2	35,000	10.3	40,250	11.8	2,106	3,510	4,410
	7	7	9	12	-	35	2.1	2.1	2.6	3.5	-	21,000	6.2	35,000	10.3	40,250	11.8	1,944	3,240	4,068
	5	7	12	12	-	36	1.5	2.1	3.5	3.5	-	21,600	6.3	36,000	10.6	41,400	12.1	2,144	3,574	4,500
	9	9	9	9	-	36	2.6	2.6	2.6	2.6	-	21,600	6.3	36,000	10.6	41,400	12.1	2,020	3,366	4,232
	5	5	9	18	-	37	1.5	1.5	2.6	5.3	-	22,200	6.5	37,000	10.8	42,550	12.5	2,190	3,650	4,652
	5	7	7	18	-	37	1.5	2.1	2.1	5.3	-	22,200	6.5	37,000	10.8	42,550	12.5	2,173	3,621	4,570
	7	9	9	12	-	37	2.1	2.6	2.6	3.5	-	22,200	6.5	37,000	10.8	42,550	12.5	2,106	3,510	4,410
	7	7	12	12	-	38	2.1	2.1	3.5	3.5	-	22,800	6.7	38,000	11.1	43,700	12.8	2,144	3,574	4,500
	5	5	5	24	-	39	1.5	1.5	1.5	7.0	-	23,400	6.9	39,000	11.4	44,850	13.1	2,190	3,650	4,652
	5	7	9	18	-	39	1.5	2.1	2.6	5.3	-	23,400	6.9	39,000	11.4	44,850	13.1	2,190	3,650	4,652
	9	9	9	12	-	39	2.6	2.6	2.6	3.5	-	23,400	6.9	39,000	11.4	44,850	13.1	2,173	3,621	4,570
	7	7	7	18	-	39	2.1	2.1	2.1	5.3	-	23,400	6.9	39,000	11.4	44,850	13.1	2,173	3,621	4,570
	7	9	12	12	-	40	2.1	2.6	3.5	3.5	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	5	7	24	-	41	1.4	1.4	2.0	6.9	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	12	12	12	-	41	1.4	3.4	3.4	3.4	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	7	9	18	-	41	2.0	2.0	2.6	5.1	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	9	9	12	12	-	42	2.5	2.5	3.3	3.3	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	12	12	12	-	43	1.9	3.3	3.3	3.3	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	9	9	18	-	43	1.9	2.5	2.5	4.9	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	7	12	18	-	44	1.9	1.9	3.2	4.8	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	9	12	12	12	-	45	2.3	3.1	3.1	3.1	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	9	9	9	18	-	45	2.3	2.3	2.3	4.7	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	7	7	24	-	45	1.8	1.8	1.8	6.3	-	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	9	12	18	-	46	1.8	2.3	3.1	4.6	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	5	18	18	-	46	1.3	1.3	4.6	4.6	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	12	12	18	-	47	1.2	3.0	3.0	4.5	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	9	24	-	47	1.7	1.7	2.2	6.0	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	7	18	18	-	48	1.2	1.7	4.4	4.4	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	12	12	12	12	-	48	2.9	2.9	2.9	2.9	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	9	9	12	18	-	48	2.2	2.2	2.9	4.4	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	12	12	18	-	49	1.7	2.9	2.9	4.3	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	9	9	24	-	49	1.7	2.2	2.2	5.7	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	9	18	18	-	50	1.2	2.1	4.2	4.2	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	12	24	-	50	1.6	1.6	2.8	5.6	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	18	18	-	50	1.6	1.6	4.2	4.2	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	9	12	12	18	-	51	2.1	2.8	2.8	4.1	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	9	9	9	24	-	51	2.1	2.1	2.1	5.5	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	5	18	24	-	52	1.1	1.1	4.1	5.4	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	9	12	24	-	52	1.6	2.0	2.7	5.4	-	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
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	28,750	8.4	1,944	3,240	4,068
	5	5	5	5	7	27	1.5	1.5	1.5	1.5	2.1	16,200	4.7	27,000	7.9	31,050	9.1	1,944	3,240	4,068
	5	5	5	5	9	29	1.5	1.5	1.5	1.5	2.6	17,400	5.1	29,000	8.5	33,350	9.8	2,106	3,510	4,410
	5	5	5	7	7	29	1.5	1.5	1.5	2.1	2.1	17,400	5.1	29,000	8.5	33,350	9.8	1,944	3,240	4,068
	5	5	5	7	9	31	1.5	1.5	1.5	2.1	2.6	18,600	5.5	31,000	9.1	35,650	10.4	2,106	3,510	4,410
	5	5	7	7	7	31	1.5	1.5	2.1	2.1	2.1	18,600	5.5	31,000	9.1	35,650	10.4	1,944	3,240	4,068
	5	5	5	5	12	32	1.5	1.5	1.5	1.5	3.5	19,200	5.6	32,000	9.4	36,800	10.8	2,178	3,630	4,652
	5	5	5	9	9	33	1.5	1.5	1.5	2.6	2.6	19,800	5.8	33,000	9.7	37,950	11.1	2,106	3,510	4,410
	5	5	7	7	9	33	1.5	1.5	2.1	2.1	2.6	19,800	5.8	33,000	9.7	37,950	11.1	2,173	3,621	4,570
	5	7	7	7	7	33	1.5	2.1	2.1	2.1	2.1	19,800	5.8	33,000	9.7	37,950	11.1	1,944	3,240	4,068
	5	5	5	7	12	34	1.5	1.5	1.5	2.1	3.5	20,400	6.0	34,000	10.0	39,100	11.5	2,106	3,510	4,410
	5	7	7	7	9	35	1.5	2.1	2.1	2.1	2.6	21,000	6.2	35,000	10.3	40,250	11.8	2,173	3,621	4,570
	7	7	7	7	7	35	2.1	2.1	2.1	2.1	2.1	21,000	6.2	35,000	10.3	40,250	11.8	1,944	3,240	4,068
	5	5	5	9	12	36	1.5	1.5	1.5	2.6	3.5	21,600	6.3	36,000	10.6	41,400	12.1	2,190	3,650	4,652
	5	5	7	7	12	36	1.5	1.5	2.1	2.1	3.5	21,600	6.3	36,000	10.6	41,400	12.1	2,178	3,630	4,652
	5	5	9	9	9	37	1.5	1.5	2.6	2.6	2.6	22,200	6.5	37,000	10.8	42,550	12.5	2,190	3,650	4,652
	5	7	7	9	9	37	1.5	2.1	2.1	2.6	2.6	22,200	6.5	37,000	10.8	42,550	12.5	2,173	3,621	4,570
	7	7	7	7	9	37	2.1	2.1	2.1	2.1	2.6	22,200	6.5	37,000	10.8	42,550	12.5	2,106	3,510	4,410
	5	5	5	5	18	38	1.5	1.5	1.5	1.5	5.3	22,800	6.7	38,000	11.1	43,700	12.8	2,178	3,630	4,652
	5	7	7	7	12	38	1.5	2.1	2.1	2.1	3.5	22,800	6.7	38,000	11.1	43,700	12.8	2,178	3,630	4,652
	5	5	5	12	12	39	1.5	1.5	1.5	3.5	3.5	23,400	6.9	39,000	11.4	44,850	13.1	2,190	3,650	4,652
	7	7	7	9	9	39	2.1	2.1	2.1	2.6	2.6	23,400	6.9	39,000	11.4	44,850	13.1	2,173	3,621	4,570
	5	7	9	9	9	39	1.5	2.1	2.6	2.6	2.6	23,400	6.9	39,000	11.4	44,850	13.1	2,190	3,650	4,652
	5	5	5	7	18	40	1.5	1.5	1.5	2.1	5.3	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	5	9	9	12	40	1.5	1.5	2.6	2.6	3.5	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	7	7	9	12	40	1.5	2.1	2.1	2.6	3.5	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	7	7	7	12	40	2.1	2.1	2.1	2.1	3.5	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	9	9	9	9	41	1.4	2.6	2.6	2.6	2.6	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	7	9	9	9	41	2.0	2.0	2.6	2.6	2.6	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	5	5	9	18	42	1.4	1.4	1.4	2.5	5.0	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	5	7	7	18	42	1.4	1.4	2.0	2.0	5.0	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	7	9	9	12	42	1.4	2.0	2.5	2.5	3.3	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	7	7	9	12	42	2.0	2.0	2.0	2.5	3.3	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	7	7	12	12	43	1.4	1.9	1.9	3.3	3.3	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	7	9	9	9	9	43	1.9	2.5	2.5	2.5	2.5	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	5	5	5	24	44	1.3	1.3	1.3	1.3	6.4	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	7	7	7	18	44	1.3	1.9	1.9	1.9	4.8	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	9	9	9	12	44	1.3	2.4	2.4	2.4	3.2	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	9	9	12	44	1.9	1.9	2.4	2.4	3.2	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	5	5	12	18	45	1.3	1.3	1.3	3.1	4.7	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	7	9	12	12	45	1.3	1.8	2.3	3.1	3.1	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	7	12	12	45	1.8	1.8	1.8	3.1	3.1	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	9	9	9	9	9	45	2.3	2.3	2.3	2.3	2.3	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	5	5	7	24	46	1.3	1.3	1.3	1.8	6.1	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
	5	5	9	9	18	46	1.3	1.3	2.3	2.3	4.6	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	5	12	12	12	46	1.3	1.3	3.1	3.1	3.1	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	7	7	9	18	46	1.3	1.8	1.8	2.3	4.6	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	7	7	18	46	1.8	1.8	1.8	1.8	4.6	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	9	9	9	12	46	1.8	2.3	2.3	2.3	3.1	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	9	9	12	12	47	1.2	2.2	2.2	3.0	3.0	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	9	12	12	47	1.7	1.7	2.2	3.0	3.0	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	5	5	9	24	48	1.2	1.2	1.2	2.2	5.9	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	5	7	7	24	48	1.2	1.2	1.7	1.7	5.9	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	7	9	9	18	48	1.2	1.7	2.2	2.2	4.4	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	7	12	12	12	48	1.2	1.7	2.9	2.9	2.9	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	9	9	9	9	12	48	2.2	2.2	2.2	2.2	2.9	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	7	9	18	48	1.7	1.7	1.7	2.2	4.4	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	9	9	12	12	49	1.7	2.2	2.2	2.9	2.9	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	5	7	9	24	50	1.2	1.2	1.6	2.1	5.6	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	9	9	9	18	50	1.2	2.1	2.1	2.1	4.2	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	5	9	12	12	12	50	1.2	2.1	2.8	2.8	2.8	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	12	12	12	50	1.6	1.6	2.8	2.8	2.8	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	9	9	18	50	1.6	1.6	2.1	2.1	4.2	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	9	9	9	12	12	51	2.1	2.1	2.1	2.8	2.8	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	7	12	18	51	1.6	1.6	1.6	2.8	4.1	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	9	12	12	12	52	1.6	2.0	2.7	2.7	2.7	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	9	9	9	18	52	1.6	2.0	2.0	2.0	4.1	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
	7	7	7	7	24	52	1.6	1.6	1.6	1.6	5.4	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652

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 48 k Btu/h / 4. At least two indoor units should be connected.

COMBINATION TABLE _MULTI

MU5M40 UH0

Operation	Combination of Indoor Unit (kBtu/h)						Heating													
							Each Capacity (kW)					Total Capacity						Input (W)		
												Min		Rating		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	1.7	-	-	-	-	5,250	1.0	5,750	1.7	6,383	1.9	1,428	2,000	2,300
	7	-	-	-	-	7	2.4	-	-	-	-	7,610	1.4	8,050	2.4	8,936	2.6	1,428	2,000	2,300
	9	-	-	-	-	9	3.0	-	-	-	-	7,610	1.8	10,350	3.0	11,489	3.4	1,428	2,080	2,392
	12	-	-	-	-	12	4.0	-	-	-	-	8,280	2.4	13,800	4.0	15,318	4.5	1,428	2,150	2,473
	18	-	-	-	-	18	6.1	-	-	-	-	12,420	3.6	20,700	6.1	22,977	6.7	1,562	2,604	2,860
	24	-	-	-	-	24	8.1	-	-	-	-	16,560	4.9	27,600	8.1	30,636	9.0	1,809	3,015	3,412
2 Unit	5	5	-	-	-	10	1.7	1.7	-	-	-	6,900	2.0	11,500	3.4	12,765	3.7	1,428	2,240	2,576
	5	7	-	-	-	12	1.7	2.4	-	-	-	8,280	2.4	13,800	4.0	15,318	4.5	1,428	2,240	2,576
	5	9	-	-	-	14	1.7	3.0	-	-	-	9,660	2.8	16,100	4.7	17,871	5.2	1,428	2,380	2,642
	7	7	-	-	-	14	2.4	2.4	-	-	-	9,660	2.8	16,100	4.7	17,871	5.2	1,428	2,240	2,576
	7	9	-	-	-	16	2.4	3.0	-	-	-	11,040	3.2	18,400	5.4	20,424	6.0	1,428	2,380	2,642
	5	12	-	-	-	17	1.7	4.0	-	-	-	11,730	3.4	19,550	5.7	21,701	6.4	1,638	2,730	3,004
	9	9	-	-	-	18	3.0	3.0	-	-	-	12,420	3.6	20,700	6.1	22,977	6.7	1,562	2,604	2,860
	7	12	-	-	-	19	2.4	4.0	-	-	-	13,110	3.8	21,850	6.4	24,254	7.1	1,638	2,730	3,004
	9	12	-	-	-	21	3.0	4.0	-	-	-	14,490	4.2	24,150	7.1	26,807	7.9	1,728	2,880	3,292
	5	18	-	-	-	23	1.7	6.1	-	-	-	15,870	4.7	26,450	7.8	29,360	8.6	1,859	3,098	3,540
	12	12	-	-	-	24	4.0	4.0	-	-	-	16,560	4.9	27,600	8.1	30,636	9.0	1,809	3,015	3,412
	7	18	-	-	-	25	2.4	6.1	-	-	-	17,250	5.1	28,750	8.4	31,913	9.4	1,859	3,098	3,540
	9	18	-	-	-	27	3.0	6.1	-	-	-	18,630	5.5	31,050	9.1	34,466	10.1	2,009	3,349	3,818
	5	24	-	-	-	29	1.7	8.1	-	-	-	20,010	5.9	33,350	9.8	37,019	10.8	2,090	3,483	4,234
	12	18	-	-	-	30	4.0	6.1	-	-	-	20,700	6.1	34,500	10.1	38,295	11.2	2,074	3,456	4,165
	7	24	-	-	-	31	2.4	8.1	-	-	-	21,390	6.3	35,650	10.4	39,572	11.6	2,090	3,483	4,234
	9	24	-	-	-	33	3.0	8.1	-	-	-	22,770	6.7	37,950	11.1	42,125	12.3	2,143	3,571	4,464
	18	18	-	-	-	36	6.1	6.1	-	-	-	24,840	7.3	41,400	12.1	45,954	13.5	2,182	3,636	4,655
	12	24	-	-	-	36	4.0	8.1	-	-	-	24,840	7.3	41,400	12.1	45,954	13.5	2,182	3,636	4,655
	18	24	-	-	-	42	5.8	7.7	-	-	-	27,600	8.1	46,000	13.5	51,060	15.0	2,220	3,700	4,843
	24	24	-	-	-	48	6.7	6.7	-	-	-	27,600	8.1	46,000	13.5	51,060	15.0	2,190	3,650	4,843
3 Unit	5	5	5	-	-	15	1.7	1.7	1.7	-	-	10,350	3.0	17,250	5.1	19,148	5.6	1,728	2,880	3,292
	5	5	7	-	-	17	1.7	1.7	2.4	-	-	11,730	3.4	19,550	5.7	21,701	6.4	1,728	2,880	3,292
	5	5	9	-	-	19	1.7	1.7	3.0	-	-	13,110	3.8	21,850	6.4	24,254	7.1	1,749	2,915	3,346
	5	7	7	-	-	19	1.7	2.4	2.4	-	-	13,110	3.8	21,850	6.4	24,254	7.1	1,728	2,880	3,292
	5	7	9	-	-	21	1.7	2.4	3.0	-	-	14,490	4.2	24,150	7.1	26,807	7.9	1,749	2,915	3,346
	7	7	7	-	-	21	2.4	2.4	2.4	-	-	14,490	4.2	24,150	7.1	26,807	7.9	1,728	2,880	3,292
	5	5	12	-	-	22	1.7	1.7	4.0	-	-	15,180	4.4	25,300	7.4	28,083	8.2	1,958	3,264	3,705
	7	7	9	-	-	23	2.4	2.4	3.0	-	-	15,870	4.7	26,450	7.8	29,360	8.6	1,749	2,915	3,346
	5	9	9	-	-	23	1.7	3.0	3.0	-	-	15,870	4.7	26,450	7.8	29,360	8.6	1,859	3,098	3,540
	5	7	12	-	-	24	1.7	2.4	4.0	-	-	16,560	4.9	27,600	8.1	30,636	9.0	1,958	3,264	3,705
	7	9	9	-	-	25	2.4	3.0	3.0	-	-	17,250	5.1	28,750	8.4	31,913	9.4	1,859	3,098	3,540
	5	9	12	-	-	26	1.7	3.0	4.0	-	-	17,940	5.3	29,900	8.8	33,189	9.7	2,055	3,425	3,980
	7	7	12	-	-	26	2.4	2.4	4.0	-	-	17,940	5.3	29,900	8.8	33,189	9.7	1,958	3,264	3,705
	9	9	9	-	-	27	3.0	3.0	3.0	-	-	18,630	5.5	31,050	9.1	34,466	10.1	2,009	3,349	3,818
	7	9	12	-	-	28	2.4	3.0	4.0	-	-	19,320	5.7	32,200	9.4	35,742	10.5	2,055	3,425	3,980
	5	5	18	-	-	28	1.7	1.7	6.1	-	-	19,320	5.7	32,200	9.4	35,742	10.5	2,110	3,517	4,312
	5	12	12	-	-	29	1.7	4.0	4.0	-	-	20,010	5.9	33,350	9.8	37,019	10.8	2,090	3,483	4,234
	5	7	18	-	-	30	1.7	2.4	6.1	-	-	20,700	6.1	34,500	10.1	38,295	11.2	2,110	3,517	4,312
	9	9	12	-	-	30	3.0	3.0	4.0	-	-	20,700	6.1	34,500	10.1	38,295	11.2	2,074	3,456	4,165
	7	12	12	-	-	31	2.4	4.0	4.0	-	-	21,390	6.3	35,650	10.4	39,572	11.6	2,090	3,483	4,234
	5	9	18	-	-	32	1.7	3.0	6.1	-	-	22,080	6.5	36,800	10.8	40,848	12.0	2,162	3,604	4,585
	7	7	18	-	-	32	2.4	2.4	6.1	-	-	22,080	6.5	36,800	10.8	40,848	12.0	2,110	3,517	4,312
	9	12	12	-	-	33	3.0	4.0	4.0	-	-	22,770	6.7	37,950	11.1	42,125	12.3	2,143	3,571	4,464
	7	9	18	-	-	34	2.4	3.0	6.1	-	-	23,460	6.9	39,100	11.5	43,401	12.7	2,162	3,604	4,585
	5	5	24	-	-	34	1.7	1.7	8.1	-	-	23,460	6.9	39,100	11.5	43,401	12.7	2,190	3,650	4,770
	5	12	18	-	-	35	1.7	4.0	6.1	-	-	24,150	7.1	40,250	11.8	44,678	13.1	2,186	3,644	4,745
	5	7	24	-	-	36	1.7	2.4	8.1	-	-	24,840	7.3	41,400	12.1	45,954	13.5	2,190	3,650	4,770
	12	12	12	-	-	36	4.0	4.0	4.0	-	-	24,840	7.3	41,400	12.1	45,954	13.5	2,182	3,636	4,655
	9	9	18	-	-	36	3.0	3.0	6.1	-	-	24,840	7.3	41,400	12.1	45,954	13.5	2,182	3,636	4,655
	7	12	18	-	-	37	2.4	4.0	6.1	-	-	25,530	7.5	42,550	12.5	47,231	13.8	2,186	3,644	4,745
	5	9	24	-	-	38	1.7	3.0	8.1	-	-	26,220	7.7	43,700	12.8	48,507	14.2	2,220	3,700	4,843
	7	7	24	-	-	38	2.4	2.4	8.1	-	-	26,220	7.7	43,700	12.8	48,507	14.2	2,190	3,650	4,770
	9	12	18	-	-	39	3.0	4.0	6.1	-	-	26,910	7.9	44,850	13.1	49,784	14.6	2,204	3,674	4,811
	7	9	24	-	-	40	2.4	3.0	8.1	-	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	12	24	-	-	41	1.6	3.9	7.9	-	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	18	18	-	-	41	1.6	5.9	5.9	-	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	12	12	18	-	-	42	3.9	3.9	5.8	-	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	9	9	24	-	-	42	2.9	2.9	7.7	-	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	7	18	18	-	-	43	2.2	5.6	5.6	-	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	7	12	24	-	-	43	2.2	3.8	7.5	-	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	9	18	18	-	-	45	2.7	5.4	5.4	-	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	9	12	24	-	-	45	2.7	3.6	7.2	-	-	27,600	8.1	46,000	13.5	51,000	14.9	2,220	3,700	4,843
	5	18	24	-	-	47	1.4	5.2	6.9	-	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	12	18	18	-	-	48	3.4	5.1	5.1	-	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	12	12	24	-	-	48	3.4	3.4	6.7	-	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	18	24	-	-	49	1.9	5.0	6.6	-	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	9	18	24	-	-	51	2.4	4.8	6.3	-	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
4 Unit	5	5	5	5	-	20	1.7	1.7	1.7	1.7	-	13,800	4.0	23,000	6.7	25,530	7.5	2,055	3,425	3,980
	5	5	5	7	-	22	1.7	1.7	1.7	2.4	-	15,180	4.4	25,300	7.4	28,083	8.2	2,055	3,425	3,980
	5	5	5	9	-	24	1.7	1.7	1.7	3.0	-	16,560	4.9	27,600	8.1	30,636	9.0	2,074	3,456	4,165
	5	5	7	7	-	24	1.7	1.7	2.4	2.4	-	16,560	4.9	27,600	8.1	30,636	9.0	2,055	3,425	3,980
	5	5	7	9	-	26	1.7	1.7	2.4	3.0	-	17,940	5.3	29,900	8.8	33,189	9.7	2,074	3,456	4,165
	5	7	7	7	-	26	1.7	2.4	2.4	2.4	-	17,940	5.3	29,900	8.8	33,189	9.7	2,055	3,425	3,980
	5	5	5	12	-	27	1.7	1.7	1.7	4.0	-	18,630	5.5	31,050	9.1	34,466	10.1	2,204	3,674	4,811
	5	5	9	9	-	28	1.7	1.7	3.0	3.0	-	19,320	5.7	32,200	9.4	35,742	10.5	2,110	3,517	4,312
	5	7	7	9	-	28	1.7	2.4	2.4	3.0	-	19,320	5.7	32,200	9.4	35,742	10.5	2,110	3,517	4,312
	7	7	7	7	-	28	2.4	2.4	2.4	2.4	-	19,320	5.7	32,200	9.4	35,742	10.5	2,074	3,456	4,165
	5	5	7	12	-	29	1.7	1.7	2.4	4.0	-	20,010	5.9	33,350	9.8	37,019	10.8	2,143	3,571	4,464
	5	7	9	9	-	30	1.7	2.4	3.0	3.0	-	20,700	6.1	34,500	10.1	38,295	11.2	2,110	3,517	4,312

MU5M40 UH0

Operation	Combination of Indoor Unit (kBtu/h)						Heating													
							Each Capacity (kW)					Total Capacity						Input (W)		
												Min		Rating		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	7	7	7	9	-	30	2.4	2.4	2.4	3.0	-	20,700	6.1	34,500	10.1	38,295	11.2	2,074	3,456	4,165
	5	5	9	12	-	31	1.7	1.7	3.0	4.0	-	21,390	6.3	35,650	10.4	39,572	11.6	2,167	3,612	4,606
	5	7	7	12	-	31	1.7	2.4	2.4	4.0	-	21,390	6.3	35,650	10.4	39,572	11.6	2,143	3,571	4,464
	7	7	9	9	-	32	2.4	2.4	3.0	3.0	-	22,080	6.5	36,800	10.8	40,848	12.0	2,110	3,517	4,312
	5	9	9	9	-	32	1.7	3.0	3.0	3.0	-	22,080	6.5	36,800	10.8	40,848	12.0	2,162	3,604	4,585
	5	5	5	18	-	33	1.7	1.7	1.7	6.1	-	22,770	6.7	37,950	11.1	42,125	12.3	2,204	3,674	4,811
	5	7	9	12	-	33	1.7	2.4	3.0	4.0	-	22,770	6.7	37,950	11.1	42,125	12.3	2,167	3,612	4,606
	7	7	7	12	-	33	2.4	2.4	2.4	4.0	-	22,770	6.7	37,950	11.1	42,125	12.3	2,143	3,571	4,464
	5	5	12	12	-	34	1.7	1.7	4.0	4.0	-	23,460	6.9	39,100	11.5	43,401	12.7	2,190	3,650	4,770
	7	9	9	9	-	34	2.4	3.0	3.0	3.0	-	23,460	6.9	39,100	11.5	43,401	12.7	2,162	3,604	4,585
	5	5	7	18	-	35	1.7	1.7	2.4	6.1	-	24,150	7.1	40,250	11.8	44,678	13.1	2,204	3,674	4,811
	5	9	9	12	-	35	1.7	3.0	3.0	4.0	-	24,150	7.1	40,250	11.8	44,678	13.1	2,186	3,644	4,745
	7	7	9	12	-	35	2.4	2.4	3.0	4.0	-	24,150	7.1	40,250	11.8	44,678	13.1	2,167	3,612	4,606
	5	7	12	12	-	36	1.7	2.4	4.0	4.0	-	24,840	7.3	41,400	12.1	45,954	13.5	2,190	3,650	4,770
	9	9	9	9	-	36	3.0	3.0	3.0	3.0	-	24,840	7.3	41,400	12.1	45,954	13.5	2,182	3,636	4,655
	5	5	9	18	-	37	1.7	1.7	3.0	6.1	-	25,530	7.5	42,550	12.5	47,231	13.8	2,220	3,700	4,843
	5	7	7	18	-	37	1.7	2.4	2.4	6.1	-	25,530	7.5	42,550	12.5	47,231	13.8	2,204	3,674	4,811
	7	9	9	12	-	37	2.4	3.0	3.0	4.0	-	25,530	7.5	42,550	12.5	47,231	13.8	2,186	3,644	4,745
	7	7	12	12	-	38	2.4	2.4	4.0	4.0	-	26,220	7.7	43,700	12.8	48,507	14.2	2,190	3,650	4,770
	5	5	5	24	-	39	1.7	1.7	1.7	8.1	-	26,910	7.9	44,850	13.1	49,784	14.6	2,220	3,700	4,843
	5	7	9	18	-	39	1.7	2.4	3.0	6.1	-	26,910	7.9	44,850	13.1	49,784	14.6	2,220	3,700	4,843
	9	9	9	12	-	39	3.0	3.0	3.0	4.0	-	26,910	7.9	44,850	13.1	49,784	14.6	2,204	3,674	4,811
	7	7	7	18	-	39	2.4	2.4	2.4	6.1	-	26,910	7.9	44,850	13.1	49,784	14.6	2,204	3,674	4,811
	7	9	12	12	-	40	2.4	3.0	4.0	4.0	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	5	7	24	-	41	1.6	1.6	2.3	7.9	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	12	12	12	-	41	1.6	3.9	3.9	3.9	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	7	7	9	18	-	41	2.3	2.3	3.0	5.9	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	9	9	12	12	-	42	2.9	2.9	3.9	3.9	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	7	12	12	12	-	43	2.2	3.8	3.8	3.8	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	7	9	9	18	-	43	2.2	2.8	2.8	5.6	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	7	7	12	18	-	44	2.1	2.1	3.7	5.5	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	9	12	12	12	-	45	2.7	3.6	3.6	3.6	-	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	9	9	9	18	-	45	2.7	2.7	2.7	5.4	-	27,600	8.1	46,000	13.5	51,000	14.9	2,220	3,700	4,843
	7	7	7	24	-	45	2.1	2.1	2.1	7.2	-	27,600	8.1	46,000	13.5	51,000	14.9	2,220	3,700	4,843
	7	9	12	18	-	46	2.1	2.6	3.5	5.3	-	27,600	8.1	46,000	13.5	51,000	14.9	2,220	3,700	4,843
	5	5	18	18	-	46	1.5	1.5	5.3	5.3	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	12	12	18	-	47	1.4	3.4	3.4	5.2	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	9	24	-	47	2.0	2.0	2.6	6.9	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	7	18	18	-	48	1.4	2.0	5.1	5.1	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	12	12	12	12	-	48	3.4	3.4	3.4	3.4	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	9	9	12	18	-	48	2.5	2.5	3.4	5.1	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	12	12	18	-	49	1.9	3.3	3.3	5.0	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	9	9	24	-	49	1.9	2.5	2.5	6.6	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	9	18	18	-	50	1.3	2.4	4.9	4.9	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	12	24	-	50	1.9	1.9	3.2	6.5	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	18	18	-	50	1.9	1.9	4.9	4.9	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	9	12	12	18	-	51	2.4	3.2	3.2	4.8	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	9	9	9	24	-	51	2.4	2.4	2.4	6.3	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	5	18	24	-	52	1.3	1.3	4.7	6.2	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	9	12	24	-	52	1.8	2.3	3.1	6.2	-	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
5 Unit	5	5	5	5	5	25	1.7	1.7	1.7	1.7	1.7	17,250	5.1	28,750	8.4	31,913	9.4	2,167	3,612	4,606
	5	5	5	5	7	27	1.7	1.7	1.7	1.7	2.4	18,630	5.5	31,050	9.1	34,466	10.1	2,167	3,612	4,606
	5	5	5	5	9	29	1.7	1.7	1.7	1.7	3.0	20,010	5.9	33,350	9.8	37,019	10.8	2,186	3,644	4,745
	5	5	5	7	7	29	1.7	1.7	1.7	2.4	2.4	20,010	5.9	33,350	9.8	37,019	10.8	2,167	3,612	4,606
	5	5	5	7	9	31	1.7	1.7	1.7	2.4	3.0	21,390	6.3	35,650	10.4	39,572	11.6	2,186	3,644	4,745
	5	5	7	7	7	31	1.7	1.7	2.4	2.4	2.4	21,390	6.3	35,650	10.4	39,572	11.6	2,167	3,612	4,606
	5	5	5	5	12	32	1.7	1.7	1.7	1.7	4.0	22,080	6.5	36,800	10.8	40,848	12.0	2,220	3,700	4,843
	5	5	5	9	9	33	1.7	1.7	1.7	3.0	3.0	22,770	6.7	37,950	11.1	42,125	12.3	2,204	3,674	4,811
	5	5	7	7	9	33	1.7	1.7	2.4	2.4	3.0	22,770	6.7	37,950	11.1	42,125	12.3	2,186	3,644	4,745
	5	7	7	7	7	33	1.7	2.4	2.4	2.4	2.4	22,770	6.7	37,950	11.1	42,125	12.3	2,167	3,612	4,606
	5	5	5	7	12	34	1.7	1.7	1.7	2.4	4.0	23,460	6.9	39,100	11.5	43,401	12.7	2,220	3,700	4,843
	5	7	7	7	9	35	1.7	2.4	2.4	2.4	3.0	24,150	7.1	40,250	11.8	44,678	13.1	2,186	3,644	4,745
	7	7	7	7	7	35	2.4	2.4	2.4	2.4	2.4	24,150	7.1	40,250	11.8	44,678	13.1	2,167	3,612	4,606
	5	5	5	9	12	36	1.7	1.7	1.7	3.0	4.0	24,840	7.3	41,400	12.1	45,954	13.5	2,220	3,700	4,843
	5	5	7	7	12	36	1.7	1.7	2.4	2.4	4.0	24,840	7.3	41,400	12.1	45,954	13.5	2,220	3,700	4,843
	5	5	9	9	9	37	1.7	1.7	3.0	3.0	3.0	25,530	7.5	42,550	12.5	47,231	13.8	2,220	3,700	4,843
	5	7	7	9	9	37	1.7	2.4	2.4	3.0	3.0	25,530	7.5	42,550	12.5	47,231	13.8	2,220	3,700	4,843
	7	7	7	7	9	37	2.4	2.4	2.4	2.4	3.0	25,530	7.5	42,550	12.5	47,231	13.8	2,186	3,644	4,745
	5	5	5	5	18	38	1.7	1.7	1.7	1.7	6.1	26,220	7.7	43,700	12.8	48,507	14.2	2,220	3,700	4,843
	5	7	7	7	12	38	1.7	2.4	2.4	2.4	4.0	26,220	7.7	43,700	12.8	48,507	14.2	2,220	3,700	4,843
	5	5	5	12	12	39	1.7	1.7	1.7	4.0	4.0	26,910	7.9	44,850	13.1	49,784	14.6	2,220	3,700	4,843
	7	7	7	9	9	39	2.4	2.4	2.4	3.0	3.0	26,910	7.9	44,850	13.1	49,784	14.6	2,204	3,674	4,811
	5	7	9	9	9	39	1.7	2.4	3.0	3.0	3.0	26,910	7.9	44,850	13.1	49,784	14.6	2,220	3,700	4,843
	5	5	5	7	18	40	1.7	1.7	1.7	2.4	6.1	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	5	9	9	12	40	1.7	1.7	3.0	3.0	4.0	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	7	7	9	12	40	1.7	2.4	2.4	3.0	4.0	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	7	7	7	7	12	40	2.4	2.4	2.4	2.4	4.0	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	9	9	9	9	41	1.6	3.0	3.0	3.0	3.0	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	7	7	9	9	9	41	2.3	2.3	3.0	3.0	3.0	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	5	5	9	18	42	1.6	1.6	1.6	2.9	5.8	27,600	8.1	46,000	13.5	50,000	14.7	2,190	3,650	4,843
	5	5	7	7	18	42	1.6	1.6	2.2	2.2	5.8	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	7	9	9	12	42	1.6	2.2	2.9	2.9	3.9	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	7	7	7	9	12	42	2.2	2.2	2.2	2.9	3.9	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	7	7	12	12	43	1.6	2.2	2.2	3.8	3.8	27,600	8.1	46,000	13.5	50,000	14.7	2,190	3,650	4,843
	7	9	9	9	9	43	2.2	2.8	2.8	2.8	2.8	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	5	5	5	24	44	1.5	1.5	1.5	1.5	7.4	27,600	8.1	46,000	13.5	50,000	14.7	2,190	3,650	4,843
	5	7	7	7	18	44	1.5	2.1	2.1	2.1	5.5	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	9	9	9	12	44	1.5	2.8	2.8	2.8	3.7	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	7	7	9	9	12	44	2.1	2.1	2.8	2.8	3.7	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
	5	5	5	12	18	45	1.5	1.5	1.5	3.6	5.4	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	7	9	12	12	45	1.5	2.1	2.7	3.6	3.6	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	7	12	12	45	2.1	2.1	2.1	3.6	3.6	27,600	8.1	46,000	13.5	51,000	14.9	2,220	3,700	4,843
	9	9	9	9	9	45	2.7	2.7	2.7	2.7	2.7	27,600	8.1	46,000	13.5	51,000	14.9	2,220	3,700	4,843
	5	5	5	7	24	46	1.5	1.5	1.5	2.1	7.0	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	5	9	9	18	46	1.5	1.5	2.6	2.6	5.3	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	5	12	12	12	46	1.5	1.5	3.5	3.5	3.5	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	7	7	9	18	46	1.5	2.1	2.1	2.6	5.3	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	7	7	18	46	2.1	2.1	2.1	2.1	5.3	27,600	8.1	46,000	13.5	51,000	14.9	2,220	3,700	4,843
	7	9	9	9	12	46	2.1	2.6	2.6	2.6	3.5	27,600	8.1	46,000	13.5	51,000	14.9	2,220	3,700	4,843
	5	9	9	12	12	47	1.4	2.6	2.6	3.4	3.4	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	9	12	12	47	2.0	2.0	2.6	3.4	3.4	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	5	5	9	24	48	1.4	1.4	1.4	2.5	6.7	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	5	7	7	24	48	1.4	1.4	2.0	2.0	6.7	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	7	9	9	18	48	1.4	2.0	2.5	2.5	5.1	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	7	12	12	12	48	1.4	2.0	3.4	3.4	3.4	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	9	9	9	9	12	48	2.5	2.5	2.5	2.5	3.4	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	7	9	18	48	2.0	2.0	2.0	2.5	5.1	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	9	9	12	12	49	1.9	2.5	2.5	3.3	3.3	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	5	7	9	24	50	1.3	1.3	1.9	2.4	6.5	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	9	9	9	18	50	1.3	2.4	2.4	2.4	4.9	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	5	9	12	12	12	50	1.3	2.4	3.2	3.2	3.2	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	12	12	12	50	1.9	1.9	3.2	3.2	3.2	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	9	9	18	50	1.9	1.9	2.4	2.4	4.9	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	9	9	9	12	12	51	2.4	2.4	2.4	3.2	3.2	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	7	12	18	51	1.9	1.9	1.9	3.2	4.8	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	9	12	12	12	52	1.8	2.3	3.1	3.1	3.1	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	9	9	9	18	52	1.8	2.3	2.3	2.3	4.7	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
	7	7	7	7	24	52	1.8	1.8	1.8	1.8	6.2	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843

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 48 k Btu/h / 4. At least two indoor units should be connected.

COMBINATION TABLE _MULTI

FM40AH UH5

Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Input (W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
16	9,600	2.8	16,000	4.7	18,400	5.4	1,038	1,730	2,140
18	10,800	3.2	18,000	5.3	20,700	6.1	1,107	1,845	2,280
19	11,400	3.3	19,000	5.6	21,850	6.4	1,136	1,894	2,360
21	12,600	3.7	21,000	6.2	24,150	7.1	1,244	2,074	2,575
23	13,800	4.0	23,000	6.7	26,450	7.7	1,317	2,195	2,708
24	14,400	4.2	24,000	7.0	27,600	8.1	1,420	2,366	2,960
25	15,000	4.4	25,000	7.3	28,750	8.4	1,459	2,432	3,024
26	15,600	4.6	26,000	7.6	29,900	8.8	1,501	2,502	3,140
27	16,200	4.7	27,000	7.9	31,050	9.1	1,536	2,560	3,190
28	16,800	4.9	28,000	8.2	32,200	9.4	1,593	2,655	3,310
30	18,000	5.3	30,000	8.8	34,500	10.1	1,688	2,814	3,487
31	18,600	5.4	31,000	9.1	35,650	10.4	1,696	2,826	3,524
32	19,200	5.6	32,000	9.4	36,800	10.8	1,755	2,925	3,640
33	19,800	5.8	33,000	9.7	37,950	11.1	1,788	2,980	3,712
34	20,400	6.0	34,000	10.0	39,100	11.5	1,872	3,120	3,820
35	21,000	6.2	35,000	10.3	40,250	11.8	1,944	3,240	4,068
36	21,600	6.3	36,000	10.5	41,400	12.1	2,020	3,366	4,232
37	22,200	6.5	37,000	10.8	42,550	12.5	2,106	3,510	4,410
38	22,800	6.7	38,000	11.1	43,700	12.8	2,144	3,574	4,500
39	23,400	6.9	39,000	11.4	44,850	13.1	2,173	3,621	4,570
40	24,000	7.0	40,000	11.7	45,000	13.5	2,178	3,630	4,652
41	24,000	7.0	40,000	11.7	45,000	13.5	2,190	3,650	4,652
42	24,000	7.0	40,000	11.7	45,000	13.5	2,190	3,650	4,652
43	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
44	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
45	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
46	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
47	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
48	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
49	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
50	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
51	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
52	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652

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Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Input (W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
16	11,040	3.2	18,400	5.4	20,424	6.0	1,428	2,380	2,642
18	12,420	3.6	20,700	6.1	22,977	6.7	1,562	2,604	2,860
19	13,110	3.8	21,850	6.4	24,254	7.1	1,638	2,730	3,004
21	14,490	4.2	24,150	7.1	26,807	7.9	1,728	2,880	3,292
23	15,870	4.6	26,450	7.7	29,360	8.6	1,749	2,915	3,346
24	16,560	4.9	27,600	8.1	30,636	9.0	1,809	3,015	3,412
25	17,250	5.1	28,750	8.4	31,913	9.4	1,859	3,098	3,540
26	17,940	5.3	29,900	8.8	33,189	9.7	1,958	3,264	3,705
27	18,630	5.5	31,050	9.1	34,466	10.1	2,009	3,349	3,818
28	19,320	5.7	32,200	9.4	35,742	10.5	2,055	3,425	3,980
30	20,700	6.1	34,500	10.1	38,295	11.2	2,074	3,456	4,165
31	21,390	6.3	35,650	10.4	39,572	11.6	2,090	3,483	4,234
32	22,080	6.5	36,800	10.8	40,848	12.0	2,110	3,517	4,312
33	22,770	6.7	37,950	11.1	42,125	12.3	2,143	3,571	4,464
34	23,460	6.9	39,100	11.5	43,401	12.7	2,162	3,604	4,585
35	24,150	7.1	40,250	11.8	44,678	13.1	2,167	3,612	4,606
36	24,840	7.3	41,400	12.1	45,954	13.5	2,182	3,636	4,655
37	25,530	7.5	42,550	12.5	47,231	13.8	2,186	3,644	4,745
38	26,220	7.7	43,700	12.8	48,507	14.2	2,190	3,650	4,770
39	26,910	7.9	44,850	13.1	49,784	14.6	2,204	3,674	4,811
40	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
41	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
42	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
43	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
44	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
45	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
46	27,600	8.1	46,000	13.5	51,000	14.9	2,220	3,700	4,843
47	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
48	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
49	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
50	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
51	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843
52	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,843

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 k 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)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11,400	3.3	19,000	5.6	20,900	6.1	841	1,401	1,611
20	12,000	3.5	20,000	5.9	22,000	6.4	883	1,472	1,693
21	12,600	3.7	21,000	6.2	23,100	6.8	926	1,543	1,774
22	13,200	3.9	22,000	6.4	24,200	7.1	968	1,614	1,856
23	13,800	4.0	23,000	6.7	25,300	7.4	1,011	1,684	1,937
24	14,400	4.2	24,000	7.0	26,400	7.7	1,053	1,755	2,019
25	15,000	4.4	25,000	7.3	27,500	8.1	1,096	1,826	2,100
26	15,600	4.6	26,000	7.6	28,560	8.4	1,161	1,935	2,225
27	16,200	4.7	27,000	7.9	29,610	8.7	1,227	2,044	2,351
28	16,800	4.9	28,000	8.2	30,670	9.0	1,292	2,153	2,476
29	17,400	5.1	29,000	8.5	31,720	9.3	1,357	2,262	2,602
30	18,000	5.3	30,000	8.8	32,780	9.6	1,423	2,372	2,727
31	18,600	5.5	31,000	9.1	33,830	9.9	1,488	2,481	2,853
32	19,200	5.6	32,000	9.4	34,890	10.2	1,554	2,590	2,978
33	19,800	5.8	33,000	9.7	35,940	10.5	1,619	2,699	3,104
34	20,400	6.0	34,000	10.0	37,000	10.8	1,685	2,808	3,229
35	21,000	6.2	35,000	10.3	38,050	11.2	1,750	2,917	3,355
36	21,600	6.3	36,000	10.5	39,600	11.6	1,816	3,026	3,480
37	22,200	6.5	37,000	10.8	40,700	11.9	1,859	3,099	3,564
38	22,800	6.7	38,000	11.1	41,800	12.2	1,903	3,172	3,648
39	23,400	6.9	39,000	11.4	42,900	12.6	1,947	3,245	3,732
40	24,000	7.0	40,000	11.7	44,000	12.9	1,991	3,318	3,816
41	24,600	7.2	41,000	12.0	46,100	13.5	2,035	3,391	3,900
42	25,200	7.4	42,000	12.3	46,850	13.7	2,121	3,536	4,066
43	25,800	7.6	43,000	12.6	47,590	13.9	2,208	3,680	4,232
44	26,400	7.7	44,000	12.9	48,340	14.2	2,295	3,824	4,398
45	27,000	7.9	45,000	13.2	49,080	14.4	2,381	3,969	4,564
46	27,600	8.1	46,000	13.5	49,830	14.6	2,468	4,113	4,730
47	28,200	8.3	47,000	13.8	50,570	14.8	2,554	4,257	4,896
48	28,800	8.4	48,000	14.1	52,800	15.5	2,712	4,520	5,062
49	29,400	8.6	48,343	14.2	53,177	15.6	2,712	4,520	5,062
50	30,000	8.8	48,686	14.3	53,554	15.7	2,720	4,533	5,077
51	30,600	9.0	49,029	14.4	53,931	15.8	2,728	4,546	5,077
52	31,200	9.1	49,372	14.5	54,308	15.9	2,735	4,559	5,106
53	31,800	9.3	49,715	14.6	54,685	16.0	2,743	4,572	5,121
54	32,400	9.5	50,058	14.7	55,062	16.1	2,751	4,585	5,135
55	33,000	9.7	50,401	14.8	55,439	16.2	2,759	4,598	5,150
56	33,600	9.8	50,744	14.9	55,816	16.4	2,767	4,611	5,164
57	34,200	10.0	51,087	15.0	56,193	16.5	2,774	4,624	5,179
58	34,800	10.2	51,430	15.1	56,570	16.6	2,782	4,637	5,350
59	35,400	10.4	51,773	15.2	56,947	16.7	2,790	4,650	5,350
60	36,000	10.5	52,116	15.3	57,324	16.8	2,798	4,663	5,350
61	36,600	10.7	52,459	15.4	57,701	16.9	2,806	4,676	5,350
62	37,200	10.9	52,800	15.5	58,080	17.0	2,813	4,689	5,350

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Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Input(W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	12,768	3.7	21,280	6.2	22,897	6.7	1,301	2,168	2,494
20	13,440	3.9	22,400	6.6	24,014	7.0	1,350	2,250	2,588
21	14,112	4.1	23,520	6.9	25,131	7.4	1,399	2,332	2,681
22	14,784	4.3	24,640	7.2	26,249	7.7	1,448	2,413	2,775
23	15,456	4.5	25,760	7.5	27,366	8.0	1,497	2,495	2,869
24	16,128	4.7	26,880	7.9	28,483	8.3	1,546	2,576	2,963
25	16,800	4.9	28,000	8.2	29,600	8.7	1,643	2,739	3,150
26	17,472	5.1	29,120	8.5	30869	9.0	1,696	2,826	3,250
27	18,144	5.3	30,240	8.9	32,138	9.4	1,748	2,913	3,350
28	18,816	5.5	31,360	9.2	33,407	9.8	1,800	3,000	3,450
29	19,488	5.7	32,480	9.5	34,676	10.2	1,852	3,087	3,550
30	20,160	5.9	33,600	9.8	35,945	10.5	1,904	3,174	3,650
31	20,832	6.1	34,720	10.2	37,215	10.9	1,957	3,261	3,750
32	21,504	6.3	35,840	10.5	38,484	11.3	2,009	3,348	3,850
33	22,176	6.5	36,960	10.8	39,753	11.6	2,061	3,435	3,950
34	22,848	6.7	38,080	11.2	41,022	12.0	2,113	3,522	4,050
35	23,520	6.9	39,200	11.5	42,291	12.4	2,165	3,609	4,150
36	24,192	7.1	40,320	11.8	43,560	12.8	2,217	3,696	4,250
37	24,864	7.3	41,440	12.1	44,648	13.1	2,264	3,774	4,340
38	25,536	7.5	42,560	12.5	45,736	13.4	2,306	3,843	4,420
39	26,208	7.7	43,680	12.8	46,824	13.7	2,347	3,911	4,498
40	26,880	7.9	44,800	13.1	47,912	14.0	2,386	3,977	4,573
41	27,552	8.1	45,920	13.5	49,000	14.4	2,452	4,087	4,700
42	28,224	8.3	47,040	13.8	50,484	14.8	2,473	4,122	4,740
43	28,896	8.5	48,160	14.1	51,968	15.2	2,508	4,181	4,808
44	29,568	8.7	49,280	14.4	53,452	15.7	2,544	4,239	4,875
45	30,240	8.9	50,400	14.8	54,936	16.1	2,579	4,298	4,943
46	30,912	9.1	51,520	15.1	56,420	16.5	2,614	4,357	5,011
47	31,584	9.3	52,640	15.4	57,904	17.0	2,650	4,416	5,078
48	28,800	8.4	54,000	15.8	56,000	16.4	2,685	4,475	5,146
49	29,400	8.6	54,143	15.9	56,214	16.5	2,720	4,534	5,214
50	30,000	8.8	54,286	15.9	56,428	16.5	2,756	4,593	5,282
51	30,600	9.0	54,429	15.9	56,642	16.6	2,791	4,652	5,349
52	31,200	9.1	54,572	16.0	56,856	16.7	2,826	4,710	5,417
53	31,800	9.3	54,715	16.0	57,070	16.7	2,847	4,745	5,457
54	32,400	9.5	54,858	16.1	57,284	16.8	2,911	4,852	5,580
55	33,000	9.7	55,001	16.1	57,498	16.8	2,922	4,870	5,600
56	33,600	9.8	55,144	16.2	57,712	16.9	2,736	4,560	5,400
57	34,200	10.0	55,287	16.2	57,926	17.0	2,736	4,560	5,340
58	34,800	10.2	55,430	16.2	58,140	17.0	2,736	4,560	5,340
59	35,400	10.4	55,573	16.3	58,354	17.1	2,736	4,560	5,340
60	36,000	10.5	55,716	16.3	58,568	17.2	2,739	4,565	5,340
61	36,600	10.7	55,859	16.4	58,782	17.2	2,655	4,425	5,340
62	37,200	10.9	56,000	16.4	59,000	17.3	2,658	4,430	5,340

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 19~62 k Btu/h (40%~130%)
5.At least two indoor units should be connected.

COMBINATION TABLE _MULTI

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Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Input(W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
23	13,800	4.0	23,000	6.7	25,300	7.4	1,011	1,684	1,937
24	14,400	4.2	24,000	7.0	26,400	7.7	1,053	1,755	2,019
25	15,000	4.4	25,000	7.3	28,000	8.2	1,096	1,826	2,100
26	15,600	4.6	26,000	7.6	29,060	8.5	1,161	1,935	2,225
27	16,200	4.7	27,000	7.9	30,110	8.8	1,227	2,044	2,351
28	16,800	4.9	28,000	8.2	31,170	9.1	1,292	2,153	2,476
29	17,400	5.1	29,000	8.5	32,220	9.4	1,357	2,262	2,602
30	18,000	5.3	30,000	8.8	33,280	9.8	1,423	2,372	2,727
31	18,600	5.5	31,000	9.1	34,330	10.1	1,488	2,481	2,853
32	19,200	5.6	32,000	9.4	35,390	10.4	1,554	2,590	2,978
33	19,800	5.8	33,000	9.7	36,440	10.7	1,619	2,699	3,104
34	20,400	6.0	34,000	10.0	37,500	11.0	1,685	2,808	3,229
35	21,000	6.2	35,000	10.3	38,550	11.3	1,750	2,917	3,355
36	21,600	6.3	36,000	10.5	39,600	11.6	1,816	3,026	3,480
37	22,200	6.5	37,000	10.8	40,700	11.9	1,859	3,099	3,564
38	22,800	6.7	38,000	11.1	41,800	12.2	1,903	3,172	3,648
39	23,400	6.9	39,000	11.4	42,900	12.6	1,947	3,245	3,732
40	24,000	7.0	40,000	11.7	44,000	12.9	1,991	3,318	3,816
41	24,600	7.2	41,000	12.0	46,100	13.5	2,035	3,391	3,900
42	25,200	7.4	42,000	12.3	46,850	13.7	2,083	3,472	3,993
43	25,800	7.6	43,000	12.6	47,590	13.9	2,132	3,553	4,086
44	26,400	7.7	44,000	12.9	48,340	14.2	2,180	3,634	4,179
45	27,000	7.9	45,000	13.2	49,080	14.4	2,229	3,714	4,271
46	27,600	8.1	46,000	13.5	49,830	14.6	2,277	3,795	4,364
47	28,200	8.3	47,000	13.8	50,570	14.8	2,325	3,876	4,457
48	28,800	8.4	48,000	14.1	51,320	15.0	2,374	3,957	4,550
49	29,400	8.6	48,625	14.2	52,060	15.3	2,422	4,037	4,643
50	30,000	8.8	49,250	14.4	52,810	15.5	2,471	4,118	4,736
51	30,600	9.0	49,875	14.6	53,550	15.7	2,519	4,199	4,829
52	31,200	9.1	50,500	14.8	54,300	15.9	2,568	4,280	4,921
53	31,800	9.3	51,125	15.0	55,050	16.1	2,616	4,360	5,014
54	32,400	9.5	51,750	15.2	55,800	16.4	2,713	4,522	5,200
55	33,000	9.7	52,375	15.3	56,850	16.7	2,817	4,696	5,400
56	33,600	9.8	53,000	15.5	57,900	17.0	2,896	4,826	5,550
57	34,200	10.0	53,236	15.6	58,900	17.3	2,896	4,826	5,650
58	34,800	10.2	53,472	15.7	59,170	17.3	2,896	4,826	5,650
59	35,400	10.4	53,708	15.7	59,440	17.4	2,946	4,910	5,650
60	36,000	10.5	53,944	15.8	59,710	17.5	2,946	4910	5,650
61	36,600	10.7	54,180	15.9	59,980	17.6	2,946	4,910	5,650
62	37,200	10.9	54,416	15.9	60,250	17.7	2,946	4,910	5,650
63	37,800	11.1	54,652	16.0	60,520	17.7	2,946	4,910	5,650
64	38,400	11.3	54,888	16.1	60,790	17.8	2,946	4,910	5,650
65	39,000	11.4	55,124	16.2	61,060	17.9	2,946	4,910	5,650
66	39,600	11.6	55,360	16.2	61,330	18.0	2,946	4,910	5,650
67	40,200	11.8	55,596	16.3	61,600	18.1	2,977	4,961	5,650
68	40,800	12.0	55,832	16.4	61,870	18.1	2,977	4,961	5,650
69	41,400	12.1	56,068	16.4	62,140	18.2	2,977	4,961	5,650
70	42,000	12.3	56,304	16.5	62,410	18.3	2,977	4,961	5,650
71	42,600	12.5	56,540	16.6	62,680	18.4	2,977	4,961	5,650
72	43,200	12.7	56,776	16.6	62,950	18.4	2,977	4,961	5,650
73	43,800	12.8	57,012	16.7	63,200	18.5	2,977	4,961	5,650

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Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Input(W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
23	15,456	4.5	25,760	7.5	27,365	8.0	1,497	2,495	2,869
24	16,128	4.7	26,880	7.9	28,482	8.3	1,546	2,576	2,963
25	16,800	4.9	28,000	8.2	29,600	8.7	1,643	2,739	3,150
26	17,472	5.1	29,120	8.5	30,869	9.0	1,696	2,826	3,250
27	18,144	5.3	30,240	8.9	32,138	9.4	1,743	2,906	3,342
28	18,816	5.5	31,360	9.2	33,407	9.8	1,791	2,986	3,433
29	19,488	5.7	32,480	9.5	34,676	10.2	1,839	3,065	3,525
30	20,160	5.9	33,600	9.8	35,945	10.5	1,887	3,145	3617
31	20,832	6.1	34,720	10.2	37,214	10.9	1,935	3,225	3,708
32	21,504	6.3	35,840	10.5	38,483	11.3	1,983	3,304	3,800
33	22,176	6.5	36,960	10.8	39,752	11.6	2,030	3,384	3,892
34	22,848	6.7	38,080	11.2	41,021	12.0	2,078	3,464	3,983
35	23,520	6.9	39,200	11.5	42,290	12.4	2,126	3,543	4,075
36	24,192	7.1	40,320	11.8	43,560	12.8	2,217	3,696	4,250
37	24,864	7.3	41,440	12.1	44,648	13.1	2,264	3,774	4,340
38	25,536	7.5	42,560	12.5	45,736	13.4	2,311	3,852	4,430
39	26,208	7.7	43,680	12.8	46,824	13.7	2,358	3,930	4,520
40	26,880	7.9	44,800	13.1	47,912	14.0	2,405	4,009	4,610
41	27,552	8.1	45,920	13.5	49,000	14.4	2,452	4,087	4,700
42	28,224	8.3	47,040	13.8	50,286	14.7	2,487	4,146	4,768
43	28,896	8.5	48,160	14.1	51,572	15.1	2,523	4,205	4,835
44	29,568	8.7	49,280	14.4	52,858	15.5	2,558	4,264	4,903
45	30,240	8.9	50,400	14.8	54,144	15.9	2,593	4,322	4,971
46	30,912	9.1	51,520	15.1	55,430	16.2	2,629	4,381	5,038
47	31,584	9.3	52,640	15.4	56,716	16.6	2,664	4,440	5,106
48	28,800	8.4	53,000	15.5	58,000	17.0	2,699	4,499	5,174
49	29,400	8.6	53,500	15.7	58,292	17.1	2,735	4,558	5,242
50	30,000	8.8	54,000	15.8	58,584	17.2	2,770	4,617	5,309
51	30,600	9.0	54,500	16.0	58,876	17.3	2,805	4,676	5,377
52	31,200	9.1	55,000	16.1	59,168	17.3	2,841	4,734	5,445
53	31,800	9.3	55,500	16.3	59,460	17.4	2,876	4,793	5,512
54	32,400	9.5	56,000	16.4	59,750	17.5	2,911	4,852	5,580
55	33,000	9.7	56,500	16.6	60,375	17.7	2,817	4,696	5,400
56	33,600	9.8	57,000	16.7	61,000	17.9	2,736	4,560	5,340
57	34,200	10.0	57,236	16.8	61,176	17.9	2,736	4,560	5,340
58	34,800	10.2	57,472	16.8	61,353	18.0	2,736	4,560	5,371
59	35,400	10.4	57,708	16.9	61,529	18.0	2,736	4,560	5,402
60	36,000	10.5	57,944	17.0	61,706	18.1	2,739	4,565	5,433
61	36,600	10.7	58,180	17.0	61,882	18.1	2,742	4,570	5,464
62	37,200	10.9	58,416	17.1	62,059	18.2	2,745	4,575	5,495
63	37,800	11.1	58,652	17.2	62,235	18.2	2,748	4,580	5,526
64	38,400	11.3	58,888	17.3	62,412	18.3	2,751	4,585	5,557
65	39,000	11.4	59,124	17.3	62,588	18.3	2,754	4,590	5,588
66	39,600	11.6	59,360	17.4	62,765	18.4	2,757	4,595	5,650
67	40,200	11.8	59,596	17.5	62,941	18.4	2,757	4,595	5,650
68	40,800	12.0	59,832	17.5	63,118	18.5	2,757	4,595	5,650
69	41,400	12.1	60,068	17.6	63,294	18.5	2,760	4,600	5,650
70	42,000	12.3	60,304	17.7	63,471	18.6	2,763	4,605	5,650
71	42,600	12.5	60,540	17.7	63,647	18.7	2,766	4,610	5,650
72	43,200	12.7	60,776	17.8	63,824	18.7	2,769	4,615	5,700
73	43,800	12.8	61,012	17.9	64,000	18.8	2,772	4,620	5,700

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 k Btu/h (40%~130%)
5.At least two indoor units should be connected.

3Phase

FM37AH UE0

Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Input (W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	9,600	2.8	16,000	4.7	17,600	5.2	800	1,333	1,533
18	10,800	3.2	18,000	5.3	19,800	5.8	900	1,500	1,725
19	11,400	3.3	19,000	5.6	20,900	6.1	950	1,583	1,821
21	12,600	3.7	21,000	6.2	23,100	6.8	1,050	1,750	2,013
23	13,800	4.0	23,000	6.7	25,300	7.4	1,150	1,917	2,204
24	14,400	4.2	24,000	7.0	26,400	7.7	1,200	2,000	2,300
25	15,000	4.4	25,000	7.3	27,500	8.1	1,250	2,083	2,396
26	15,600	4.6	26,000	7.6	28,600	8.4	1,300	2,167	2,492
27	16,200	4.7	27,000	7.9	29,700	8.7	1,350	2,250	2,588
28	16,800	4.9	28,000	8.2	30,800	9.0	1,400	2,333	2,683
30	18,000	5.3	30,000	8.8	33,000	9.7	1,500	2,500	2,875
31	18,300	5.4	30,500	8.9	33,550	9.8	1,550	2,583	2,971
32	18,600	5.5	31,000	9.1	34,100	10.0	1,600	2,667	3,067
33	18,900	5.5	31,500	9.2	34,650	10.2	1,650	2,750	3,163
34	19,200	5.6	32,000	9.4	35,200	10.3	1,700	2,833	3,258
35	19,500	5.7	32,500	9.5	35,750	10.5	1,750	2,917	3,354
36	21,600	6.3	33,000	9.7	37,000	10.8	1,800	3,000	3,450
37	22,200	6.5	33,942	9.9	37,336	10.9	1,807	3,012	3,464
38	22,800	6.7	34,507	10.1	37,958	11.1	1,811	3,019	3,472
39	23,400	6.9	34,884	10.2	38,373	11.2	1,814	3,024	3,477
40	24,000	7.0	35,239	10.3	38,763	11.4	1,819	3,032	3,486
41	24,600	7.2	35,565	10.4	39,121	11.5	1,823	3,038	3,494
42	25,200	7.4	35,594	10.4	39,153	11.5	1,824	3,040	3,496
43	25,800	7.6	35,947	10.5	39,542	11.6	1,831	3,051	3,509
44	26,400	7.7	36,167	10.6	39,784	11.7	1,835	3,059	3,518
45	27,000	7.9	36,167	10.6	39,784	11.7	1,835	3,059	3,518
46	27,600	8.1	36,300	10.6	39,930	11.7	1,838	3,063	3,523

FM37AH UE0

Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Input (W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
16	10,752	3.2	17,920	5.3	19,712	5.8	813	1,356	1559
18	12,096	3.5	20,160	5.9	22,176	6.5	915	1,525	1754
19	12,768	3.7	21,280	6.2	23,408	6.9	966	1,610	1851
21	14,112	4.1	23,520	6.9	25,872	7.6	1,068	1,779	2,046
23	15,456	4.5	25,760	7.5	28,336	8.3	1,169	1,949	2,241
24	16,128	4.7	26,880	7.9	29,568	8.7	1,220	2,033	2,338
25	16,800	4.9	28,000	8.2	30,800	9.0	1,271	2,118	2,436
26	17,472	5.1	29,120	8.5	32,032	9.4	1,322	2,203	2,533
27	18,144	5.3	30,240	8.9	33,264	9.7	1,373	2,288	2,631
28	18,816	5.5	31,360	9.2	34,496	10.1	1,423	2,372	2,728
30	20,160	5.9	33,600	9.8	36,960	10.8	1,525	2,542	2,923
31	20,832	6.1	34,720	10.2	38,192	11.2	1,576	2,626	3,020
32	21,504	6.3	35,840	10.5	39,424	11.6	1,627	2,711	3,118
33	21,511	6.3	35,851	10.5	39,436	11.6	1,678	2,796	3,215
34	22,048	6.5	36,747	10.8	40,422	11.8	1,728	2,881	3,313
35	22,579	6.6	37,632	11.0	41,395	12.1	1,779	2,965	3,410
36	22,800	6.7	38,000	11.1	42,000	12.3	1,830	3,050	3,508
37	23,145	6.8	38,576	11.3	42,433	12.4	1,822	3,037	3,493
38	23,353	6.8	38,921	11.4	42,813	12.5	1,818	3,030	3,484
39	23,491	6.9	39,151	11.5	43,067	12.6	1,815	3,025	3,478
40	23,560	6.9	39,267	11.5	43,194	12.7	1,800	3,000	3,449
41	23,644	6.9	39,406	11.5	43,347	12.7	1,790	2,983	3,430
42	23,630	6.9	39,383	11.5	43,322	12.7	1,785	2,974	3,421
43	23,768	7.0	39,613	11.6	43,574	12.8	1,762	2,937	3,377
44	23,847	7.0	39,744	11.6	43,719	12.8	1,747	2,911	3,348
45	23,860	7.0	39,767	11.7	43,744	12.8	1,742	2,904	3,339
46	23,906	7.0	39,843	11.7	43,827	12.8	1,739	2,899	3,334

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 16~46 k Btu/h (40%~130%)
5.At least two indoor units should be connected.

COMBINATION TABLE _MULTI

FM41AH U33

Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Input (W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	9,600	2.8	16,000	4.7	17,600	5.2	796	1,327	1,526
18	10,800	3.2	18,000	5.3	19,800	5.8	893	1,489	1,712
19	11,400	3.3	19,000	5.6	20,900	6.1	943	1,572	1,807
21	12,600	3.7	21,000	6.2	23,100	6.8	1,042	1,737	1,998
23	13,800	4.0	23,000	6.7	25,300	7.4	1,011	1,684	1,937
24	14,400	4.2	24,000	7.0	26,400	7.7	1,053	1,755	2,019
25	15,000	4.4	25,000	7.3	27,500	8.1	1,096	1,826	2,100
26	15,600	4.6	26,000	7.6	28,600	8.4	1,161	1,935	2,225
27	16,200	4.7	27,000	7.9	29,700	8.7	1,227	2,044	2,351
28	16,800	4.9	28,000	8.2	30,800	9.0	1,292	2,153	2,476
29	17,400	5.1	29,000	8.5	31,900	9.3	1,357	2,262	2,602
30	18,000	5.3	30,000	8.8	33,000	9.7	1,423	2,372	2,727
31	18,600	5.5	31,000	9.1	34,100	10.0	1,488	2,481	2,853
32	19,200	5.6	32,000	9.4	35,200	10.3	1,554	2,590	2,978
33	19,800	5.8	33,000	9.7	36,300	10.6	1,619	2,699	3,104
34	20,400	6.0	34,000	10.0	37,400	11.0	1,685	2,808	3,229
35	21,000	6.2	35,000	10.3	38,500	11.3	1,750	2,917	3,355
36	21,600	6.3	36,000	10.5	39,600	11.6	1,816	3,026	3,480
37	22,200	6.5	37,000	10.8	40,700	11.9	1,859	3,099	3,564
38	22,800	6.7	38,000	11.1	41,800	12.2	1,903	3,172	3,648
39	23,400	6.9	39,000	11.4	42,900	12.6	1,947	3,245	3,732
40	24,000	7.0	40,000	11.7	44,000	12.9	1,991	3,318	3,816
41	24,600	7.2	41,000	12.0	45,100	13.2	2,035	3,391	3,900
42	25,200	7.4	42,000	12.3	46,000	13.5	2,083	3,472	3,993
43	25,400	7.4	42,333	12.4	46,167	13.5	2,132	3,553	4,086
44	25,600	7.5	42,667	12.5	46,333	13.6	2,180	3,634	4,179
45	25,800	7.6	43,000	12.6	46,500	13.6	2,229	3,714	4,271
46	26,000	7.6	43,333	12.7	46,667	13.7	2,277	3,795	4,364
47	26,200	7.7	43,667	12.8	46,833	13.7	2,325	3,876	4,457
48	26,400	7.7	44,000	12.9	47,000	13.8	2,370	3,950	4,550
49	26,600	7.8	44,333	13.0	47,167	13.8	2,418	4,030	4,643
50	26,800	7.9	44,667	13.1	47,333	13.9	2,400	4,000	4,736
51	27,000	7.9	45,000	13.2	47,500	13.9	2,400	4,000	4,829
52	27,200	8.0	45,333	13.3	47,667	14.0	2,400	4,000	4,900
53	27,400	8.0	45,667	13.4	47,833	14.0	2,400	4,000	4,900
54	27,600	8.1	46,000	13.5	48,000	14.1	2,400	4,000	4,900

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Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Input (W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	10,752	3.2	17,920	5.3	19,533	5.7	887	1,478	1,700
18	11,880	3.5	19,800	5.8	21,582	6.3	975	1,625	1,868
19	12,540	3.7	20,900	6.1	22,781	6.7	1,029	1,715	1,972
21	13,860	4.1	23,100	6.8	25,179	7.4	1,137	1,896	2,180
23	15,180	4.4	25,300	7.4	27,577	8.1	1,355	2,259	2,869
24	15,840	4.6	26,400	7.7	28,776	8.4	1,400	2,333	2,963
25	16,500	4.8	27,500	8.1	29,975	8.8	1,488	2,480	3,150
26	17,160	5.0	28,600	8.4	31,174	9.1	1,535	2,559	3,250
27	17,820	5.2	29,700	8.7	32,373	9.5	1,579	2,631	3,342
28	18,480	5.4	30,800	9.0	33,572	9.8	1,622	2,703	3,433
29	19,140	5.6	31,900	9.3	34,771	10.2	1,665	2,776	3,525
30	19,800	5.8	33,000	9.7	35,970	10.5	1,709	2,848	3,617
31	20,460	6.0	34,100	10.0	37,169	10.9	1,752	2,920	3,708
32	21,120	6.2	35,200	10.3	38,368	11.2	1,795	2,992	3,800
33	21,780	6.4	36,300	10.6	39,567	11.6	1,839	3,064	3,892
34	22,440	6.6	37,400	11.0	40,766	11.9	1,882	3,136	3,983
35	23,100	6.8	38,500	11.3	41,965	12.3	1,925	3,209	4,075
36	23,760	7.0	39,600	11.6	43,164	12.6	2,008	3,346	4,250
37	24,420	7.2	40,700	11.9	44,363	13.0	2,050	3,417	4,340
38	25,080	7.3	41,800	12.2	45,562	13.4	2,093	3,488	4,430
39	25,740	7.5	42,900	12.6	46,761	13.7	2,135	3,559	4,520
40	26,400	7.7	44,000	12.9	47,960	14.1	2,178	3,630	4,610
41	27,060	7.9	45,100	13.2	49,159	14.4	2,220	3,701	4,700
42	27,600	8.1	46,000	13.5	50,000	14.7	2,235	3,725	4,731
43	27,700	8.1	46,167	13.5	50,167	14.7	2,250	3,749	4,762
44	27,800	8.1	46,333	13.6	50,333	14.7	2,264	3,773	4,792
45	27,900	8.2	46,500	13.6	50,500	14.8	2,279	3,798	4,823
46	28,000	8.2	46,667	13.7	50,667	14.8	2,293	3,822	4,854
47	28,100	8.2	46,833	13.7	50,833	14.9	2,308	3,846	4,885
48	28,200	8.3	47,000	13.8	51,000	14.9	2,322	3,870	4,915
49	28,300	8.3	47,167	13.8	51,167	15.0	2,340	3,900	5,100
50	28,400	8.3	47,333	13.9	51,333	15.0	2,340	3,900	5,100
51	28,500	8.4	47,500	13.9	51,500	15.1	2,340	3,900	5,100
52	28,600	8.4	47,667	14.0	51,667	15.1	2,340	3,900	5,100
53	28,700	8.4	47,833	14.0	51,833	15.2	2,340	3,900	5,100
54	28,800	8.4	48,000	14.1	52,000	15.2	2,340	3,900	5,100

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 16~54 k 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)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11,400	3.3	19,000	5.6	20,900	6.1	943	1,572	1,807
21	12,600	3.7	21,000	6.2	23,100	6.8	1,042	1,737	1,998
23	13,800	4.0	23,000	6.7	25,300	7.4	1,011	1,684	1,937
24	14,400	4.2	24,000	7.0	26,400	7.7	1,053	1,755	2,019
25	15,000	4.4	25,000	7.3	27,500	8.1	1,096	1,826	2,100
26	15,600	4.6	26,000	7.6	28,600	8.4	1,161	1,935	2,225
27	16,200	4.7	27,000	7.9	29,700	8.7	1,227	2,044	2,351
28	16,800	4.9	28,000	8.2	30,800	9.0	1,292	2,153	2,476
29	17,400	5.1	29,000	8.5	31,900	9.3	1,357	2,262	2,602
30	18,000	5.3	30,000	8.8	33,000	9.7	1,423	2,372	2,727
31	18,600	5.5	31,000	9.1	34,100	10.0	1,488	2,481	2,853
32	19,200	5.6	32,000	9.4	35,200	10.3	1,554	2,590	2,978
33	19,800	5.8	33,000	9.7	36,300	10.6	1,619	2,699	3,104
34	20,400	6.0	34,000	10.0	37,400	11.0	1,685	2,808	3,229
35	21,000	6.2	35,000	10.3	38,500	11.3	1,750	2,917	3,355
36	21,600	6.3	36,000	10.5	39,600	11.6	1,816	3,026	3,480
37	22,200	6.5	37,000	10.8	40,700	11.9	1,859	3,099	3,564
38	22,800	6.7	38,000	11.1	41,800	12.2	1,903	3,172	3,648
39	23,400	6.9	39,000	11.4	42,900	12.6	1,947	3,245	3,732
40	24,000	7.0	40,000	11.7	44,000	12.9	1,991	3,318	3,816
41	24,600	7.2	41,000	12.0	45,100	13.2	2,035	3,391	3,900
42	25,200	7.4	42,000	12.3	46,000	13.5	2,083	3,472	3,993
43	25,800	7.6	43,000	12.6	47,300	13.9	2,132	3,553	4,086
44	26,400	7.7	44,000	12.9	48,400	14.2	2,180	3,634	4,179
45	27,000	7.9	45,000	13.2	49,500	14.5	2,229	3,714	4,271
46	27,600	8.1	46,000	13.5	50,600	14.8	2,277	3,795	4,364
47	28,200	8.3	47,000	13.8	51,700	15.2	2,325	3,876	4,457
48	28,800	8.4	48,000	14.1	52,800	15.5	2,374	3,957	4,550
49	29,006	8.5	48,343	14.2	53,171	15.6	2,422	4,037	4,643
50	29,211	8.6	48,686	14.3	53,543	15.7	2,471	4,118	4,736
51	29,417	8.6	49,029	14.4	53,914	15.8	2,519	4,199	4,829
52	29,623	8.7	49,371	14.5	54,286	15.9	2,568	4,280	4,921
53	29,829	8.7	49,714	14.6	54,657	16.0	2,616	4,360	5,014
54	30,034	8.8	50,057	14.7	55,029	16.1	2,713	4,522	5,200
55	30,240	8.9	50,400	14.8	55,400	16.2	2,760	4,600	5,300
56	30,446	8.9	50,743	14.9	55,771	16.3	2,760	4,600	5,400
57	30,651	9.0	51,086	15.0	56,143	16.5	2,760	4,600	5,400
58	30,857	9.0	51,429	15.1	56,514	16.6	2,760	4,600	5,400
59	31,063	9.1	51,771	15.2	56,886	16.7	2,760	4,600	5,400
60	31,269	9.2	52,114	15.3	57,257	16.8	2,760	4,600	5,400
61	31,474	9.2	52,457	15.4	57,629	16.9	2,760	4,600	5,400
62	31,680	9.3	52,800	15.5	58,000	17.0	2,760	4,600	5,400

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Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Input (W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	12,540	3.7	20,900	6.1	22,781	6.7	1,136	1,894	2,178
21	13,860	4.1	23,100	6.8	25,179	7.4	1,256	2,093	2,407
23	15,180	4.4	25,300	7.4	27,577	8.1	1,497	2,495	2,869
24	15,840	4.6	26,400	7.7	28,776	8.4	1,546	2,576	2,963
25	16,500	4.8	27,500	8.1	29,975	8.8	1,643	2,739	3,150
26	17,160	5.0	28,600	8.4	31,174	9.1	1,696	2,826	3,250
27	17,820	5.2	29,700	8.7	32,373	9.5	1,743	2,906	3,342
28	18,480	5.4	30,800	9.0	33,572	9.8	1,791	2,986	3,433
29	19,140	5.6	31,900	9.3	34,771	10.2	1,839	3,065	3,525
30	19,800	5.8	33,000	9.7	35,970	10.5	1,887	3,145	3,617
31	20,460	6.0	34,100	10.0	37,169	10.9	1,935	3,225	3,708
32	21,120	6.2	35,200	10.3	38,368	11.2	1,983	3,304	3,800
33	21,780	6.4	36,300	10.6	39,567	11.6	2,030	3,384	3,892
34	22,440	6.6	37,400	11.0	40,766	11.9	2,078	3,464	3,983
35	23,100	6.8	38,500	11.3	41,965	12.3	2,126	3,543	4,075
36	23,760	7.0	39,600	11.6	43,164	12.6	2,217	3,696	4,250
37	24,420	7.2	40,700	11.9	44,363	13.0	2,264	3,774	4,340
38	25,080	7.3	41,800	12.2	45,562	13.4	2,311	3,852	4,430
39	25,740	7.5	42,900	12.6	46,761	13.7	2,358	3,930	4,520
40	26,400	7.7	44,000	12.9	47,960	14.1	2,405	4,009	4,610
41	27,060	7.9	45,100	13.2	49,159	14.4	2,452	4,087	4,700
42	27,600	8.1	46,000	13.5	50,000	14.7	2,474	4,123	4,742
43	28,400	8.3	47,333	13.9	51,000	14.9	2,496	4,159	4,783
44	29,200	8.6	48,667	14.3	52,000	15.2	2,517	4,195	4,825
45	30,000	8.8	50,000	14.7	53,000	15.5	2,539	4,231	4,866
46	30,800	9.0	51,333	15.0	54,000	15.8	2,561	4,268	4,908
47	31,600	9.3	52,667	15.4	55,000	16.1	2,582	4,304	4,949
48	32,400	9.5	54,000	15.8	56,000	16.4	2,604	4,340	4,991
49	32,486	9.5	54,143	15.9	56,214	16.5	2,700	4,500	5,240
50	32,571	9.5	54,286	15.9	56,429	16.5	2,700	4,500	5,240
51	32,657	9.6	54,429	15.9	56,643	16.6	2,700	4,500	5,240
52	32,743	9.6	54,571	16.0	56,857	16.7	2,700	4,500	5,240
53	32,829	9.6	54,714	16.0	57,071	16.7	2,700	4,500	5,240
54	32,914	9.6	54,857	16.1	57,286	16.8	2,700	4,500	5,240
55	33,000	9.7	55,000	16.1	57,500	16.8	2,670	4,450	5,200
56	33,086	9.7	55,143	16.2	57,714	16.9	2,670	4,450	5,200
57	33,171	9.7	55,286	16.2	57,929	17.0	2,670	4,450	5,200
58	33,257	9.7	55,429	16.2	58,143	17.0	2,670	4,450	5,200
59	33,343	9.8	55,571	16.3	58,357	17.1	2,670	4,450	5,200
60	33,429	9.8	55,714	16.3	58,571	17.2	2,670	4,450	5,200
61	33,514	9.8	55,857	16.4	58,786	17.2	2,670	4,450	5,200
62	33,600	9.8	56,000	16.4	59,000	17.3	2,670	4,450	5,200

Note :
1.Cooling Capacity is based on : indoor temp. 27°C DB, 19°CWB; 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 19~62 k Btu/h (40%~130%)
5.At least two indoor units should be connected.

COMBINATION TABLE _ MULTI

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3Phase

Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Input (W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
23	13,800	4.0	23,000	6.7	25,300	7.4	1,011	1,684	1,937
24	14,400	4.2	24,000	7.0	26,400	7.7	1,053	1,755	2,019
25	15,000	4.4	25,000	7.3	27,500	8.1	1,096	1,826	2,100
26	15,600	4.6	26,000	7.6	28,600	8.4	1,161	1,935	2,225
27	16,200	4.7	27,000	7.9	29,700	8.7	1,227	2,044	2,351
28	16,800	4.9	28,000	8.2	30,800	9.0	1,292	2,153	2,476
29	17,400	5.1	29,000	8.5	31,900	9.3	1,357	2,262	2,602
30	18,000	5.3	30,000	8.8	33,000	9.7	1,423	2,372	2,727
31	18,600	5.5	31,000	9.1	34,100	10.0	1,488	2,481	2,853
32	19,200	5.6	32,000	9.4	35,200	10.3	1,554	2,590	2,978
33	19,800	5.8	33,000	9.7	36,300	10.6	1,619	2,699	3,104
34	20,400	6.0	34,000	10.0	37,400	11.0	1,685	2,808	3,229
35	21,000	6.2	35,000	10.3	38,500	11.3	1,750	2,917	3,355
36	21,600	6.3	36,000	10.5	39,600	11.6	1,816	3,026	3,480
37	22,200	6.5	37,000	10.8	40,700	11.9	1,859	3,099	3,564
38	22,800	6.7	38,000	11.1	41,800	12.2	1,903	3,172	3,648
39	23,400	6.9	39,000	11.4	42,900	12.6	1,947	3,245	3,732
40	24,000	7.0	40,000	11.7	44,000	12.9	1,991	3,318	3,816
41	24,600	7.2	41,000	12.0	45,100	13.2	2,035	3,391	3,900
42	25,200	7.4	42,000	12.3	46,000	13.5	2,083	3,472	3,993
43	25,800	7.6	43,000	12.6	47,300	13.9	2,132	3,553	4,086
44	26,400	7.7	44,000	12.9	48,400	14.2	2,180	3,634	4,179
45	27,000	7.9	45,000	13.2	49,500	14.5	2,229	3,714	4,271
46	27,600	8.1	46,000	13.5	50,600	14.8	2,277	3,795	4,364
47	28,200	8.3	47,000	13.8	51,700	15.2	2,325	3,876	4,457
48	28,800	8.4	48,000	14.1	52,800	15.5	2,374	3,957	4,550
49	29,300	8.6	48,833	14.3	53,650	15.7	2,422	4,037	4,643
50	29,800	8.7	49,667	14.6	54,500	16.0	2,471	4,118	4,736
51	30,300	8.9	50,500	14.8	55,350	16.2	2,519	4,199	4,829
52	30,800	9.0	51,333	15.0	56,200	16.5	2,568	4,280	4,921
53	31,300	9.2	52,167	15.3	57,050	16.7	2,616	4,360	5,014
54	31,800	9.3	53,000	15.5	57,900	17.0	2,713	4,522	5,200
55	31,950	9.4	53,250	15.6	58,231	17.1	2,817	4,696	5,400
56	32,100	9.4	53,500	15.7	58,563	17.2	2,896	4,826	5,550
57	32,250	9.5	53,750	15.8	58,894	17.3	2,896	4,826	5,650
58	32,400	9.5	54,000	15.8	59,225	17.4	2,896	4,826	5,650
59	32,550	9.5	54,250	15.9	59,556	17.5	2,946	4,910	5,650
60	32,700	9.6	54,500	16.0	59,888	17.5	2,946	4,910	5,650
61	32,850	9.6	54,750	16.0	60,219	17.6	2,946	4,910	5,650
62	33,000	9.7	55,000	16.1	60,550	17.7	2,946	4,910	5,650
63	33,150	9.7	55,250	16.2	60,881	17.8	2,946	4,910	5,650
64	33,300	9.8	55,500	16.3	61,213	17.9	2,946	4,910	5,650
65	33,450	9.8	55,750	16.3	61,544	18.0	2,946	4,910	5,650
66	33,600	9.8	56,000	16.4	61,875	18.1	2,946	4,910	5,650
67	33,750	9.9	56,250	16.5	62,206	18.2	2,946	4,910	5,650
68	33,900	9.9	56,500	16.6	62,538	18.3	2,946	4,910	5,650
69	34,050	10.0	56,750	16.6	62,869	18.4	2,946	4,910	5,650
70	34,200	10.0	57,000	16.7	63,200	18.5	2,946	4,910	5,650
71	34,200	10.0	57,000	16.7	63,200	18.5	2,946	4,910	5,650
72	34,200	10.0	57,000	16.7	63,200	18.5	2,946	4,910	5,650
73	34,200	10.0	57,000	16.7	63,200	18.5	2,946	4,910	5,650

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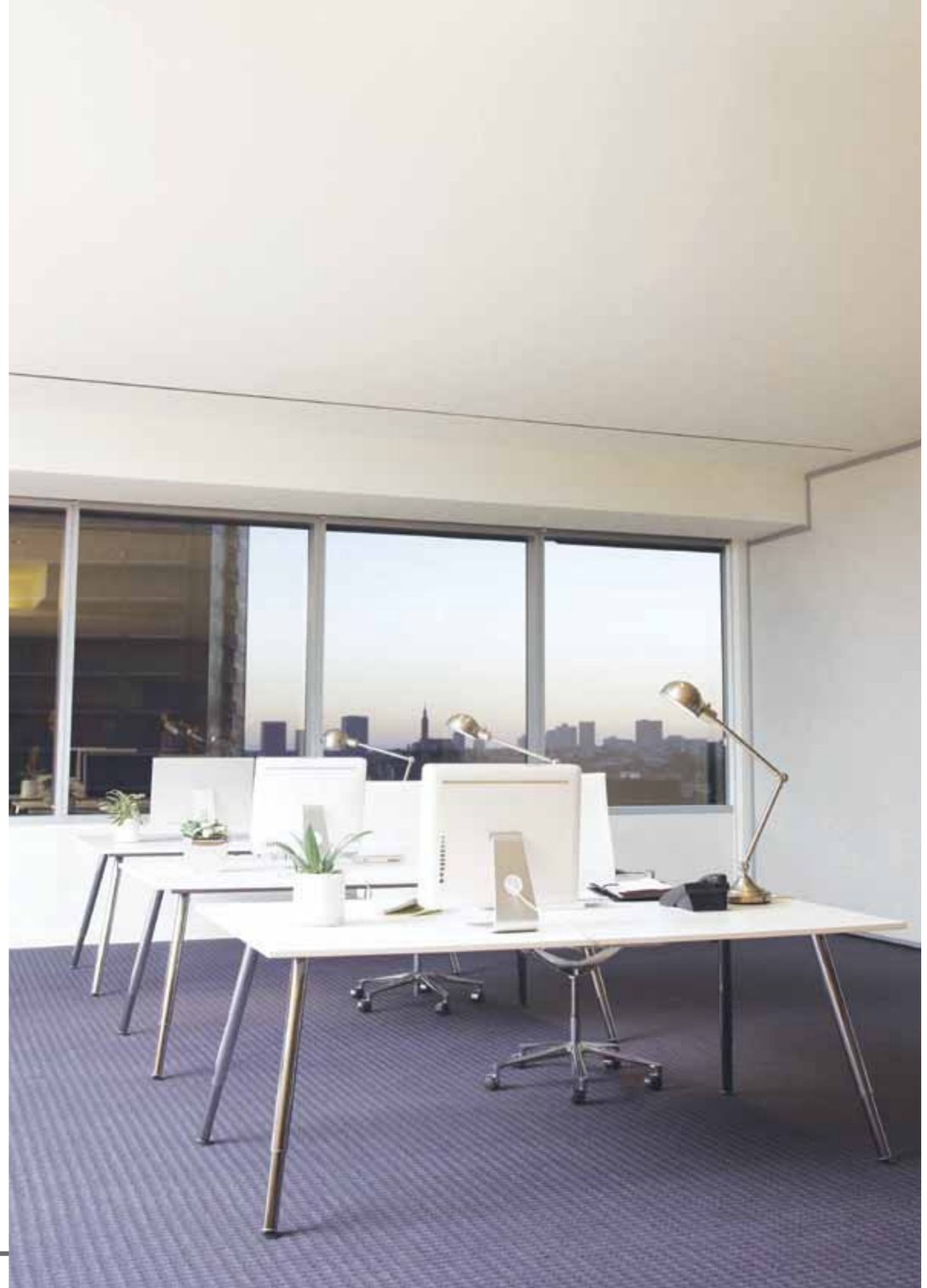
Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Input (W)		
	Min		Rating		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
23	15,180	4.4	25,300	7.4	27,577	8.1	1,497	2,495	2,869
24	15,840	4.6	26,400	7.7	28,776	8.4	1,546	2,576	2,963
25	16,500	4.8	27,500	8.1	29,975	8.8	1,643	2,739	3,150
26	17,160	5.0	28,600	8.4	31,174	9.1	1,696	2,826	3,250
27	17,820	5.2	29,700	8.7	32,373	9.5	1,743	2,906	3,342
28	18,480	5.4	30,800	9.0	33,572	9.8	1,791	2,986	3,433
29	19,140	5.6	31,900	9.3	34,771	10.2	1,839	3,065	3,525
30	19,800	5.8	33,000	9.7	35,970	10.5	1,887	3,145	3,617
31	20,460	6.0	34,100	10.0	37,169	10.9	1,935	3,225	3,708
32	21,120	6.2	35,200	10.3	38,368	11.2	1,983	3,304	3,800
33	21,780	6.4	36,300	10.6	39,567	11.6	2,030	3,384	3,892
34	22,440	6.6	37,400	11.0	40,766	11.9	2,078	3,464	3,983
35	23,100	6.8	38,500	11.3	41,965	12.3	2,126	3,543	4,075
36	23,760	7.0	39,600	11.6	43,164	12.6	2,217	3,696	4,250
37	24,420	7.2	40,700	11.9	44,363	13.0	2,264	3,774	4,340
38	25,080	7.3	41,800	12.2	45,562	13.4	2,311	3,852	4,430
39	25,740	7.5	42,900	12.6	46,761	13.7	2,358	3,930	4,520
40	26,400	7.7	44,000	12.9	47,960	14.1	2,405	4,009	4,610
41	27,060	7.9	45,100	13.2	49,159	14.4	2,452	4,087	4,700
42	27,600	8.1	46,000	13.5	50,000	14.7	2,487	4,146	4,768
43	28,400	8.3	47,333	13.9	51,000	14.9	2,523	4,205	4,835
44	29,200	8.6	48,667	14.3	52,000	15.2	2,558	4,264	4,903
45	30,000	8.8	50,000	14.7	53,000	15.5	2,593	4,322	4,971
46	30,800	9.0	51,333	15.0	54,000	15.8	2,629	4,381	5,038
47	31,600	9.3	52,667	15.4	55,000	16.1	2,664	4,440	5,106
48	32,400	9.5	54,000	15.8	56,000	16.4	2,699	4,499	5,174
49	32,700	9.6	54,500	16.0	56,833	16.7	2,735	4,558	5,242
50	33,000	9.7	55,000	16.1	57,667	16.9	2,770	4,617	5,309
51	33,300	9.8	55,500	16.3	58,500	17.1	2,805	4,676	5,377
52	33,600	9.8	56,000	16.4	59,333	17.4	2,841	4,734	5,445
53	33,900	9.9	56,500	16.6	60,167	17.6	2,876	4,793	5,512
54	34,200	10.0	57,000	16.7	61,000	17.9	2,911	4,852	5,580
55	34,326	10.1	57,211	16.8	61,158	17.9	2,911	4,852	5,400
56	34,453	10.1	57,421	16.8	61,316	18.0	2,911	4,852	5,340
57	34,579	10.1	57,632	16.9	61,474	18.0	2,911	4,852	5,340
58	34,705	10.2	57,842	17.0	61,632	18.1	2,736	4,560	5,371
59	34,832	10.2	58,053	17.0	61,789	18.1	2,736	4,560	5,402
60	34,958	10.2	58,263	17.1	61,947	18.2	2,736	4,560	5,433
61	35,084	10.3	58,474	17.1	62,105	18.2	2,736	4,560	5,464
62	35,211	10.3	58,684	17.2	62,263	18.2	2,730	4,550	5,650
63	35,337	10.4	58,895	17.3	62,421	18.3	2,730	4,550	5,650
64	35,463	10.4	59,105	17.3	62,579	18.3	2,730	4,550	5,650
65	35,589	10.4	59,316	17.4	62,737	18.4	2,730	4,550	5,650
66	35,716	10.5	59,526	17.4	62,895	18.4	2,730	4,550	5,650
67	35,842	10.5	59,737	17.5	63,053	18.5	2,730	4,550	5,650
68	35,968	10.5	59,947	17.6	63,211	18.5	2,730	4,550	5,650
69	36,095	10.6	60,158	17.6	63,368	18.6	2,730	4,550	5,650
70	36,600	10.7	61,000	17.9	64,000	18.8	2,730	4,550	5,650
71	36,600	10.7	61,000	17.9	64,000	18.8	2,730	4,550	5,710
72	36,600	10.7	61,000	17.9	64,000	18.8	2,730	4,550	5,710
73	36,600	10.7	61,000	17.9	64,000	18.8	2,730	4,550	5,710

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 k Btu/h (40%~130%)
5.At least two indoor units should be connected.



Features _ icon

- Weekly Program
- Turbo Fan
- High Head Drain Pump
- Low Standby Power
- Auto Restart
- Central Controller (Accessory)
- Group Control
- Child Lock Function
- Two Thermistor Control
- Auto Changeover
- Long & High Elevation Piping
- Hot Start
- Zone Control (Optional)
- Wireless Remote Controller
- Jet Cool
- Auto Operation
- 7-Hour OFF Setting Timer
- 24-Hour ON/OFF Setting Timer
- Duct Operation

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За целите на непрекъснатото развитие на продуктите, LG си запазва правото да променя техническите характеристики без предварително известие.