MITSUBISHI ELECTRIC MULTIPLE SPLIT TYPE AIR CONDITIONERS R410A Series

⚠ Warning

■Do not use refrigerant other than the type indicated in the manuals provided with the unit and on the nameplate.
- Doing so may cause the unit or pipes to burst, or result in explosion or fire during use, during repair, or at the time of disposal of the unit.
- It may also be in violation of applicable laws.
- MITSUBISHI ELECTRIC CORPORATION cannot be held responsible for malfunctions or accidents resulting from the use of the wrong type of refrigerant.

■Our air-conditioning equipments and heat pumps contain a fluorinated greenhouse gas, R410A.

MITSUBISHI ELECTRIC ASIA PTE LTD

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New publication effective Mar 2026. Specifications subject to change without notice.
Due to printing consideration, the actual colors may vary slightly from those shown inside brochure.

R410A CITY MULTI

MITSUBISHI ELECTRIC ASIA PTE LTD

MITSUBISHI ELECTRIC

Changes for the Better

AIR CONDITIONING SYSTEMS

CITY MULTI

CMSG0326

S-series

PUMY

The line-up of side-flow type outdoor units includes models from 7 HP to 12 HP, which offers flexibility in installations in tight spaces.

Cooling only

- PUMY-CP YKM2
- PUMY-CP YBM2

Installation image

Residence

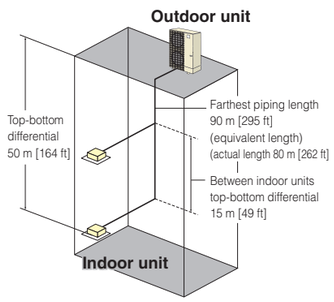
Advantage of PUMY (for residences)

One outdoor unit (10 HP-12 HP) can be connected up to 29 indoor units (P15-250). Even when indoor units are installed in many rooms, one outdoor unit can connect multiple indoor units.

↓

Space savings

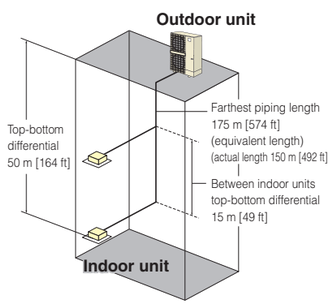
Piping length



[CP175-225YKM2]

Refrigerant Piping Lengths Maximum meters [feet]	
Total length	150 [492]
Maximum allowable length	80 (90 equivalent) [262 (295)]
Farthest indoor from first branch	30 [98]

Vertical differentials between units Maximum meters [feet]	
Indoor/outdoor (outdoor higher)	50 [164]
Indoor/outdoor (outdoor lower)	40 [131]
Indoor/indoor	15 [49]



[CP250-300YBM2]

Refrigerant Piping Lengths Maximum meters [feet]	
Total length	310 [1,017]
Maximum allowable length	150 (175 equivalent) [492 (574)]
Farthest indoor from first branch	30 [98]

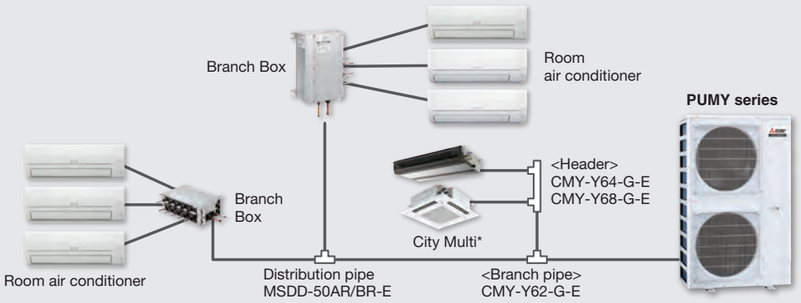
Vertical differentials between units Maximum meters [feet]	
Indoor/outdoor (outdoor higher)	50 [164]
Indoor/outdoor (outdoor lower)	40 [131]
Indoor/indoor	15 [49]

Features of the Branch Box

Connecting branch boxes makes it possible to connect to Mitsubishi Electric indoor units (room air conditioners, Mr. SLIM) that do not normally support M-NET connections.

System example

The use of branch boxes makes it possible for PUMY-Series devices to connect not only to CITY MULTI indoor units but also to Mitsubishi Electric indoor units that do not normally support M-NET connections. Thus it is possible to connect to room air conditioners and Mr. SLIM indoor units, allowing for a selection specifically designed to suit how the room is being used.



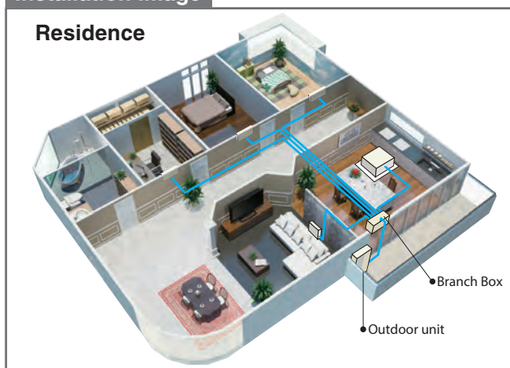
*PKFY-P15/20/25/32 VLM, PFFY-P**VKM, PFFY-P**VLEM and PFFY-P**VCM cannot be used in the mixed system with 4 to 5.5HP and 10 to 12HP outdoor units.

Specifications

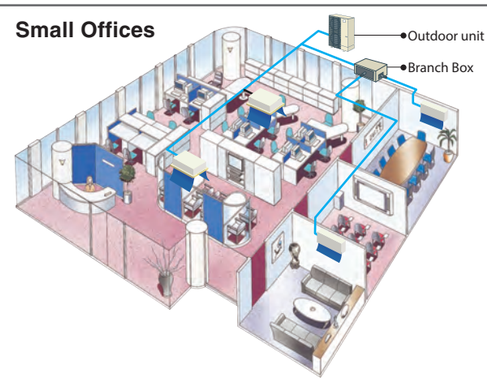
Model				PAC-MK54BC	PAC-MK34BC
Connectable Number of Indoor Units				Max. 5	Max. 3
Power Supply	Source			Outdoor power supply, Branch Box / Outdoor separate power supply	
	Outdoor (V/Phase/Hz)			1-phase, 220/230/240V, 50Hz, 1-phase, 220/230V, 60Hz	
Total Input			kW	0.003	
Operating Current			A	0.05	
Dimensions H x W x D			mm	170 × 450 × 280	
Weight			kg	7.4	6.7
Piping (diameter)	Branch (Indoor Side)	Liquid	mm	6.35 × 5	6.35 × 3
		Gas	mm	9.52 × 4, 12.7 × 1	9.52 × 3
	Main (Outdoor Side)	Liquid	mm	9.52	
		Gas	mm	15.88	
	Connection Method			Flared	
Wiring	to Indoor Unit			3-wire + Earth wire	
	to Outdoor Unit			3-wire + Earth wire	

Installation image

Residence



Small Offices



Consolidating heat sources for room air conditioners, which require a 1:1 connection between the outdoor unit and indoor unit, and reducing installation space is possible.
Because the branch box can be installed indoors or outdoors and mounted on a wall, ceiling, or floor, it is possible to meet the requirements of various installation situations flexibly.

*Please refer to installation manual for installation restrictions.

OUTDOOR UNIT

S-series

PUMY-CP YKM2 (-BS)

CP175~225

Specifications

Model				PUMY-CP175YKM2 (-BS)	PUMY-CP200YKM2 (-BS)	PUMY-CP225YKM2 (-BS)
Power source				3-phase 380-400-415 V, 50 Hz; 3-phase 380 V, 60 Hz		
Cooling capacity (Nominal)		*1	kW	20.0	22.4	25.0
		*1	BTU/h	68,200	76,400	85,300
	Power input		kW	5.00	5.74	6.54
	Current input		A	8.94-8.50-8.19, 8.94	10.03-9.53-9.18, 10.03	11.17-10.61-10.23, 11.17
	EER		kW/kW	4.00	3.90	3.82
Temp. range of cooling	Indoor temp.		W.B.	15.0 to 24.0°C (59 to 75°F)		
	Outdoor temp.		D.B.	10 to 52.0°C (50 to 126°F)		
Indoor unit connectable	Total capacity			50 to 150% of outdoor unit capacity *2		
	Model/ Quantity	CITY MULTI		15–200/12	15–250/12	15–250/12
Sound pressure level (measured in anechoic room)		*3	dB <A>	57	57	58
Refrigerant piping diameter	Liquid pipe		mm (in.)	9.52 (3/8) Flared*4		
	Gas pipe		mm (in.)	22.2 (7/8) Brazed		
Fan	Type x Quantity			Propeller Fan × 2		
	Air flow rate		m^3/min	134	134	143.8
			L/s	2,233	2,233	2,397
			cfm	4,732	4,732	5,078
	Motor output	*5	kW	0.20 + 0.20		
Compressor	Type x Quantity			Scroll hermetic compressor × 1		
	Starting method			Inverter		
	Motor output		kW	3.5	3.9	4.3
External finish				Galvanized Steel Sheet Munsell No. 3Y 7.8/1.1		
External dimension H x W x D			mm	1,338 × 1,050 × 330 (+25)		
			in.	52-11/16 × 41-11/32 × 13 (+1)		
Protection devices	High pressure protection			High pressure switch		
	Inverter circuit (COMP./FAN)			Overcurrent detection, Overheat detection (Heat Sink thermistor)		
	Compressor			Compressor thermistor, Overcurrent detection, Compressor protector		
	Fan motor			Overheating, Voltage protection		
Refrigerant	Type x original charge			R410A 6.3kg		
Net weight			kg (lbs)	130 (287)		
Heat exchanger				Cross Fin and Copper tube		
Defrosting method				Reversed refrigerant circuit		
Optional parts				Joint: CMY-Y62-G-E, Header: CMY-Y64/68-G-E		
Engery Labelling scheme						

Notes:

*1 Nominal conditions

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27ºC DB/19ºC WB (81ºF DB/66ºF WB)	35ºC DB (95ºF DB)	7.5m (24-9/16ft.)	0m (0ft.)

*2 Up to 150% can be connected. However, up to 130% for simultaneous operation.
*3 Cooling mode
*4 Liquid pipe diameter: 12.7mm in case that the farthest piping length is longer than 60m, or piping length from outdoor unit to a branch box is longer than 20m.
*Nominal conditions *1 are subject to ISO 15042.
*Due to continuing improvement, above specification may be subject to change without notice.

OUTDOOR UNIT

S-series

PUMY-CP YBM2 (-BS)

Specifications

Model				PUMY-CP250YBM2 (-BS)	PUMY-CP300YBM2 (-BS)
Power source				3-phase 380-400-415 V, 50 Hz; 3-phase 380 V, 60 Hz	
Cooling capacity (Nominal)		*1	kW	28.0	33.5
		*1	BTU/h	95,500	114,300
	Power input		kW	7.18	8.59
	Current input		A	11.73-11.14-10.74, 11.73	14.03-13.33-12.85, 14.03
	EER		kW/kW	3.90	3.90
Temp. range of cooling	Indoor temp.		W.B.	15.0 to 24.0°C (59 to 75°F)	
	Outdoor temp.		D.B.	10.0 to 52.0°C (50 to 126°F)	
Indoor unit connectable	Total capacity			50 to 150% of outdoor unit capacity *2	
	Model/ Quantity	CITY MULTI		15–250/24	15–250/29
Sound pressure level (measured in anechoic room)			dB <A>	59	60
Refrigerant piping diameter	Liquid pipe		mm (in.)	9.52(3/8) Flared *5	12.7(1/2) Flared
	Gas pipe		mm (in.)	22.2(7/8) Brazed	25.4(1) Brazed
Fan	Type x Quantity			Propeller Fan × 2	
	Air flow rate		m^3/min	178	178
			L/s	2,966	2,966
			cfm	6,285	6,285
	Motor output		kW	0.375 + 0.375	
Compressor	Type x Quantity	*3		Scroll hermetic compressor × 1	
	Starting method			Inverter	
	Motor output		kW	6.77	7.59
External finish				Galvanized Steel Sheet Munsell No. 3Y 7.8/1.1	
External dimension H x W x D			mm	1,662 × 1,050 × 460 (+45)	
			in.	65-7/16 × 41-11/32 × 18-7/64 (+1-49/64)	
Protection devices	High pressure protection			High pressure switch	
	Inverter circuit			Overcurrent detection, Overheat detection (Heat Sink thermistor)	
	Compressor			Compressor thermistor, Overcurrent detection, Compressor protector	
	Fan motor			Overcurrent, Overheating, Voltage protection	
Refrigerant	Type x original charge			R410A 8.0kg	
Net weight			kg (lbs)	185 (408) *4	
Heat exchanger				Micro-Slit Fin and Copper tube	
Defrosting method				—	
Optional parts				Joint: CMY-Y62-G-E, Header: CMY-Y64/68-G-E	
Engery Labelling scheme					

Notes:

*1 Nominal conditions

	Indoor	Outdoor	Pipe length	Level difference	External static press.
Cooling	27ºC DB/19ºC WB (81ºF DB/66ºF WB)	35ºC DB (95ºF DB)	7.5m (24-9/16ft.)	0m (0ft.)	0 Pa

*2 Up to 150% can be connected. However, up to 130% for simultaneous operation.
*3 External static pressure option is available (30 Pa/3.1 mmH_2O).
*4 187 (413) for PUMY-CP250/300YBM2-BS.
*5 Liquid pipe diameter: 12.7mm, in case of farthest piping length (farthest indoor unit from outdoor unit) is longer than 90m, or connect with PEFY-P200/250.
*Nominal conditions *1 are subject to ISO 15042.
*Due to continuing improvement, above specification may be subject to change without notice.

YKE-series

The YKE series not only realize high energy savings and quality performance from Mitsubishi Electric, they also feature further improved reliability. This is especially important in the Asian climate which requires cooling capacity at high outside air temperatures.

S module

L module

XL module

* Product images are PUCY models

Three lines of models meet a range of energy-saving requirements.

Standard (PUCY-P)

Compact design that delivers standard efficiency. Provides flexible installation options and high energy efficiency.

High standard (PUCY-GP)

Combining the standard line with even greater efficiency.

High efficiency (PUCY-EP)

Delivers the highest energy efficiency and partial load within the YKE series.

Further enhanced energy savings

- Higher EER rating in all models (compared to conventional models)
- Improved energy efficiency under partial load conditions
- Greater energy savings with evaporating temperature control

High cooling capacity in high outdoor air temperatures

- Operation is guaranteed up to an outside air temperature (intake temperature) of 52°C.
- The assist function boosts cooling power at high outside air temperatures.
- Startup time is reduced in rapid mode.

High reliability

- The structure comprises high-reliability components, including a low-pressure shell compressor and polyurethane-coated circuit boards.
- Enhanced operational reliability is achieved by an emergency operation mode, rotation function, etc.

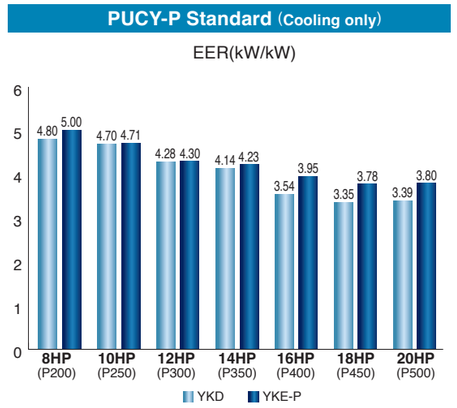
High installation flexibility

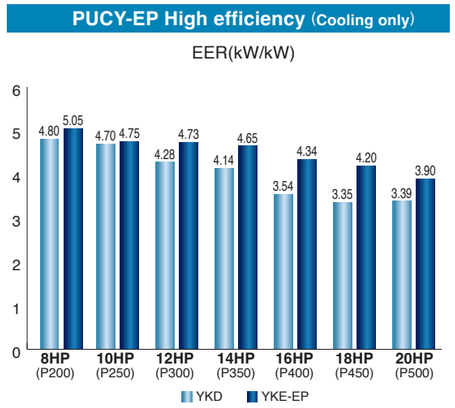
- A two-pipe system and M-NET wiring allow flexible installation options.
- External static pressure can be set to match site conditions.

Higher EER ratings

Improved ratings for all models

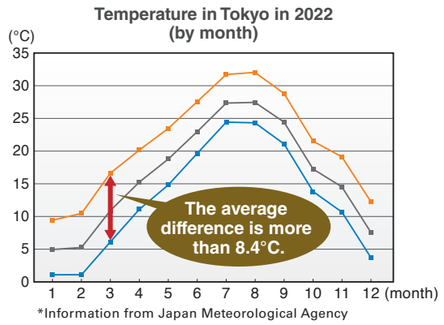
Compared to conventional products (YKD series), the YKE series achieves improved EER in all models and heat pump models from 8 to 60HP.

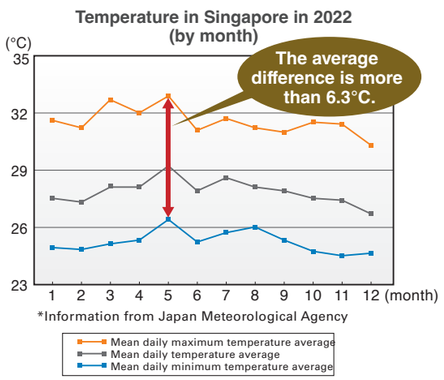


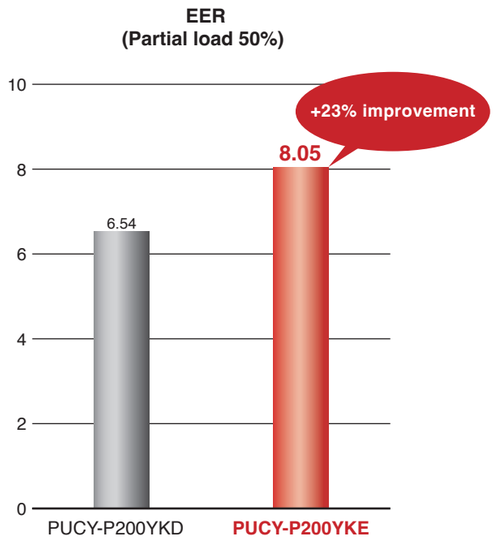


High partial-load performance

At times when the temperature difference between daytime and morning/evening is large, efficient operation also under low-load conditions is important. The multi-port design of the compressor helps to improve partial-load efficiency compared to conventional models, enabling highly efficient operation throughout the year, including season changeover periods.







Further enhanced energy savings

Energy saving assist function

In addition to the basic energy saving design, energy saving assist functions can be activated easily via DIP switch settings. This allows matching the equipment to various installation patterns.

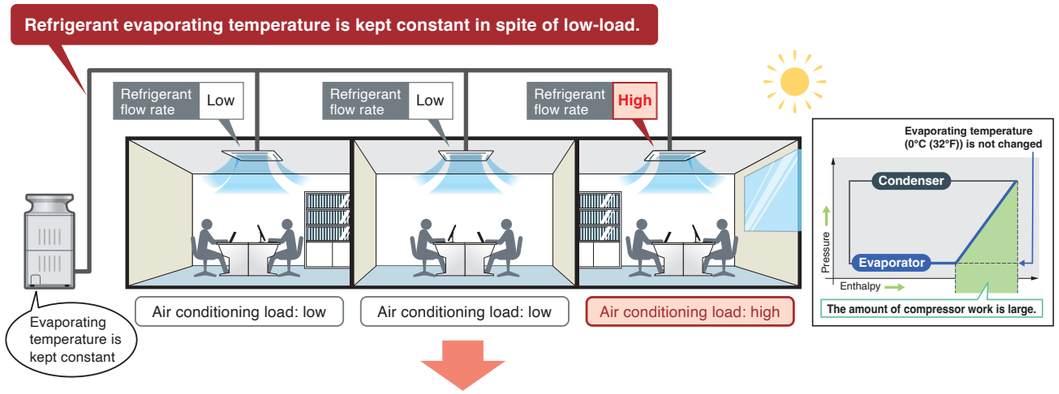
Evaporating temperature control

PUCY P PUCY GP PUCY EP

During cooling operation, the temperature of the refrigerant can be controlled according to the air conditioning load. This helps energy efficient operation.

Normal mode

The evaporating temperature is kept constant regardless of the load. Even at low loads, the normal evaporating temperature does not change, which leads to energy waste during partial load operation.



Smart evaporation temperature control mode

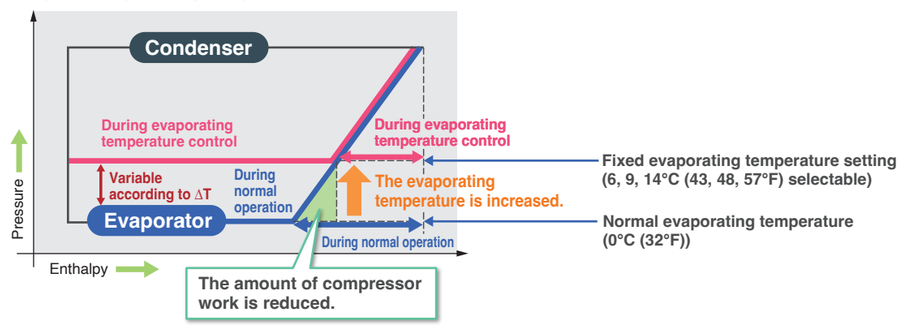
The YKE and YKD series supports evaporating temperature control which adjusts the refrigerant evaporating temperature. Two control methods are available: fixed control and automatic shift control.

* Changing the evaporating temperature is achieved by changing DIP switch settings on the outdoor unit. Refer to "Evaporating temperature setting method" and the Service Handbook for details.
* Raising the evaporating temperature will lower the latent heat processing capability. Select the appropriate mode for the installation location, taking factors such as ambient temperature into consideration.

1. Fixed control

The target evaporating temperature is changed and controlled to be constant. Selecting an evaporating temperature that is higher than for normal cooling will reduce the load of the compressor and improve operation efficiency.

• Concept of evaporating temperature control (fixed control)



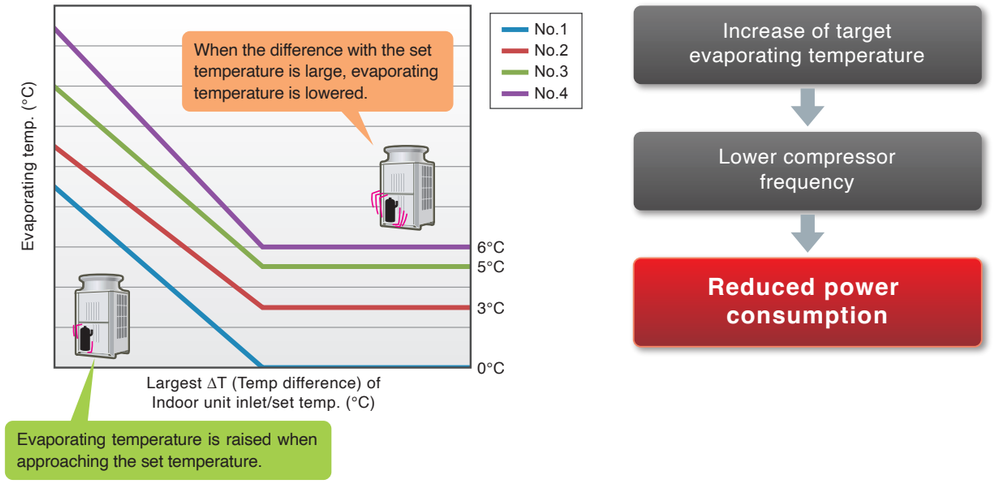
* Because evaporating temperature will constantly be higher, cooling capacity is reduced, which may result in the room not reaching the set temperature.
* To change the evaporating temperature setting, it is necessary to change the setting of the DIP switch on the outdoor unit.

2. Automatic shift control

Evaporating temperature is shifted according to the air conditioning load (ΔT). When approaching the set temperature, evaporating temperature is raised to reduce compressor workload and save energy. Four control patterns can be selected.

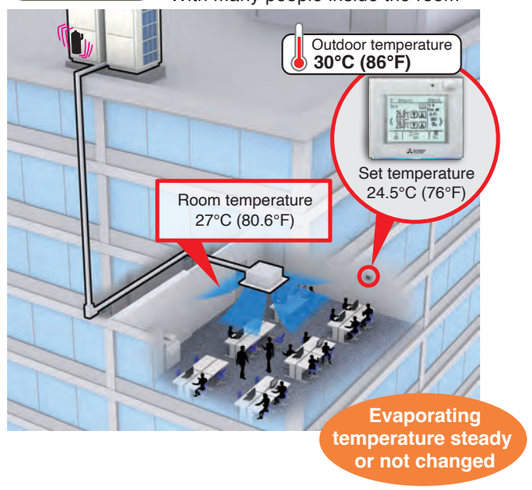
• Concept of evaporating temperature control (automatic shift control)

4 patterns for setting target evaporating temperature

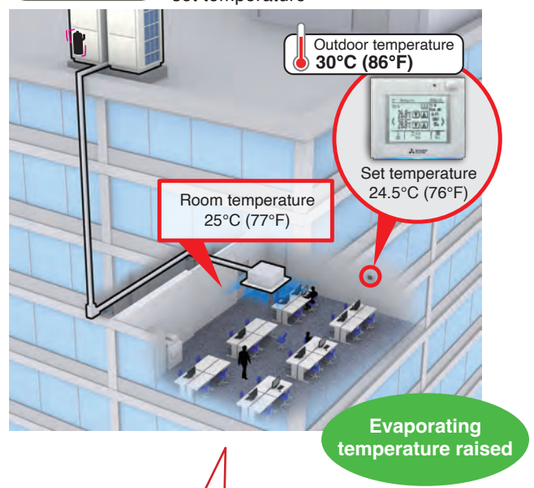


*1 To activate evaporating temperature control, use terminal external input.
*2 To change the evaporating temperature setting, it is necessary to change the setting of the DIP switch on the outdoor unit.

High load At start of operation / With many people inside the room



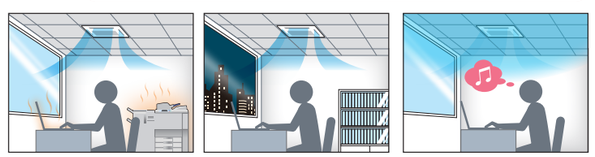
Low load As room temperature approaches set temperature



Evaporating temperature is changed according to the difference between room temperature and set temperature.

Suitable situations

(1) Locations with mainly sensible heat load by OA equipment (offices and similar)
(2) Relatively low-load conditions during air conditioning season (mornings or nights)
(3) When higher temperature of discharge air is desired in windy conditions



Cooling capacity at high outdoor air temperatures

1. Cooling operation possible up to intake temperature of 52°C

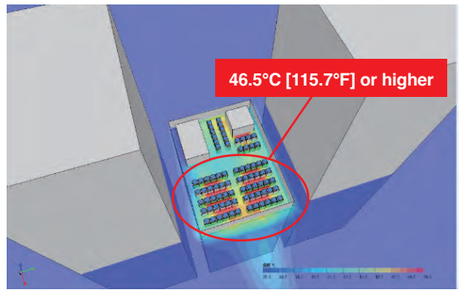
PUCY P PUCY GP PUCY EP

In built-up areas with a high density of buildings, winds may be blocked, causing an accumulation of warm air in the vicinity of the outdoor unit. Because the operation range of the YKE series has been guaranteed up to 52°C (126°F), operation will remain stable even in such situations.

Example of flow analysis

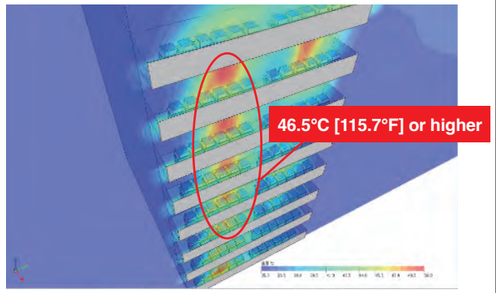
■ Conditions : Outdoor air temperature = 35°C (DB), Room temperature = 27°C (DB)

Built-up area with buildings and outdoor units



If the passage of air is blocked in a built-up area, the high-temperature air discharged from the outdoor units may be kept around the units.

Installation on each floor a high-rise building



When the outdoor units are installed on balconies, the high-temperature air discharged from the units may be kept in by upper balconies.

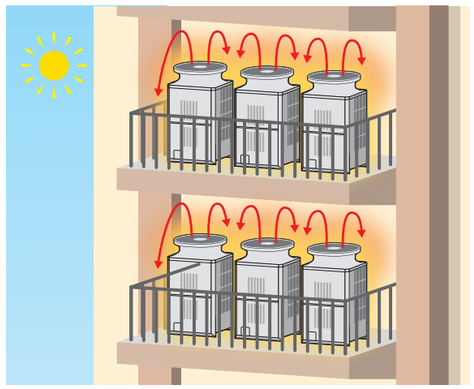
Cooling even under high outside temperature

Cooling only model

From 10°C [50°F] up to **52°C [126°F]**

Suitable situations

Installation in locations such as on balconies or between buildings, where high-temperature air may tend to accumulate.



2. Cooling operation assist function

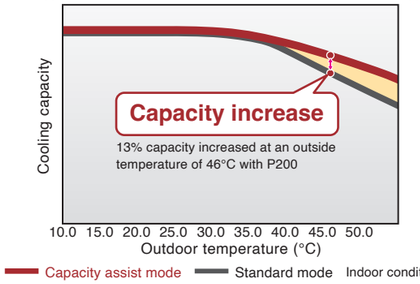
Capacity assist mode

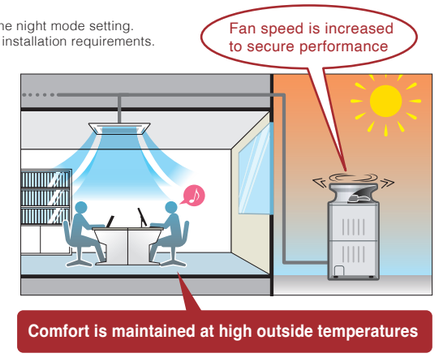
PUCY P PUCY GP PUCY EP

During cooling operation at high outside temperatures, cooling capacity tends to be decreased. The YKE and YKD series provides capacity assist mode where the fan speed is automatically raised when the outside temperature reaches or exceeds around 38°C. This prevents a drop in cooling capacity during operation at high outside air temperatures. Comfort is improved, thanks to continued high performance of the unit.

* Requires a DIP switch setting
* This function will be disabled when the unit is set to the outdoor high static pressure setting or to the night mode setting. The outdoor unit will make more noise due to an increased airflow. Choose the mode according to installation requirements.

Cooling capacity, with indoor units running at 100%



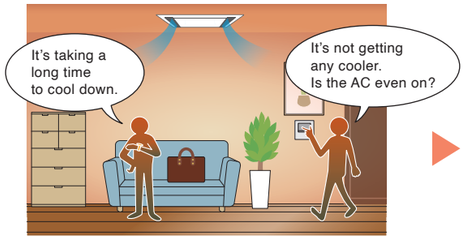


Rapid mode during startup (Quick-start up)

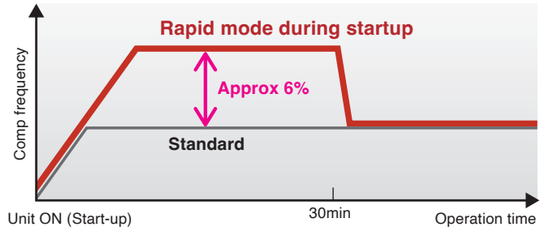
PUCY P PUCY GP PUCY EP PUHY P PUHY EP

The rotation speed of the compressor can be raised during the first 30 minutes after cooling startup, to quickly establish comfortable conditions when returning home or at the start of a workday.

* Requires a DIP switch setting
* Selecting this mode may increase operation noise. Choose the mode according to installation requirements.



The room does not cool off very quickly, and it takes a while before the room becomes comfortable.



Priority Cooling Function

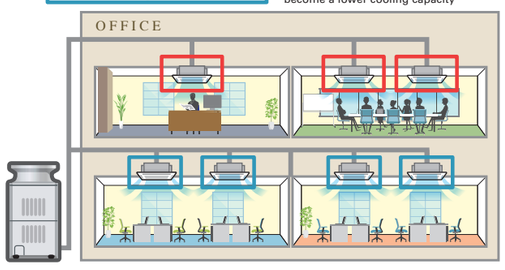
PUCY P PUCY GP PUCY EP

The cooling priority function enables the assurance of optimal comfort within designated spaces.

* Up to 3 indoor units can be priorizied
* Maximum 20% capacity of thermo-ON indoor units

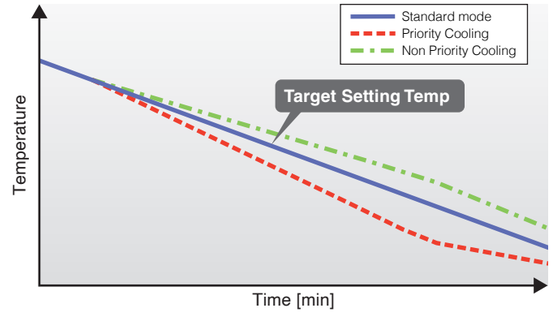
Priority Indoor Units
* The room temp with Priority Cooling Indoor Units decreases faster

Non-Priority Indoor Units
* Capacity with Non-priority cooling Indoor unit become a lower cooling capacity



Indoor units located in rooms which requires to be cooled down quickly can be selected for priority cooling.

Priority Cooling Temperature transition image

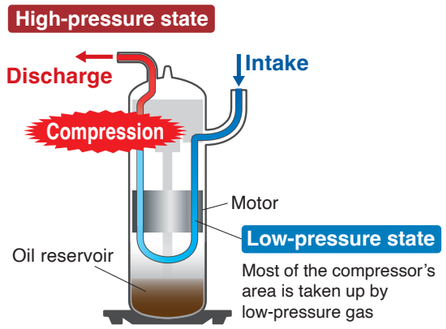


High reliability

1. Compressor

Liquid and gas refrigerants are separated beforehand by the accumulator to prevent liquid refrigerant from flowing into the compressor. Moreover, compressor structure is filled with low-pressure gas refrigerant. If liquid backflow occurs, the liquid will not enter the scroll of the compressed part directly.

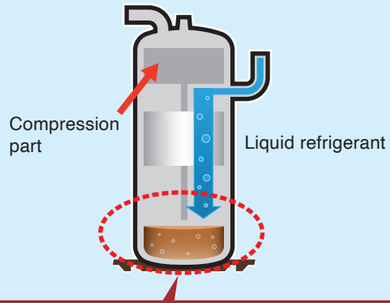
Low-pressure shells PUCY P PUCY GP PUCY EP



Cross section of compressor

Most of the area in the compressor is taken up by the low-pressure gas. This prevents the motor and bearings from being heated up by the compressed high-pressure gas. The refrigerant is collected at the bottom of the shell to reduce the rate of compressor damage caused by liquid refrigerant compression.

When liquid backflow has occurred



Liquid refrigerant goes to bottom part firstly

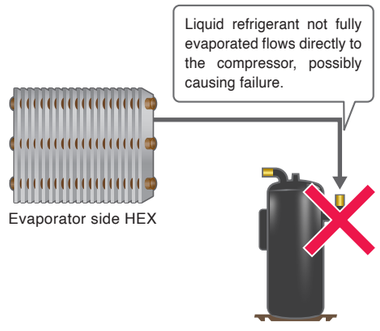
Liquid refrigerant doesn't go to compression part directly so that compressor itself is protected from malfunction due to liquid back .

Accumulator for preventing liquid backflow PUCY P PUCY GP PUCY EP

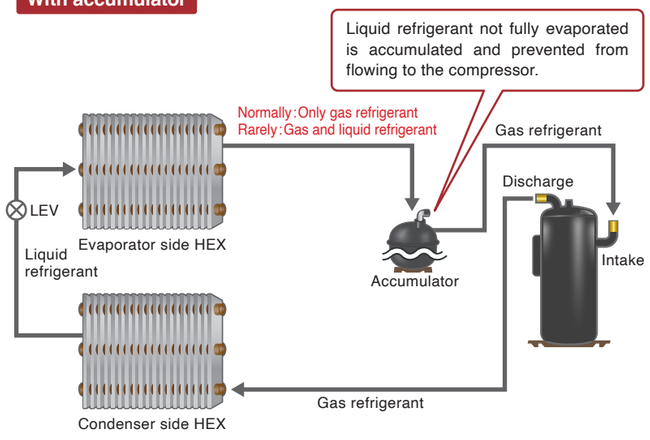
When the refrigerant is not completely evaporated by the evaporator, it may remain as a liquid, flowing back into the compressor and causing liquid compression, which poses the risk of serious damage to the compressor. To counter this problem, Mitsubishi Electric uses an accumulator placed between the evaporator and the compressor to separate the liquid refrigerant.

* Adding too much refrigerant will cause excess refrigerant to accumulate in the accumulator, resulting in liquid back flow. Be sure to add only the proper amount of refrigerant.

Without accumulator



With accumulator

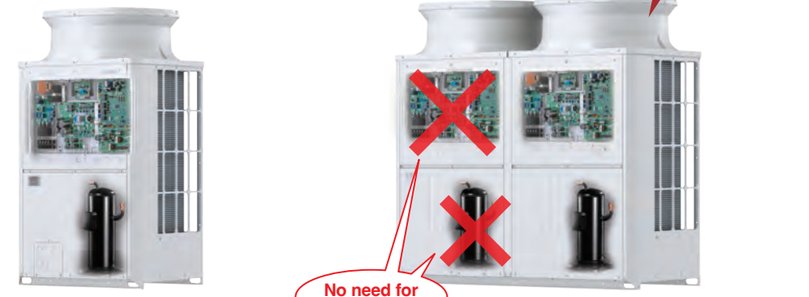


Operation with one compressor up to 20HP. PUCY P PUCY EP

Outdoor units can be operated by one compressor, which contributes to improve service with less refrigerant piping work and compornents.

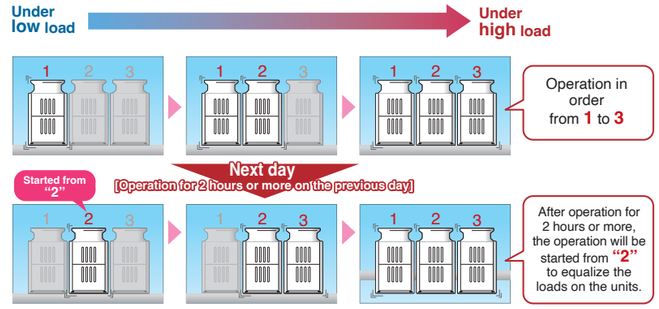
1 compressor model

Lower number of required key parts reduces maintenance requirements



Rotation control PUCY P PUCY GP PUCY EP

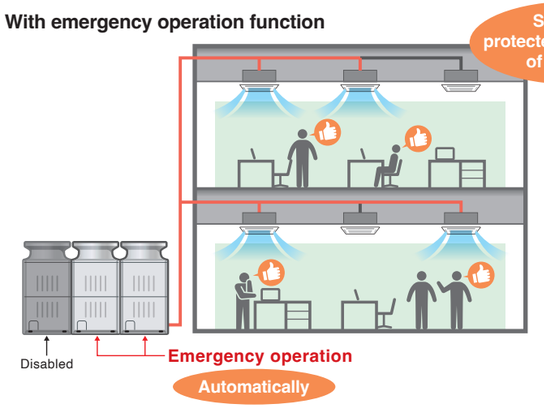
With the combination model, the outdoor units operate alternately. This reduces the operating load and leads to a longer service life.
After operation for 2 hours or more, the next operation will be started from the outdoor unit "2." The unit to be started first is changed to equalize the operating time of the units.



Emergency operation mode PUCY P PUCY GP PUCY EP

Emergency operation is possible with the indoor unit's remote control. With the combination model, if there is at least one module that can operate normally, the other outdoor unit temporaly performs emergency operation.

With emergency operation function



Even when one unit has fell in a malfunction, other outdoor units continue to operate.

* The number of indoor units that can continue to operate during emergency operation is limited. For information on the maximum total capacity of indoor units, refer to the Service Handbook for the outdoor unit.

High reliability

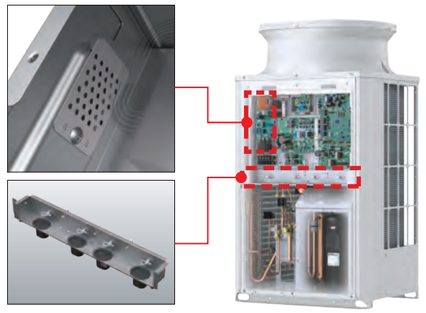
2. Electric parts

Gecko Guard PUCY P PUCY GP PUCY EP

The YKE series is equipped with preventive measures that keep insects from entering the control board box and causing a malfunction.

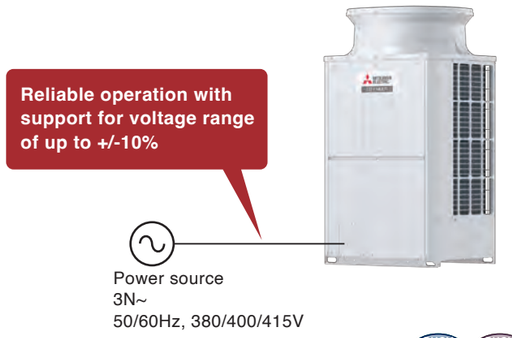
A slit prevents geckos from entering from the

A preventive measure at the bottom of the control board also keeps geckos out.



Allowable operating up to ±10% voltage range PUCY P PUCY GP PUCY EP

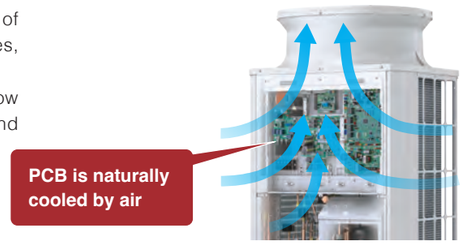
Operation of this model is guaranteed even for voltages up to 10% more or less than the indicated allowable voltage.



* When used 380V, operation is guaranteed even for voltages of up to maximum +20%

Naturally cooled PCB (Print circuit board) PUCY P PUCY GP PUCY EP

PCBs (printed circuit boards) carry a large number of electronic components. When operation load increases, suitable cooling measures are required.
Mitsubishi Electric places PCBs in the natural air flow path which enables air cooling to maintain efficiency and improve reliability of each electronic component.



Access from front panel PUCY P PUCY GP PUCY EP

Electrical parts are concentrated in the upper part of the panel which can be opened for easy replacement of PCBs if required.
Because the compressor is located in the lower right when the panel is opened, the service technician can easily perform maintenance from the front.

* Arrange a qualified technician for maintenance or service.

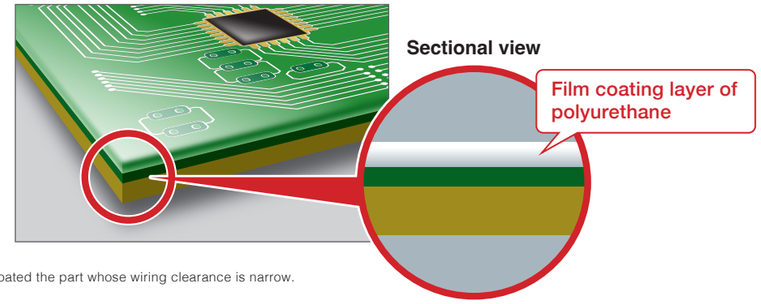
3. Corrosion resistance

Even in installation environments near coastal areas, Mitsubishi Electric products reduce the effects of corrosion due to salt damage by using a special coating designed for outdoor units.

* Effectiveness varies depending on the installation location.

Film coating on PCB (Print circuit board) PUCY P PUCY GP PUCY EP

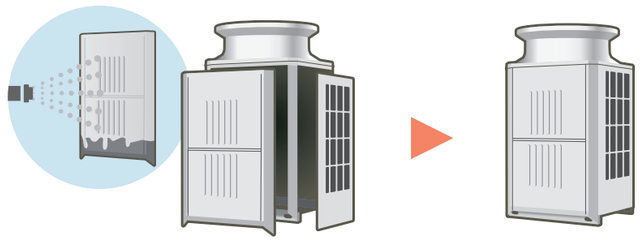
The printed circuit boards are protected by a film coating of polyurethane that covers the entire board to ensure resistance against salt corrosion.



* Standard model is only coated the part whose wiring clearance is narrow.

Polyester coated sheet PUCY P PUCY GP PUCY EP

To prevent corrosion of the unit even in locations subject to the influence of sea breezes, the outdoor units are made with polyester coated steel sheets compliant with the JRA 9002 standard. The panel coating is used both on standard models and BS models, while BS models also include a thicker coating.



New heat exchanger design PUCY P PUCY GP PUCY EP

The new YKE series incorporates a new heat exchanger comprising aluminum alloy flat tubes and fins treated with zinc for anti-corrosion. This design is especially effective in coastal and urban environments where salt or traffic exhaust can damage aluminum heat exchangers and reduce their capacity and life expectancy of the unit.

High reliability

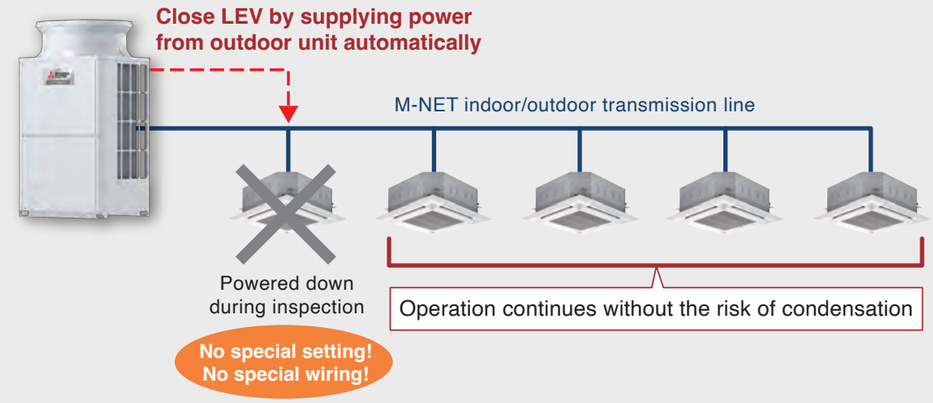
4. Operation support function

Without requiring any special settings or control steps, Mitsubishi Electric's original M-NET system enables other indoor units to continue operation even when one unit has stopped due to malfunction.

* Support for PUMY and PQHY models available.

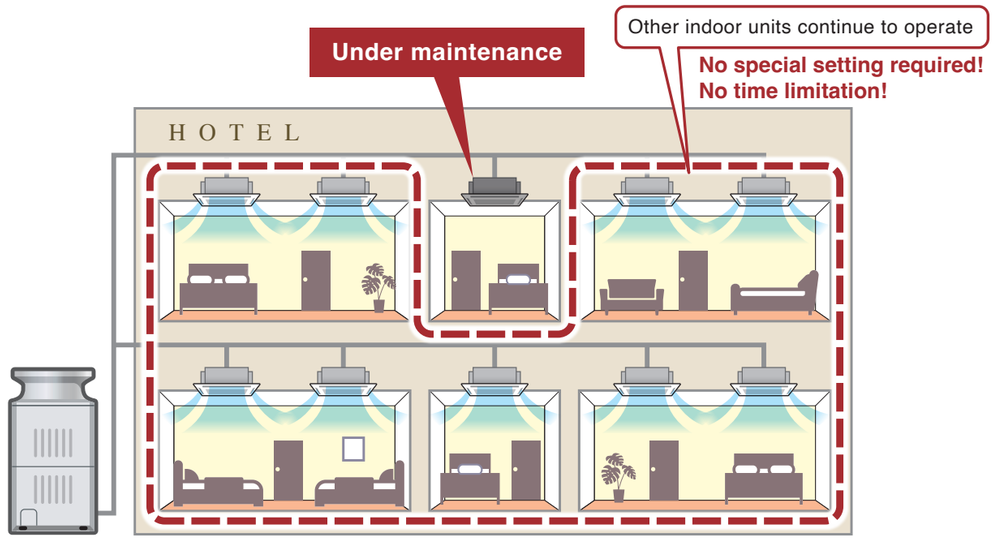
With M-NET indoor/outdoor unit communication function (CITY MULTI)

Because Mitsubishi Electric's M-NET transmission line can also supply power, it is possible to close the LEV of indoor units that has caused problem through control command from outdoor unit. This eliminates the risk of condensation and enables the other units to keep working.



For hotel application

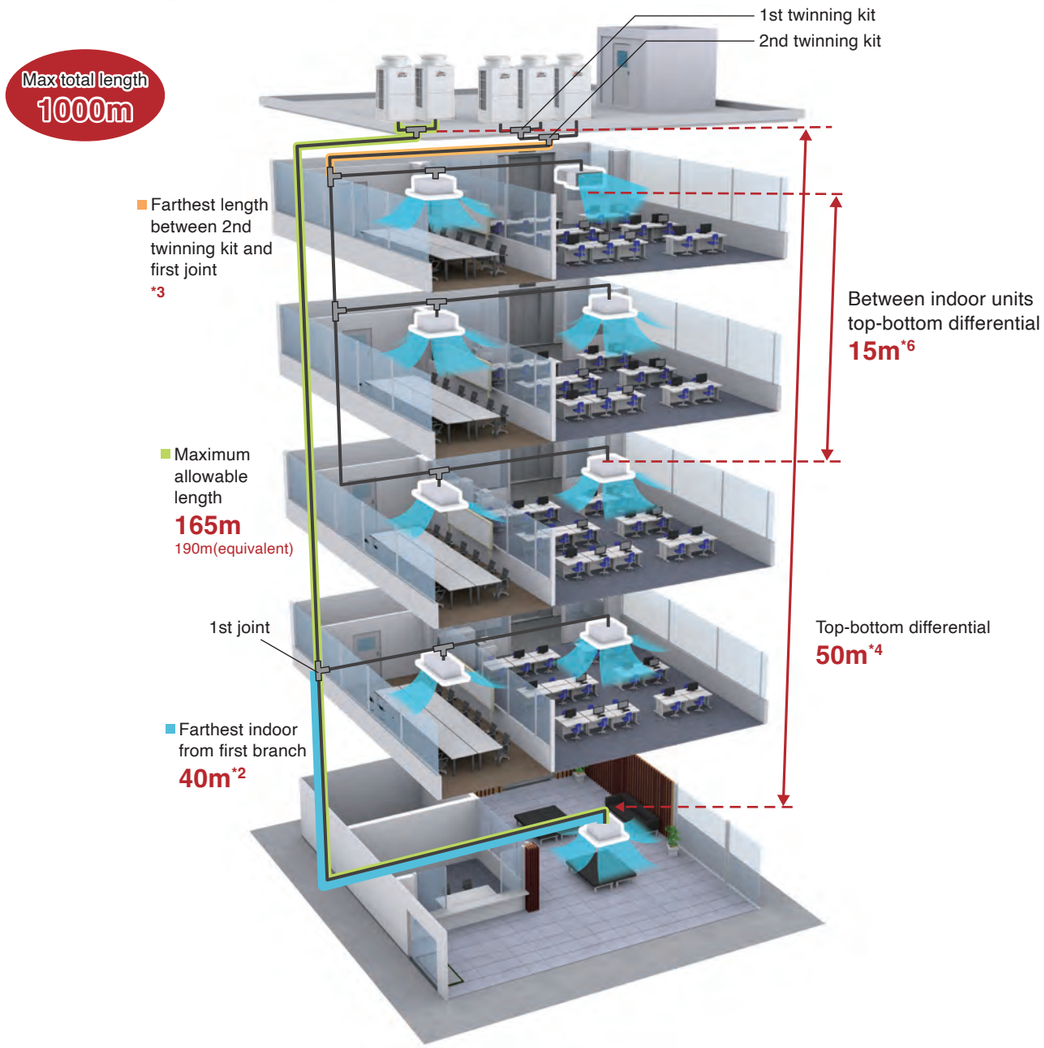
Even if the system in one guest room cannot be used, air conditioning in other rooms does not need to be shut down, allowing business to continue.



High installation flexibility

Long piping length

Piping design also provides the flexibility to match the requirements of various buildings. With CITY MULTI, even large-scale building installations are no problem.



Refrigerant Piping Lengths	Maximum meters [feet]
Total length	1,000 [3,280]*1
Maximum allowable length	165 (190 equivalent) [541 (623)]
Farthest indoor from first branch	40 [131]*2
Farthest length between 2nd twinning kit and first joint	*3

Vertical differentials between units	Maximum meters [feet]
Indoor/outdoor (outdoor higher)	50 [164]*4
Indoor/outdoor (outdoor lower)	40 [131]*5
Indoor/indoor	15 [49]*6

*1 The maximum total piping length in systems with model units P1400 through P1500 800 m [2625 ft.].
*2 90m is available. When the piping length exceeds 40m, use one size larger liquid pipe starting with the section of piping where 40m is exceeded and all piping after that point.
[for PUCY-P-YKE(-BS) / PUCY-GP-YKE(-BS) / PUCY-EP-YKE(-BS)/ PUHY-(E)P-YKD(-BS)]
*3 In systems with model units P1400 through P1500, pipe length restrictions apply to the main pipes as follows:
P1400: 110 m [360 ft.] max.
P1450: 90 m [295 ft.] max.
P1500: 60 m [197 ft.] max.
*4 Depending on the model and installation conditions, top-bottom differential 90m [295ft]. For more detailed information, please contact your nearest sales office or distributor.
*5 4 m [13 ft.] or less in cooling at outdoor temperature 10°C [50°F] or lower for heat pump series.
*6 30m is available. If the height difference between indoor units exceeds 15 m [49 ft.] (but does not exceed 30 m [98 ft.]), use pipes that are one size larger for indoor unit liquid pipes.
[for PUCY-P-YKE(-BS) / PUCY-GP-YKE(-BS) / PUCY-EP-YKE(-BS) / PUHY-(E)P-YKD(-BS)]

OUTDOOR UNIT

YKE-series - Cooling-only Standard type

PUCY-P YKE (-BS)

Specifications

Model			PUCY-P200YKE (-BS)	PUCY-P250YKE (-BS)	PUCY-P300YKE (-BS)	PUCY-P350YKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	22.4	28.5	33.5	40.0
		BTU/h	76,400	97,200	114,300	136,500
	Power input	kW	4.48	6.04	7.78	9.45
	Current input	A	7.5-7.1-6.9	10.1-9.6-9.3	13.1-12.4-12.0	15.9-15.1-14.6
	EER	kW/kW	5.00	4.71	4.30	4.23
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~17	1~21	1~26	1~30
Sound pressure level (measured in anechoic room)		dB <A>	57.0	58.0	61.0	61.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed (12.7 (1/2) Brazed, farthest length >= 90 m)	9.52 (3/8) Brazed (12.7 (1/2) Brazed, farthest length >= 40 m)	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	150	150	150	210
		L/s	2,500	2,500	2,500	3,500
		cfm	5,296	5,296	5,296	7,415
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter	Inverter	Inverter
	Motor output	kW	3.0	4.3	5.8	7.3
	Case heater	kW	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)
Net weight		kg (lbs)	170 (375)	170 (375)	170 (375)	207 (457)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube	Salt-resistant corrugated fin & aluminium alloy tube	Salt-resistant corrugated fin & aluminium alloy tube	Salt-resistant corrugated fin & aluminium alloy tube
Optional parts			Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G
Engery Labelling Scheme						

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series - Cooling-only Standard type

PUCY-P YKE (-BS)

Specifications

Model			PUCY-P400YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P500YKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	44.0	48.0	56.0
		BTU/h	150,100	163,800	191,100
	Power input	kW	11.12	12.67	14.73
	Current input	A	18.7-17.8-17.1	21.3-20.3-19.5	24.8-23.6-22.7
	EER	kW/kW	3.95	3.78	3.80
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~34	1~39	1~43
Sound pressure level (measured in anechoic room)		dB <A>	63.5	64.0	65.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 2
	Air flow rate	m^3/min	250	250	320
		L/s	4,167	4,167	5,333
		cfm	8,828	8,828	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 2
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	8.7	10.0	10.9
	Case heater	kW	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D		mm	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,750 x 740
		in.	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
Refrigerant	Type x original charge		R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	207 (457)	207 (457)	260 (574)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube	Salt-resistant corrugated fin & aluminium alloy tube	Salt-resistant corrugated fin & aluminium alloy tube
Optional parts			Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G
Engery Labelling Scheme					

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only Standard type

PUCY-P YSKE (-BS)

Specifications

Model			PUCY-P550YSKE (-BS)	PUCY-P600YSKE (-BS)	PUCY-P650YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	62.0	68.5	72.5
		BTU/h	211,500	233,700	247,400
	Power input	kW	14.09	15.39	17.63
	Current input	A	23.7-22.5-21.7	25.9-24.6-23.7	29.7-28.2-27.2
	EER	kW/kW	4.40	4.45	4.11
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~47	1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	63.0	63.0	65.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed

Set Model

Model			PUCY-P250YKE (-BS)	PUCY-P300YKE (-BS)	PUCY-P250YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P250YKE (-BS)	PUCY-P400YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	150	150	150	210	150	250
		L/s	2,500	2,500	2,500	3,500	2,500	4,167
		cfm	5,296	5,296	5,296	7,415	5,296	8,828
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
*2	External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	4.3	5.8	4.3	7.3	4.3	8.7
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)
Net weight		kg (lbs)	170 (375)	170 (375)	170 (375)	207 (457)	170 (375)	207 (457)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube	
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G	
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only Standard type

PUCY-P YSKE (-BS)

Specifications

Model			PUCY-P700YSKE (-BS)	PUCY-P750YSKE (-BS)	PUCY-P800YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	76.5	81.5	88.0
		BTU/h	261,000	278,100	300,300
	Power input	kW	18.98	21.27	23.46
	Current input	A	32.0-30.4-29.3	35.9-34.1-32.8	39.6-37.6-36.2
	EER	kW/kW	4.03	3.83	3.75
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	65.0	66.0	66.5
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	34.93 (1-3/8) Brazed	34.93 (1-3/8) Brazed	34.93 (1-3/8) Brazed

Set Model

Model			PUCY-P250YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P300YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P400YKE (-BS)	PUCY-P400YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	150	250	150	250	250	250
		L/s	2,500	4,167	2,500	4,167	4,167	4,167
		cfm	5,296	8,828	5,296	8,828	8,828	8,828
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
*2	External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	4.3	10.0	5.8	10.0	8.7	8.7
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)
Net weight		kg (lbs)	170 (375)	207 (457)	170 (375)	207 (457)	207 (457)	207 (457)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube	
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	15.88 (5/8) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G	
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only Standard type

PUCY-P YSKE (-BS)

Specifications

Model			PUCY-P850YSKE (-BS)	PUCY-P900YSKE (-BS)	PUCY-P950YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	92.0	96.0	104.0
		BTU/h	313,900	327,600	354,800
	Power input	kW	25.06	26.74	28.88
	Current input	A	42.3-40.1-38.7	45.1-42.8-41.3	48.7-46.3-44.6
	EER	kW/kW	3.67	3.59	3.60
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	67.0	67.0	67.5
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P400YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P500YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 2
	Air flow rate	m^3/min	250	250	250	250	250	320
		L/s	4,167	4,167	4,167	4,167	4,167	5,333
		cfm	8,828	8,828	8,828	8,828	8,828	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 2
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	8.7	10.0	10.0	10.0	10.0	10.9
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,750 x 740
		in.	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	207 (457)	207 (457)	207 (457)	207 (457)	207 (457)	260 (574)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube	
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G	
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only Standard type

PUCY-P YSKE (-BS)

Specifications

Model			PUCY-P1000YSKE (-BS)	PUCY-P1050YSKE (-BS)	PUCY-P1100YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	112.0	115.0	121.5
		BTU/h	382,100	392,400	414,600
	Power input	kW	31.02	29.33	30.91
	Current input	A	52.3-49.7-47.9	49.5-47.0-45.3	52.1-49.5-47.7
	EER	kW/kW	3.61	3.92	3.93
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	68.0	67.0	67.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P500YKE (-BS)	PUCY-P500YKE (-BS)	PUCY-P300YKE (-BS)	PUCY-P300YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P300YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P450YKE (-BS)
Fan	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	320	320	150	150	250	150	210	250
		L/s	5,333	5,333	2,500	2,500	4,167	2,500	3,500	4,167
		cfm	11,299	11,299	5,296	5,296	8,828	5,296	7,415	8,828
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 2	0.92 x 2	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	10.9	10.9	5.8	5.8	10.0	5.8	7.3	10.0
	Case heater	kW	–	–	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740
		in.	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)
Net weight		kg (lbs)	260 (574)	260 (574)	170 (375)	170 (375)	207 (457)	170 (375)	207 (457)	207 (457)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme										

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series - Cooling-only Standard type

PUCY-P YSKE (-BS)

Specifications

Model			PUCY-P1150YSKE (-BS)	PUCY-P1200YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	128.0	132.0
		BTU/h	436,700	450,400
	Power input	kW	33.33	35.20
	Current input	A	56.2-53.4-51.5	59.4-56.4-54.4
	EER	kW/kW	3.84	3.75
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	68.0	68.5
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P350YKE (-BS)	PUCY-P400YKE (-BS)	PUCY-P400YKE (-BS)	PUCY-P400YKE (-BS)	PUCY-P400YKE (-BS)	PUCY-P400YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	210	250	250	250	250	250
		L/s	3,500	4,167	4,167	4,167	4,167	4,167
		cfm	7,415	8,828	8,828	8,828	8,828	8,828
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	7.3	8.7	8.7	8.7	8.7	8.7
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740
		in.	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)
Net weight		kg (lbs)	207 (457)	207 (457)	207 (457)	207 (457)	207 (457)	207 (457)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series - Cooling-only Standard type

PUCY-P YSKE (-BS)

Specifications

Model			PUCY-P1250YSKE (-BS)	PUCY-P1300YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	136.0	140.0
		BTU/h	464,000	477,700
	Power input	kW	36.85	38.46
	Current input	A	62.2-59.0-56.9	64.9-61.6-59.4
	EER	kW/kW	3.69	3.64
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		2~50	2~50
Sound pressure level (measured in anechoic room)		dB <A>	68.5	69.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P400YKE (-BS)	PUCY-P400YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P400YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P450YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	250	250	250	250	250	250
		L/s	4,167	4,167	4,167	4,167	4,167	4,167
		cfm	8,828	8,828	8,828	8,828	8,828	8,828
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	8.7	8.7	10.0	8.7	10.0	10.0
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740
		in.	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)
Net weight		kg (lbs)	207 (457)	207 (457)	207 (457)	207 (457)	207 (457)	207 (457)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only Standard type

PUCY-P YSKE (-BS)

Specifications

Model			PUCY-P1350YSKE (-BS)	PUCY-P1400YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	144.0	152.0
		BTU/h	491,300	518,600
	Power input	kW	40.11	42.33
	Current input	A	67.7-64.3-62.0	71.4-67.8-65.4
	EER	kW/kW	3.59	3.59
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		2~50	2~50
Sound pressure level (measured in anechoic room)		dB <A>	69.0	69.5
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P450YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P450YKE (-BS)	PUCY-P500YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 2
	Air flow rate	m^3/min	250	250	250	250	250	320
		L/s	4,167	4,167	4,167	4,167	4,167	5,333
		cfm	8,828	8,828	8,828	8,828	8,828	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 2
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	10.0	10.0	10.0	10.0	10.0	10.9
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,750 x 740
		in.	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	207 (457)	207 (457)	207 (457)	207 (457)	207 (457)	260 (574)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only Standard type

PUCY-P YSKE (-BS)

Specifications

Model			PUCY-P1450YSKE (-BS)	PUCY-P1500YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	160.0	168.0
		BTU/h	545,900	573,200
	Power input	kW	44.44	46.53
	Current input	A	75.0-71.2-68.6	78.5-74.6-71.9
	EER	kW/kW	3.60	3.61
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		2~50	2~50
Sound pressure level (measured in anechoic room)		dB <A>	69.5	70.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P450YKE (-BS)	PUCY-P500YKE (-BS)	PUCY-P500YKE (-BS)	PUCY-P500YKE (-BS)	PUCY-P500YKE (-BS)	PUCY-P500YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m^3/min	250	320	320	320	320	320
		L/s	4,167	5,333	5,333	5,333	5,333	5,333
		cfm	8,828	11,299	11,299	11,299	11,299	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 1	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	10.0	10.9	10.9	10.9	10.9	10.9
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,220 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
		in.	65 x 48-1/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 5.0 kg (12 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	207 (457)	260 (574)	260 (574)	260 (574)	260 (574)	260 (574)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series - Cooling-only High Standard type

PUCY-GP YSKE (-BS)

Specifications

Model			PUCY-GP400YSKE (-BS)	PUCY-GP450YSKE (-BS)	PUCY-GP500YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	44.8	50.9	57.0
		BTU/h	152,900	173,700	194,500
	Power input	kW	9.43	11.04	12.75
	Current input	A	15.9-15.1-14.5	18.6-17.7-17.0	21.5-20.4-19.7
	EER	kW/kW	4.75	4.61	4.47
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~34	1~39	1~43
Sound pressure level (measured in anechoic room)		dB <A>	60.0	60.5	61.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed

Set Model

Model			PUCY-P200YKE (-BS)	PUCY-P200YKE (-BS)	PUCY-P200YKE (-BS)	PUCY-P250YKE (-BS)	PUCY-P250YKE (-BS)	PUCY-P250YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	150	150	150	150	150	150
		L/s	2,500	2,500	2,500	2,500	2,500	2,500
		cfm	5,296	5,296	5,296	5,296	5,296	5,296
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	3.0	3.0	3.0	4.3	4.3	4.3
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)
Net weight		kg (lbs)	170 (375)	170 (375)	170 (375)	170 (375)	170 (375)	170 (375)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube	
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G	
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series - Cooling-only High Standard type

PUCY-GP YSKE (-BS)

Specifications

Model			PUCY-GP650YSKE (-BS)	PUCY-GP700YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	73.5	80.0
		BTU/h	250,800	273,000
	Power input	kW	18.14	19.51
	Current input	A	30.6-29.0-28.0	32.9-31.2-30.1
	EER	kW/kW	4.05	4.10
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	64.0	64.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	34.93 (1-3/8) Brazed

Set Model

Model			PUCY-P300YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P350YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	150	210	210	210
		L/s	2,500	3,500	3,500	3,500
		cfm	5,296	7,415	7,415	7,415
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter
	Motor output	kW	5.8	7.3	7.3	7.3
	Case heater	kW	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)
Net weight		kg (lbs)	170 (375)	207 (457)	207 (457)	207 (457)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube	
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G	
						

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Standard type

PUCY-GP YSKE (-BS)

Specifications

Model			PUCY-GP750YSKE (-BS)	PUCY-GP800YSKE (-BS)	PUCY-GP850YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal) *1		kW	84.8	90.9	97.0
		BTU/h	289,300	310,200	331,000
	Power input	kW	18.84	20.61	22.45
	Current input	A	31.8-30.2-29.1	34.7-33.0-31.8	37.8-36.0-34.7
	EER	kW/kW	4.50	4.41	4.32
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	63.5	64.0	64.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	34.93 (1-3/8) Brazed	34.93 (1-3/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P200YKE (-BS)	PUCY-P200YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P200YKE (-BS)	PUCY-P250YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P250YKE (-BS)	PUCY-P250YKE (-BS)	PUCY-P350YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	150	150	210	150	150	210	150	150	210
		L/s	2,500	2,500	3,500	2,500	2,500	3,500	2,500	2,500	3,500
		cfm	5,296	5,296	7,415	5,296	5,296	7,415	5,296	5,296	7,415
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	3.0	3.0	7.3	3.0	4.3	7.3	4.3	4.3	7.3
	Case heater	kW	–	–	–	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)
Net weight		kg (lbs)	170 (375)	170 (375)	207 (457)	170 (375)	170 (375)	207 (457)	170 (375)	170 (375)	207 (457)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme											

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

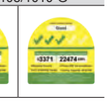
- Cooling-only High Standard type

PUCY-GP YSKE (-BS)

Specifications

Model			PUCY-GP900YSKE (-BS)	PUCY-GP950YSKE (-BS)	PUCY-GP1000YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal) *1		kW	102.0	107.0	113.5
		BTU/h	348,000	365,100	387,300
	Power input	kW	24.34	26.35	28.09
	Current input	A	41.0-39.0-37.6	44.4-42.2-40.7	47.4-45.0-43.4
	EER	kW/kW	4.19	4.06	4.04
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	65.0	66.0	66.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P250YKE (-BS)	PUCY-P300YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P300YKE (-BS)	PUCY-P300YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P300YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P350YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	150	150	210	150	150	210	150	210	210
		L/s	2,500	2,500	3,500	2,500	2,500	3,500	2,500	3,500	3,500
		cfm	5,296	5,296	7,415	5,296	5,296	7,415	5,296	7,415	7,415
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	4.3	5.8	7.3	5.8	5.8	7.3	5.8	7.3	7.3
	Case heater	kW	–	–	–	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)
Net weight		kg (lbs)	170 (375)	170 (375)	207 (457)	170 (375)	170 (375)	207 (457)	170 (375)	207 (457)	207 (457)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme											

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Standard type

PUCY-GP YSKE (-BS)

Specifications

Model			PUCY-GP1050YSKE (-BS)	PUCY-GP1100YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	120.0	124.0
		BTU/h	409,400	423,100
	Power input	kW	28.91	31.63
	Current input	A	48.8-46.3-44.6	53.3-50.7-48.8
	EER	kW/kW	4.15	3.92
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	66.0	67.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P350YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P350YKE (-BS)	PUCY-P400YKE (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	210	210	210	210	210	250
		L/s	3,500	3,500	3,500	3,500	3,500	4,167
		cfm	7,415	7,415	7,415	7,415	7,415	8,828
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	7.3	7.3	7.3	7.3	7.3	8.7
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740
		in.	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)	R410A x 5.0 kg (12 lbs)
Net weight		kg (lbs)	207 (457)	207 (457)	207 (457)	207 (457)	207 (457)	207 (457)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme			Good ★3371 22474 kWh	Good ★3371 22474 kWh	Good ★3371 22474 kWh	Good ★3371 22474 kWh	Good ★3371 22474 kWh	Fair ★3801 25343 kWh

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YKE (-BS)

Specifications

Model			PUCY-EP200YKE (-BS)	PUCY-EP250YKE (-BS)	PUCY-EP300YKE (-BS)	PUCY-EP350YKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	22.4	28.5	33.5	40.0
		BTU/h	76,400	97,200	114,300	136,500
	Power input	kW	4.43	6.00	7.08	8.60
	Current input	A	7.4-7.1-6.8	10.1-9.6-9.2	11.9-11.3-10.9	14.5-13.7-13.2
	EER	kW/kW	5.05	4.75	4.73	4.65
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~17	1~21	1~26	1~30
Sound pressure level (measured in anechoic room)		dB <A>	57.0	58.0	60.5	60.5
Refrigerant piping diameter	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed (12.7 (1/2) Brazed, farthest length >= 90 m)	9.52 (3/8) Brazed (12.7 (1/2) Brazed, farthest length >= 40 m)	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m^3/min	150	150	320	320
		L/s	2,500	2,500	5,333	5,333
		cfm	5,296	5,296	11,299	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 2	0.92 x 2
	*2 External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter	Inverter	Inverter
	Motor output	kW	2.9	4.3	4.3	5.6
	Case heater	kW	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	170 (375)	170 (375)	247 (545)	262 (578)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube	Salt-resistant corrugated fin & aluminium alloy tube	Salt-resistant corrugated fin & aluminium alloy tube	Salt-resistant corrugated fin & aluminium alloy tube
Optional parts			Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G
Engery Labelling Scheme			Excellent ★1624 10826 kWh	Excellent ★2068 13783 kWh	Excellent ★2435 16234 kWh	Excellent ★2894 19296 kWh

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YKE (-BS)

Specifications

Model			PUCY-EP400YKE (-BS)	PUCY-EP450YKE (-BS)	PUCY-EP500YKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal) *1		kW	44.0	48.0	56.0
		BTU/h	150,100	163,800	191,100
	Power input	kW	10.13	11.42	14.33
	Current input	A	17.1-16.2-15.6	19.2-18.3-17.6	24.1-22.9-22.1
	EER	kW/kW	4.34	4.20	3.90
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~34	1~39	1~43
Sound pressure level (measured in anechoic room)		dB <A>	59.0	60.5	64.5
Refrigerant piping diameter	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m^3/min	320	320	320
		L/s	5,333	5,333	5,333
		cfm	11,299	11,299	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 2	0.92 x 2	0.92 x 2
*2	External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	6.9	8.0	10.6
	Case heater	kW	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
		in.	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
Refrigerant	Type x original charge		R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	260 (574)	260 (574)	260 (574)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube	Salt-resistant corrugated fin & aluminium alloy tube	Salt-resistant corrugated fin & aluminium alloy tube
Optional parts			Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G
Engery Labelling Scheme					

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YSKE (-BS)

Specifications

Model			PUCY-EP400YSKE (-BS)	PUCY-EP450YSKE (-BS)	PUCY-EP500YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal) *1		kW	44.8	50.9	57.0
		BTU/h	152,900	173,700	194,500
	Power input	kW	9.35	10.94	12.63
	Current input	A	15.7-14.9-14.4	18.4-17.5-16.9	21.3-20.2-19.5
	EER	kW/kW	4.79	4.65	4.51
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~34	1~39	1~43
Sound pressure level (measured in anechoic room)		dB <A>	60.0	60.5	61.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed

Set Model

Model			PUCY-EP200YKE (-BS)	PUCY-EP200YKE (-BS)	PUCY-EP200YKE (-BS)	PUCY-EP250YKE (-BS)	PUCY-EP250YKE (-BS)	PUCY-EP250YKE (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m^3/min	150	150	150	150	150	150
		L/s	2,500	2,500	2,500	2,500	2,500	2,500
		cfm	5,296	5,296	5,296	5,296	5,296	5,296
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
*2	External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	2.9	2.9	2.9	4.3	4.3	4.3
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)
Net weight		kg (lbs)	170 (375)	170 (375)	170 (375)	170 (375)	170 (375)	170 (375)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube	
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G	
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YSKE (-BS)

Specifications

Model			PUCY-EP550YSKE (-BS)	PUCY-EP600YSKE (-BS)	PUCY-EP650YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	62.4	68.5	73.5
		BTU/h	212,900	233,700	250,800
	Power input	kW	13.56	15.25	16.51
	Current input	A	22.8-21.7-20.9	25.7-24.4-23.5	27.8-26.4-25.5
	EER	kW/kW	4.60	4.49	4.45
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~47	1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	62.5	63.5	63.5
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed

Set Model

Model			PUCY-EP200YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP300YKE (-BS)	PUCY-EP300YKE (-BS)	PUCY-EP300YKE (-BS)	PUCY-EP350YKE (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m^3/min	150	320	320	320	320	320
		L/s	2,500	5,333	5,333	5,333	5,333	5,333
		cfm	5,296	11,299	11,299	11,299	11,299	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2
*2	External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	2.9	5.6	4.3	4.3	4.3	5.6
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	170 (375)	262 (578)	247 (545)	247 (545)	247 (545)	262 (578)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube	
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G	
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YSKE (-BS)

Specifications

Model			PUCY-EP700YSKE (-BS)	PUCY-EP750YSKE (-BS)	PUCY-EP800YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	80.0	84.8	90.9
		BTU/h	273,000	289,300	310,200
	Power input	kW	18.14	18.15	19.89
	Current input	A	30.6-29.0-28.0	30.6-29.1-28.0	33.5-31.8-30.7
	EER	kW/kW	4.41	4.67	4.57
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	63.5	63.5	63.5
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	34.93 (1-3/8) Brazed	34.93 (1-3/8) Brazed	34.93 (1-3/8) Brazed

Set Model

Model			PUCY-EP350YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP200YKE (-BS)	PUCY-EP200YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP200YKE (-BS)	PUCY-EP250YKE (-BS)	PUCY-EP350YKE (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 1	Propeller fan x 1	Propeller fan x 2	Propeller fan x 1	Propeller fan x 1	Propeller fan x 2
	Air flow rate	m^3/min	320	320	150	150	320	150	150	320
		L/s	5,333	5,333	2,500	2,500	5,333	2,500	2,500	5,333
		cfm	11,299	11,299	5,296	5,296	11,299	5,296	5,296	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 2	0.92 x 2	0.92 x 1	0.92 x 1	0.92 x 2	0.92 x 1	0.92 x 1	0.92 x 2
*2	External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	5.6	5.6	2.9	2.9	5.6	2.9	4.3	5.6
	Case heater	kW	–	–	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,750 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,750 x 740
		in.	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	262 (578)	262 (578)	170 (375)	170 (375)	262 (578)	170 (375)	170 (375)	262 (578)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube		Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme										

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YSKE (-BS)

Specifications

Model			PUCY-EP850YSKE (-BS)	PUCY-EP900YSKE (-BS)	PUCY-EP950YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	97.0	102.4	107.0
		BTU/h	331,000	349,400	365,100
	Power input	kW	21.65	22.55	23.99
	Current input	A	36.5-34.7-33.4	38.0-36.1-34.8	40.4-38.4-37.0
	EER	kW/kW	4.48	4.54	4.46
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	64.0	64.5	65.5
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-EP250YKE (-BS)	PUCY-EP250YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP200YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP300YKE (-BS)	PUCY-EP300YKE (-BS)	PUCY-EP350YKE (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 2	Propeller fan x 1	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m^3/min	150	150	320	150	320	320	320	320	320
		L/s	2,500	2,500	5,333	2,500	5,333	5,333	5,333	5,333	5,333
		cfm	5,296	5,296	11,299	5,296	11,299	11,299	11,299	11,299	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 2	0.92 x 1	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2
*2	External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	4.3	4.3	5.6	2.9	5.6	5.6	4.3	4.3	5.6
	Case heater	kW	–	–	–	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,750 x 740	1,650 x 920 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
		in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 3.0 kg (7 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 3.0 kg (7 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	170 (375)	170 (375)	262 (578)	170 (375)	262 (578)	262 (578)	247 (545)	247 (545)	262 (578)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme											

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YSKE (-BS)

Specifications

Model			PUCY-EP1000YSKE (-BS)	PUCY-EP1050YSKE (-BS)	PUCY-EP1100YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	113.5	120.0	124.0
		BTU/h	387,300	409,400	423,100
	Power input	kW	25.56	27.21	28.77
	Current input	A	43.1-40.9-39.5	45.9-43.6-42.0	48.5-46.1-44.4
	EER	kW/kW	4.44	4.41	4.31
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	65.5	65.5	65.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-EP300YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP350YKE (-BS)	PUCY-EP400YKE (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m^3/min	320	320	320	320	320	320	320	320	320
		L/s	5,333	5,333	5,333	5,333	5,333	5,333	5,333	5,333	5,333
		cfm	11,299	11,299	11,299	11,299	11,299	11,299	11,299	11,299	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2
*2	External static press.		0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)	0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	4.3	5.6	5.6	5.6	5.6	5.6	5.6	5.6	6.9
	Case heater	kW	–	–	–	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
		in.	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	247 (545)	262 (578)	262 (578)	262 (578)	262 (578)	262 (578)	262 (578)	262 (578)	260 (574)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme											

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH_2O, 6.1 mmH_2O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YSKE (-BS)

Specifications

Model			PUCY-EP1150YSKE (-BS)	PUCY-EP1200YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	128.0	132.0
		BTU/h	436,700	450,400
	Power input	kW	30.33	31.96
	Current input	A	51.2-48.6-46.8	53.9-51.2-49.4
	EER	kW/kW	4.22	4.13
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		1~50	1~50
Sound pressure level (measured in anechoic room)		dB <A>	64.5	64.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-EP350YKE (-BS)	PUCY-EP400YKE (-BS)	PUCY-EP400YKE (-BS)	PUCY-EP400YKE (-BS)	PUCY-EP400YKE (-BS)	PUCY-EP400YKE (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m^3/min	320	320	320	320	320	320
		L/s	5,333	5,333	5,333	5,333	5,333	5,333
		cfm	11,299	11,299	11,299	11,299	11,299	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2
	*2 External static press.		0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	5.6	6.9	6.9	6.9	6.9	6.9
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
		in.	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	262 (578)	260 (574)	260 (574)	260 (574)	260 (574)	260 (574)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH₂O, 6.1 mmH₂O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YSKE (-BS)

Specifications

Model			PUCY-EP1250YSKE (-BS)	PUCY-EP1300YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	136.0	140.0
		BTU/h	464,000	477,700
	Power input	kW	32.92	34.73
	Current input	A	55.5-52.7-50.8	58.6-55.6-53.6
	EER	kW/kW	4.13	4.03
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		2~50	2~50
Sound pressure level (measured in anechoic room)		dB <A>	64.5	65.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-EP400YKE (-BS)	PUCY-EP400YKE (-BS)	PUCY-EP450YKE (-BS)	PUCY-EP400YKE (-BS)	PUCY-EP450YKE (-BS)	PUCY-EP450YKE (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m^3/min	320	320	320	320	320	320
		L/s	5,333	5,333	5,333	5,333	5,333	5,333
		cfm	11,299	11,299	11,299	11,299	11,299	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2
	*2 External static press.		0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	6.9	6.9	8.0	6.9	8.0	8.0
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
		in.	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	260 (574)	260 (574)	260 (574)	260 (574)	260 (574)	260 (574)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH₂O, 6.1 mmH₂O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YSKE (-BS)

Specifications

Model			PUCY-EP1350YSKE (-BS)	PUCY-EP1400YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	144.0	152.0
		BTU/h	491,300	518,600
	Power input	kW	36.09	39.07
	Current input	A	60.9-57.8-55.7	65.9-62.6-60.3
	EER	kW/kW	3.99	3.89
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		2~50	2~50
Sound pressure level (measured in anechoic room)		dB <A>	65.5	67.0
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-EP450YKE (-BS)	PUCY-EP450YKE (-BS)	PUCY-EP450YKE (-BS)	PUCY-EP450YKE (-BS)	PUCY-EP450YKE (-BS)	PUCY-EP500YKE (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m^3/min	320	320	320	320	320	320
		L/s	5,333	5,333	5,333	5,333	5,333	5,333
		cfm	11,299	11,299	11,299	11,299	11,299	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2
	*2 External static press.		0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	8.0	8.0	8.0	8.0	8.0	10.6
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
		in.	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	260 (574)	260 (574)	260 (574)	260 (574)	260 (574)	260 (574)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme								

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH₂O, 6.1 mmH₂O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

OUTDOOR UNIT

YKE-series

- Cooling-only High Efficiency type

PUCY-EP YSKE (-BS)

Specifications

Model			PUCY-EP1450YSKE (-BS)	PUCY-EP1500YSKE (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	160.0	168.0
		BTU/h	545,900	573,200
	Power input	kW	42.10	45.40
	Current input	A	71.0-67.5-65.0	76.6-72.8-70.1
	EER	kW/kW	3.80	3.70
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Quantity		2~50	2~50
Sound pressure level (measured in anechoic room)		dB <A>	68.5	69.5
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-EP450YKE (-BS)	PUCY-EP500YKE (-BS)	PUCY-EP500YKE (-BS)	PUCY-EP500YKE (-BS)	PUCY-EP500YKE (-BS)	PUCY-EP500YKE (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m^3/min	320	320	320	320	320	320
		L/s	5,333	5,333	5,333	5,333	5,333	5,333
		cfm	11,299	11,299	11,299	11,299	11,299	11,299
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2
	*2 External static press.		0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)
Compressor	Type		Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	8.0	10.6	10.6	10.6	10.6	10.6
	Case heater	kW	–	–	–	–	–	–
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
		in.	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)	R410A x 6.0 kg (14 lbs)
Net weight		kg (lbs)	260 (574)	260 (574)	260 (574)	260 (574)	260 (574)	260 (574)
Heat exchanger			Salt-resistant corrugated fin & aluminium alloy tube			Salt-resistant corrugated fin & aluminium alloy tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Engery Labelling Scheme								

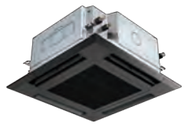
Notes:

*1 Nominal cooling conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °C D.B./19 °C W.B. (81 °F D.B./66 °F W.B.)	35 °C D.B. (95 °F D.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

*2 External static pressure option is available (30 Pa, 60 Pa/3.1 mmH₂O, 6.1 mmH₂O). Consult your dealer about the specification when setting External static pressure option.
*3 The sound level may increase at high outside air temperature.
*Due to continuing improvement, above specifications may be subject to change without notice.

PLFY-P VHM-PA NEW
PLFY-EP VEM-E



Office Hospital School Restaurant

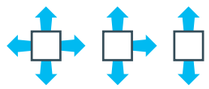
Optimum Airflow

2-, 3-, 4-way Airflow Pattern Selection

Three outlet options to choose from-bidirectional, 3-way, and 4-way to suit different types of installation. Select, for example, 4-directional for installation in the center of the room and 3-directional for installation in the corner.

2-, 3-, 4-way airflow pattern selection

* Optional shuffle placement is required for 2- and 3-way patterns.

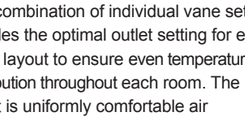


Individual Vane Angle Settings

Vane directions can be changed or fixed from the remote controller to direct the supply air at or away from the objects or the occupants in the room.

Airflow direction at each vane can be set using the wired remote controller or the wireless remote controller (PAR-SL101A-E).

Multi-directional air-conditioning



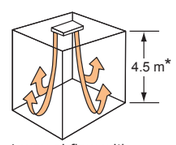
2-, 3-, 4-way Airflow Pattern Selection

Individual Vane Angle Settings

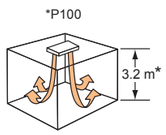
The combination of individual vane setting enables the optimal outlet setting for each room layout to ensure even temperature distribution throughout each room. The result is uniformly comfortable air conditioning.

Equipped with High- and Low-ceiling Modes

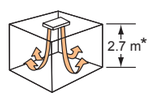
Units are equipped with high- and low-ceiling operation modes that make it possible to switch the airflow volume to match a room's height. The ability to choose the optimum airflow volume makes it possible to optimize the breezy sensation felt throughout the room.



4-way airflow with high-ceiling setting



4-way airflow with standard setting



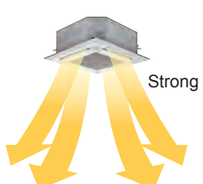
4-way airflow with low-ceiling setting

Airflow Range

Model / Airflow pattern	P32–P80			P100/P125/P140		
	High-ceiling setting	Standard setting	**Low-ceiling setting**	**High-ceiling setting**	Standard setting	**Low-ceiling setting**
4-way	**3.5 m**	2.7 m	**2.5 m**	**4.5 m**	3.2 m	**2.7 m**
3-way	**3.5 m**	3.0 m	**2.7 m**	**4.5 m**	3.6 m	**3.0 m**
2-way	**3.5 m**	3.3 m	**3.0 m**	**4.5 m**	4.0 m	**3.3 m**

Automatic Air-speed Adjustment

An automatic air-speed mode that adjusts airflow speed automatically is adopted to maintain comfortable room conditions at all times. This setting automatically adjusts the air-speed to conditions that match the room environment.



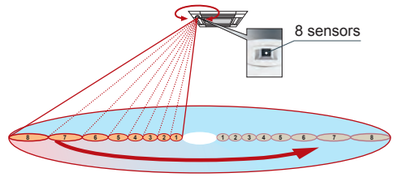
At the start of the heating / cooling operation, the airflow is set to high-speed to quickly heat / cool the room.

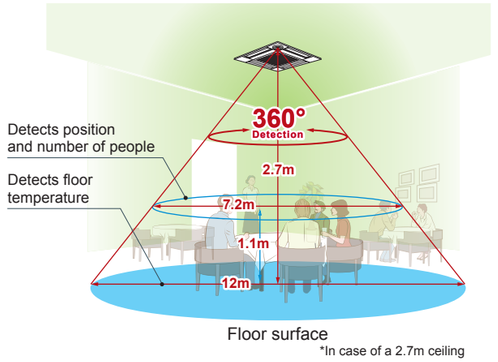
When the room temperature reaches the desired setting, the airflow speed is decreased automatically for stable and comfortable heating/cooling operation.

3D i-see Sensor

• Highly accurate people detection

A total of eight sensors rotate a full 360° in 3-minute intervals. In addition to detecting human body temperature, our original algorithm also detects people's positions and the number of people.



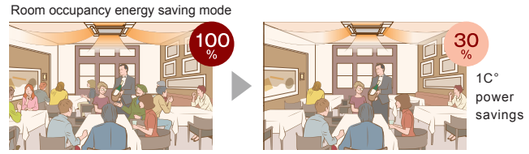


*In case of a 2.7m ceiling

• Detects number of people

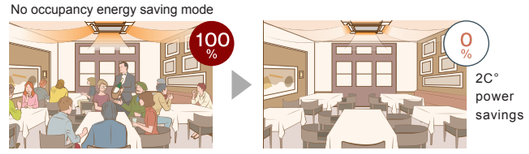
Room occupancy energy-saving mode

The 3D i-see Sensor detects the number of people in the room. It then calculates the occupancy rate based on the maximum number of people in the room up to that point in time in order to save air-conditioning power. Air-conditioning power equivalent to 1°C is saved during both cooling and heating operation at an occupancy rate of approximately 30%. The temperature is controlled according to the number of people.



No occupancy energy-saving mode

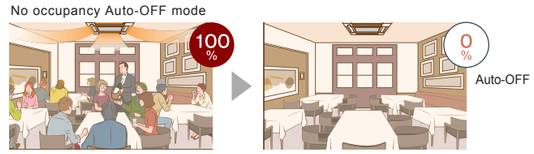
When 3D i-see Sensor detects that no one is in the room, the system is switched to a preset power-saving mode. If the room remains unoccupied for more than 60min, air-conditioning power equivalent to 2°C is saved during both cooling and heating operation. This contributes to preventing waste in terms of heating and cooling.



No occupancy Auto-OFF mode

When the room remains unoccupied for a preset period of time, the air conditioner turns off automatically, thereby providing even greater power savings. The time until operation is stopped can be set in intervals of 10min, ranging from 60 to 180 min.

*No occupancy Auto-OFF mode is not available when multiple indoor units are operated by one MA remote controller.

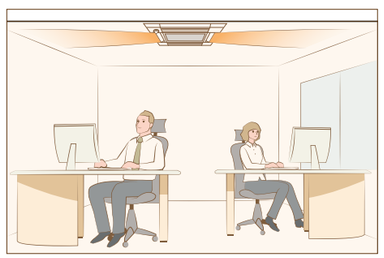


*PAR-41MAAM is required for each setting.

• Detects people's position

Direct/Indirect settings*

Some people do not like the feeling of wind, while others want to be warm from head to toe. People's likes and dislikes vary. With the 3D i-see Sensor, it is possible to choose to block or not block to the wind for each vane.

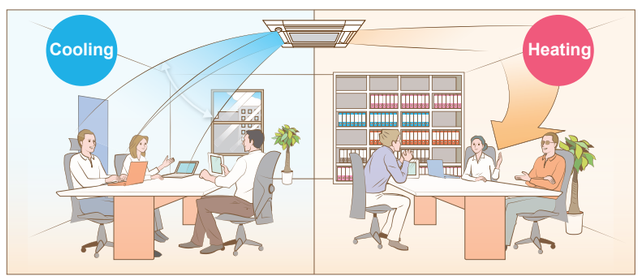


*PAR-41MAAM or PAR-SL101A-E is required for each setting.

Seasonal airflow*

<When cooling>
Saves energy while keeping a comfortable effective temperature by automatically switching between ventilation and cooling. When a pre-set temperature is reached, the air conditioning unit switches to swing fan operation to maintain the effective temperature. This clever function contributes to keeping a comfortable coolness.

<When heating>
The air conditioning unit automatically switches between circulator and heating. Wasted heat that accumulates near the ceiling is reused via circulation. When a pre-set temperature is reached the air conditioner switches from heating to circulator and blows air in the horizontal direction. It pushes down the warm air that has gathered near the ceiling to people's height, thereby providing smart heating.



*PAR-41MAAM is required for each setting.

Easy Installation

Temporary hanging hook

The structure of the panel has been redesigned and is now equipped with a temporary hanging hook.
This has improved work efficiency during panel installation.


No need to remove screws

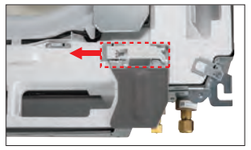
Installation is possible without removing the screws for the corner panel and the control box, simply loosen them. This lowers the risk of losing screws.

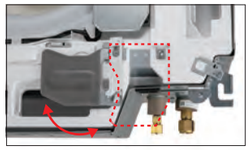
• Corner panel

• Control box cover

Screwless wiring NEW

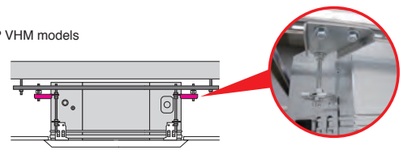
For easier installation, electrical wiring service panel can be removed without any screws, just simply slide the panel and rotates.
This lowers the risk of losing screws.
*Only for PLFY-P VHM models


Slide this new part.


Rotate the part to let cables through.

Side Bracket (Optional Parts) NEW

Side bracket allow installers to lower the position of channel steels. It is good option for installation site with narrow ceiling space.
*Only for PLFY-P VHM models



Easy Maintenance

Checking window for drain pan NEW

For easier maintenance, small window will be equipped with unit. It make it easier to check if drain pan needs to be cleaned or not.
*Only for PLFY-P VHM models

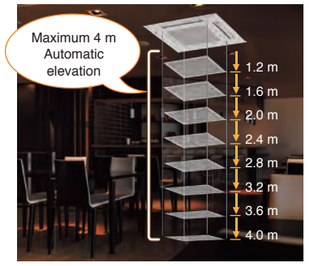
• Location of Checking window for drain pan

• How to check the status

No need to clean	Recommend to clean
	
Reflector is visible when shining the light on the checking window.	Reflector is invisible when shining the light on the checking window.

Automatic elevation panel (Optional parts)

With automatic elevation panel, cleaning the filter is easy, even with high ceilings.



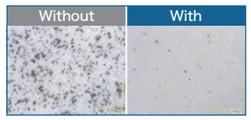
Cleanliness

Silver Antibacterial Agent NEW

This Silver Antibacterial Agent is available as a standard. If drain water seeps into the case, the agent dissolves into the water from the case and prevents growth of bacteria or mold.
*Only for PLFY-P VHM models

Dual Barrier Material NEW

Improve cleanliness of the intake grille and air outlet vane by adopting Dual Barrier Material.
*Not available for black panel.
*Only for PLFY-P VHM models

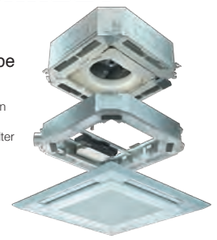


Connectable to

Plasma Quad Connect*

The optional Plasma Quad Connect (PAC-SL36FT-E / PAC-SK51FT-E) can be installed on the indoor units.

* Plasma Quad Connect cannot be used with Auto elevation panel (PLP-6HAJ / PLP-6EAJ), Multi functional casement (PAC-SK76TM-E / PAC-SJ41TM-E), and High-efficiency filter element (PAC-SK71KF-E / PAC-SH59KF-E).



Specifications

Model				PLFY-P32VHM-PA	PLFY-P40VHM-PA	PLFY-P50VHM-PA	PLFY-P63VHM-PA	PLFY-P80VHM-PA
Power source				1-phase 220-240V 50Hz/1-phase 220-230V 60Hz				
Cooling capacity		*1	kW	3.6	4.5	5.6	7.1	9.0
		*1	BTU/h	12,300	15,400	19,100	24,200	30,700
		Power input	kW	0.03	0.03	0.03	0.05	0.06
		Current input	A	0.32	0.32	0.34	0.45	0.60
Heating capacity		*2	kW	4.0	5.0	6.3	8.0	10.0
		*2	BTU/h	13,600	17,100	21,500	27,300	34,100
		Power input	kW	0.03	0.03	0.03	0.05	0.06
		Current input	A	0.25	0.25	0.27	0.38	0.53
External finish (Munsell No.)		Unit		Galvanized steel sheet				
		Panel		MUNSELL (1.0Y 9.2/0.2)				
External dimension H x W x D		Unit	mm	258 x 840 x 840				
		Panel	mm	35 x 950 x 950				
Net weight		Unit	kg	19			21	
		Panel	kg	5				
Heat exchanger				Micro slit fin (Aluminumfin and copper tube)				
Fan	Type x Quantity			Turbo fan x 1				
	Airflow rate (Low-Mid2-Mid1-High)		m^3/min	14 - 15 - 16 - 17	14 - 15 - 16 - 18	14 - 15 - 17 - 19	14 - 16 - 19 - 22	14 - 17 - 21 - 25
			L/s	233 - 250 - 267 - 283	233 - 250 - 267 - 300	233 - 250 - 283 - 317	233 - 267 - 317 - 367	233 - 283 - 350 - 417
			cfm	494 - 530 - 565 - 600	494 - 530 - 565 - 636	494 - 530 - 600 - 671	494 - 565 - 671 - 777	494 - 600 - 742 - 883
	External static pressure		Pa	0				
Motor	Type			DC motor				
	Output		kW	0.050				
Air filter				PP honeycomb				
Sound pressure level (Low-Mid2-Mid1-High)			dB (A)	24 - 26 - 28 - 29	24 - 26 - 28 - 30	24 - 27 - 29 - 31	26 - 29 - 32 - 35	26 - 30 - 34 - 38
Refrigerant control device				LEV				
Diameter of refrigerant pipe		Liquid	mm (in.)	ø6.35 (ø1/4) Flare			ø9.52 (ø3/8) Flare	
		Gas	mm (in.)	ø12.7 (ø1/2) Flare			ø15.88 (ø5/8) Flare	
Field drain pipe size			mm (in.)	O.D 32 (1-1/4)				

Model				PLFY-P100VHM-PA	PLFY-P125VHM-PA	PLFY-P140VHM-PA	PLFY-EP32VEM-E	PLFY-EP50VEM-E	PLFY-EP63VEM-E
Power source				1-phase 220-240V 50Hz/1-phase 220-230V 60Hz			1-phase 220-240V 50Hz, 1-phase 220V 60Hz		
Cooling capacity		*1	kW	11.2	14.0	16.0	3.6	5.6	7.1
		*1	BTU/h	38,200	47,800	54,600	12,300	19,100	24,200
		Power input	kW	0.10	0.12	0.13	0.11	0.11	0.11
		Current input	A	1.00	1.11	1.25	0.98	0.98	0.98
Heating capacity		*2	kW	12.5	16.0	18.0	4.0	6.3	8.0
		*2	BTU/h	42,700	54,600	61,400	13,600	21,500	27,300
		Power input	kW	0.10	0.12	0.13	0.11	0.11	0.11
		Current input	A	0.93	1.04	1.18	0.93	0.93	0.93
External finish (Munsell No.)		Unit		Galvanized steel sheet					
		Panel		MUNSELL (1.0Y 9.2/0.2)					
External dimension H x W x D		Unit	mm	298 x 840 x 840					
		Panel	mm	35 x 950 x 950			40 x 950 x 950		
Net weight		Unit	kg	24		26	27		
		Panel	kg	5					
Heat exchanger				Micro slit fin (Aluminumfin and copper tube)			Micro slit fin (Aluminum fin and copper tube)		
Fan	Type x Quantity			Turbo fan x 1					
	Airflow rate (Low-Mid2-Mid1-High)		m^3/min	19 - 23 - 28 - 34	21 - 25 - 30 - 35	22 - 26 - 31 - 36	22 - 26 - 30 - 34	22 - 26 - 30 - 34	22 - 26 - 30 - 34
			L/s	317 - 383 - 467 - 567	350 - 417 - 500 - 583	367 - 433 - 517 - 600	367 - 433 - 500 - 567	367 - 433 - 500 - 567	367 - 433 - 500 - 567
			cfm	671 - 812 - 989 - 1201	742 - 883 - 1059 - 1236	777 - 918 - 1095 - 1271	777 - 918 - 1059 - 1201	777 - 918 - 1059 - 1201	777 - 918 - 1059 - 1201
	External static pressure		Pa	0					
Motor	Type			DC motor					
	Output		kW	0.120					
Air filter				PP honeycomb					
Sound pressure level (Low-Mid2-Mid1-High)			dB (A)	32 - 36 - 40 - 44	33 - 37 - 41 - 44	35 - 39 - 43 - 46	34 - 38 - 42 - 45	34 - 38 - 42 - 45	34 - 38 - 42 - 45
Refrigerant control device				LEV					
Diameter of refrigerant pipe		Liquid	mm (in.)	ø9.52 (ø3/8) Flare			ø6.35 (ø1/4) Flare		ø9.52 (ø3/8) Flare
		Gas	mm (in.)	ø15.88 (ø5/8) Flare			ø12.7 (ø1/2) Flare		ø15.88 (ø5/8) Flare
Field drain pipe size			mm (in.)	O.D 32 (1-1/4)			O.D. ø32 (1-1/4) (VP-25)		

Notes:

*1. Nominal cooling conditions
Indoor: 27°CD.B./19°CW.B. (81°FD.B./66°FW.B.), Outdoor: 35°CD.B. (95°FD.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)

*2. Nominal heating conditions
Indoor: 20°CD.B. (68°FD.B.), Outdoor: 7°CD.B./6°CW.B. (45°FD.B./43°FW.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)

* PLFY-EP63VEM-E cannot be connected to PUMY-CP250/300YBM2.

Optional Parts

Description	For PLFY-P VHM	For PLFY-EP VEM
Anti-allergy enzyme filter	PAC-SK70KF-E	PAC-SK44KF-E
Plasma Quad Connect	PAC-SL36FT-E	PAC-SK51FT-E
Multi-functional Casement	PAC-SK76TM-E	PAC-SJ41TM-E
Duct flange for fresh air intake	PAC-SH65OF-E	PAC-SH65OF-E
Side-suspend parts	PAC-SK79LK-E	-
Air outlet shutter plate	PAC-SK67SP-E	PAC-SJ37SP-E
High effciency filter element	PAC-SK71KF-E	PAC-SH59KF-E
Space Panel	PAC-SK64AS-E	PAC-SJ65AS-E
3D Total Flow unit	PLP-U160HLR-E	-

Panel Option

Description	For PLFY-P VHM	For PLFY-EP VEM
Standard Panel	PLP-6HA	PLP-6EA
Panel with SL101 R/C	PLP-6HALM	PLP-6EALM2
Automatic filter elevation and signal receiver	PLP-6HAJ	PLP-6EAJ
Black panel (standard)	PLP-6HAB	-
Black panel (with signal receiver)	PLP-6HALMB	-
3D i-see Sensor Corner Panel	PAC-SL35ME-E	PAC-SE1ME-E
Signal receiver Corner Panel	PAR-SR5LA-E	PAR-SE9FA-E

PLFY-P VMMD-E NEW

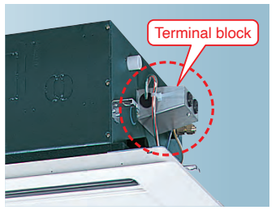
Slimline body

The height of the main unit is merely 290mm (11-7/16 in.) for the P20-P100 models.

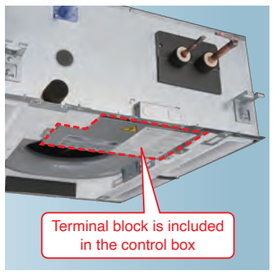
Built-in control box

The terminal block, which was previously mounted on the outside of the unit, is now built into the control box. This structural change has improved connectivity and wiring workability.

Conventional unit



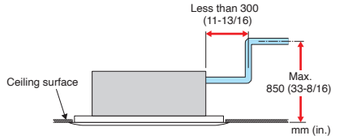
New unit



The control box is accessible from the bottom of the unit.

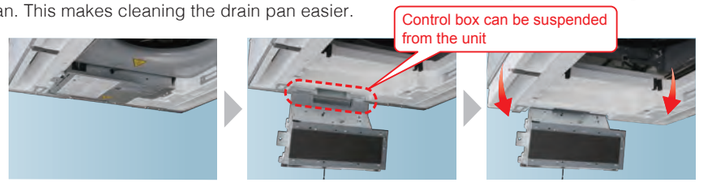
Extended lift of drain pump

The maximum lift of the drain pump has been extended to 850mm (33-8/16 in.) from the ceiling surface, allowing for greater flexibility in piping layout.



Easy detachment of drain pan

New attachments for control box reduce the workload of attaching and detaching the drain pan. This makes cleaning the drain pan easier.



Reduced power consumption and weight

New structures and components improve energy efficiency and installability. The drain pan has been modified to provide smoother airflow, and the fan motor has been changed from AC to DC. These improvements have reduced power consumption of the new model by up to 78% compared to the conventional models (P20). Additionally, the net weight of the new models is lighter than the conventional models, making installation easier.

Versatile airflow settings and vane control deliver comfort throughout the room

Four levels of airflow setting available

The conventional models (P20-P100) had three levels of airflow setting, but the new models offer four levels to accommodate various installation conditions.

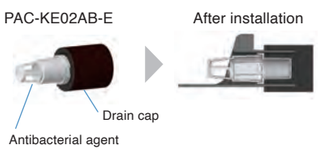
Airflow rate setting

	P20-P100	P125
Conventional models (VLMD)	Low-Mid-High	Low-Mid2-Mid1-High
New models (VMMD)	**Low-Mid2-Mid1-High**	Low-Mid2-Mid1-High

Silver-Ionized Antibacterial Agent for Drain Pan

PAC-KE02AB-E (Optional parts)

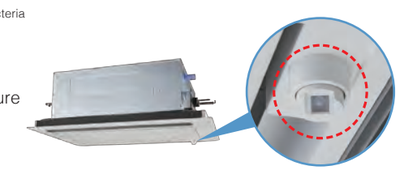
The optional Antibacterial Agent can be installed on drain pan to suppress bacterial growth*, reducing the occurrence of slime. It can reduce the maintenance frequency of drain pan.



* According to tests performed by the Boken Quality Evaluation Institute.
Testing procedure: Antibacterial test of drain water based on the SIAA shake method.
Test number: 11233843-1 Test result: Effective against bacteria (Antibacterial Activity Value 4.3)

New "3D i-see Sensor" panel

The "3D i-see Sensor" built into the optional corner panel reduces uneven temperature distribution and electricity consumption.



Specifications

Model				PLFY-P20VMMD-E	PLFY-P25VMMD-E	PLFY-P32VMMD-E	PLFY-P40VMMD-E
Power source				1-phase 220-230-240V 50/60Hz			
Cooling capacity (Nominal)		*1	kW	2.2	2.8	3.6	4.5
		*1	BTU/h	7,500	9,600	12,300	15,400
	Power input		kW	0.016	0.023	0.024	0.031
	Current input		A	0.21 - 0.20 - 0.18	0.29 - 0.27 - 0.24	0.30 - 0.28 - 0.27	0.37 - 0.35 - 0.34
Heating capacity (Nominal)		*2	kW	2.5	3.2	4.0	5.0
		*2	BTU/h	8,500	10,900	13,600	17,100
	Power input		kW	0.013	0.020	0.021	0.029
	Current input		A	0.17 - 0.16 - 0.15	0.25 - 0.23 - 0.20	0.26 - 0.24 - 0.23	0.33 - 0.31 - 0.30
External finish				Galvanized steel plate			
External dimension H x W x D			mm	290 x 770 x 650			
			in.	11-7/16 x 30-3/8 x 25-5/8			
Net weight			kg (lbs.)	20 (45)		21 (47)	
Decoration panel	Model			CMP-40LWH-E			
	External finish			MUNSELL (1.0Y 9.2/0.2)			
	Dimension H x W x D		mm	20 x 1,080 x 710			
			in.	13/16 x 42-9/16 x 28			
	Net weight		kg (lbs)	7 (16)			
Heat exchanger				Cross fin (Aluminum fin and copper tube)			
FAN	Type x Quantity			Turbo fan x 1			
	External static pressure		Pa	0			
			mmH_2O	0.0			
	Motor Type			DC motor			
	Motor output		kW	0.050			
	Airflow rate			(Low-Mid2-Mid1-High)			
			m^3/min	4.8 - 6.5 - 7.8 - 8.6	4.8 - 6.7 - 8.6 - 10.0	4.9 - 7.4 - 8.3 - 10.0	7.4 - 8.9 - 10.0 - 11.0
			L/s	80 - 108 - 130 - 143	80 - 112 - 143 - 167	82 - 123 - 138 - 167	123 - 148 - 167 - 183
			cfm	169 - 230 - 275 - 304	169 - 237 - 304 - 353	173 - 261 - 293 - 353	261 - 314 - 353 - 388
Sound pressure level (measured in anechoic room)			dB (A)	(Low-Mid2-Mid1-High) 21.5 - 25.0 - 28.0 - 30.0	21.5 - 25.5 - 30.0 - 35.0	23.5 - 28.5 - 31.5 - 36.0	28.5 - 33.0 - 36.0 - 39.5
Air filter				PP honeycomb fabric (long life filter).			
Connectable outdoor unit			*3	R410A CITY MULTI			
Refrigerant piping diameter	Liquid (R410A)		mm (in.)	6.35 (1/4) Brazed			
	Gas (R410A)		mm (in.)	12.7 (1/2) Brazed			
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)			

Model				PLFY-P50VMMD-E	PLFY-P63VMMD-E	PLFY-P80VMMD-E	PLFY-P100VMMD-E	PLFY-P125VMMD-E
Power source				1-phase 220-230-240V 50/60Hz				
Cooling capacity (Nominal)		*1	kW	5.6	7.1	9.0	11.2	14.0
		*1	BTU/h	19,100	24,200	30,700	38,200	47,800
	Power input		kW	0.032	0.056	0.064	0.096	0.196
	Current input		A	0.32 - 0.31 - 0.29	0.49 - 0.48 - 0.47	0.52 - 0.50 - 0.49	0.73 - 0.70 - 0.69	1.37 - 1.33 - 1.28
Heating capacity (Nominal)		*2	kW	6.3	8.0	10.0	12.5	16.0
		*2	BTU/h	21,500	27,300	34,100	42,700	54,600
	Power input		kW	0.029	0.053	0.061	0.093	0.195
	Current input		A	0.28 - 0.27 - 0.26	0.45 - 0.44 - 0.43	0.48 - 0.46 - 0.45	0.69 - 0.67 - 0.65	1.33 - 1.28 - 1.24
External finish				Galvanized steel plate				
External dimension H x W x D			mm	290 x 940 x 650		290 x 1,440 x 650		331 x 1,440 x 650
			in.	11-7/16 x 37-1/16 x 25-5/8		11-7/16 x 56-3/4 x 25-5/8		13-1/16 x 56-3/4 x 25-5/8
Net weight			kg (lbs.)	24 (53)	26 (58)	39 (86)	42 (93)	47 (104)
Decoration panel	Model			CMP-63LWH-E		CMP-125LWH-E		
	External finish			MUNSELL (1.0Y 9.2/0.2)		MUNSELL (1.0Y 9.2/0.2)		
	Dimension H x W x D		mm	20 x 1,250 x 710		20 x 1,750 x 710		
			in.	13/16 x 49-1/4 x 28		13/16 x 68-15/16 x 28		
	Net weight		kg (lbs)	8 (18)		11.5 (27)		
Heat exchanger				Cross fin (Aluminum fin and copper tube)				
FAN	Type x Quantity			Turbo fan x 1		Turbo fan x 2		
	External static pressure		Pa	0				
			mmH_2O	0.0				
	Motor Type			DC motor				
	Motor output		kW	0.050		0.050 x 2		0.120 x 2
	Airflow rate			(Low-Mid2-Mid1-High)				
			m^3/min	9.0 - 10.0 - 11.5 - 13.0	9.0 - 11.0 - 13.0 - 15.5	14.7 - 17.5 - 20.4 - 22.2	16.0 - 19.0 - 21.0 - 24.5	22.8 - 25.3 - 28.2 - 31.5
			L/s	150 - 167 - 192 - 217	150 - 183 - 217 - 258	245 - 292 - 340 - 370	267 - 317 - 350 - 408	380 - 422 - 470 - 525
			cfm	318 - 353 - 406 - 459	318 - 388 - 459 - 547	519 - 618 - 720 - 784	565 - 671 - 742 - 865	805 - 893 - 996 - 1,112
Sound pressure level (measured in anechoic room)			dB (A)	(Low-Mid2-Mid1-High) 31.0 - 33.5 - 37.0 - 39.5	31.0 - 35.5 - 40.0 - 44.5	32.0 - 36.5 - 40.5 - 43.0	36.0 - 39.5 - 43.0 - 46.5	45.5 - 48.5 - 51.5 - 55.0
Air filter				PP honeycomb fabric (long life filter).				
Connectable outdoor unit			*3	R410A CITY MULTI				
Refrigerant piping diameter	Liquid (R410A)		mm (in.)	6.35 (1/4) Brazed	9.52 (3/8) Brazed			
	Gas (R410A)		mm (in.)	12.7 (1/2) Brazed	15.88 (5/8) Brazed			
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)				

Notes:

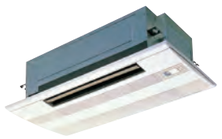
*1. Nominal cooling conditions
Indoor: 27°CD.B./19°CW.B. (81°FD.B./66°FW.B.), Outdoor: 35°CD.B. (95°FD.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
*2. Nominal heating conditions
Indoor: 20°CD.B. (68°FD.B.), Outdoor: 7°CD.B./6°CW.B. (45°FD.B./43°FW.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
*3. To prevent noise issue, PLFY-P80/100/125VMMD model cannot be connected with PUMY-P/SP/CP series.

Optional Parts

Description	Model	Aplicable capacity
Decoration panel	CMP-40LWH-E	P20, P25, P32, P40
	CMP-63LWH-E	P50, P63
	CMP-125LWH-E	P80, P100, P125
3D i-see Sensor panel	CMP-40LWE-E	P20, P25, P32, P40
	CMP-63LWE-E	P50, P63
	CMP-125LWE-E	P80, P100, P125
OA duct flange	PAC-KG11OF	P20, P25, P32, P40, P50, P63, P80, P100, P125
Silver-Ionized Antibacterial Agent for Drain Pan	PAC-KE02AB-E	P20, P25, P32, P40, P50, P63, P80, P100, P125

1-way airflow type

PMFY-P VBM-E
PMFY-P VFM-PA



PMFY-P VBM-E (P20-P40)

PMFY-P VFM-PA (P50-P80)

Specifications

Model				PMFY-P20VBM-E	PMFY-P25VBM-E	PMFY-P32VBM-E	PMFY-P40VBM-E
Power source				1-phase 220-240V 50Hz/1-phase 220V 60Hz			
Cooling capacity		*1	kW	2.2	2.8	3.6	4.5
		*1	BTU/h	7,500	9,600	12,300	15,400
Heating capacity		*1	kW	2.5	3.2	4.0	5.0
		*1	BTU/h	8,500	10,900	13,600	17,100
Power consumption	Cooling		kW	0.042	0.044		0.054
	Heating		kW	0.042	0.044		0.054
Current	Cooling		A	0.20	0.21		0.26
	Heating		A	0.20	0.21		0.26
External finish (Munsell No.)				White (6.4Y 8.9/0.4)			
Dimension H x W x D	Unit		mm (in.)	230 x 812 x 395 (9-1/16 x 32 x 15-9/16)			
	Panel		mm (in.)	30 x 1000 x 470 (1-3/16 x 39-3/8 x 18-9/16)			
Net weight	Unit		kg (lbs.)	14 (31)			
	Panel		kg (lbs.)	3 (7)			
Heat exchanger				Cross fin (Aluminum plate fin and copper tube)			
Fan	Type x Quantity			Line flow fan x 1			
	Airflow rate (Lo-Mid2-Mid1-Hi)	*2	m^3/min	6.5-7.2-8.0-8.7	7.3-8.0-8.6-9.3		7.7-8.7-9.7-10.7
			L/s	108-120-133-145	122-133-143-155		128-145-162-178
			cfm	230-254-283-307	258-283-304-328		272-307-343-378
	External static pressure		Pa	0			
Motor	Type			1-phase induction motor			
	Output		kW	0.028			
Air filter				PP Honeycomb fabric			
Refrigerant pipe diameter	Gas (Flare)		mm (in.)	ø12.7 (ø1/2)			
	Liquid (Flare)		mm (in.)	ø6.35 (ø1/4)			
Field drain pipe diameter			mm (in.)	O.D. 26 (1)			
Sound pressure level (Lo-Mid2-Mid1-Hi)		*2 *3	dB (A)	27-30-33-35	32-34-36-37		33-35-37-39

Model				PMFY-P50VFM-PA	PMFY-P63VFM-PA	PMFY-P71VFM-PA	PMFY-P80VFM-PA
Power source				1-phase 220-240V 50Hz/1-phase 220-230V 60Hz			
Cooling capacity		*1	kW	5.6	7.1	8.0	9.0
		*1	BTU/h	19,100	24,200	27,300	30,700
Heating capacity		*1	kW	6.3	8.0	9.0	10.0
		*1	BTU/h	21,500	27,300	30,700	34,100
Power consumption	Cooling		kW	0.060	0.075	0.090	0.13
	Heating		kW	0.045	0.060	0.075	0.12
Current	Cooling		A	0.47	0.63	0.74	1.01
	Heating		A	0.42	0.55	0.62	0.96
External finish (Munsell No.)				White (6.4Y 8.9/0.4)			
Dimension H x W x D	Unit		mm (in.)	225 x 1112 x 724 (8-7/8 x 43-3/4 x 24-1/2)			
	Panel		mm (in.)	20 x 1340 x 800 (13/16 x 52-3/4 x 31-1/2)			
Net weight	Unit		kg (lbs.)	26 (57)	28 (62)		29 (64)
	Panel		kg (lbs.)	6.5 (14)			
Heat exchanger				Cross fin (Aluminum plate fin and copper tube)			
Fan	Type x Quantity			Sirocco fan x 2	Sirocco fan x 3		
	Airflow rate (Lo-Mid2-Mid1-Hi)	*2	m^3/min	11-12-14-16	14-16-17-19	14-16-18-20	12-16-20-24
			L/s	183-200-233-267	233-267-283-317	233-267-300-333	200-270-330-400
			cfm	388-424-494-565	494-565-600-671	494-565-636-706	420-570-710-850
	External static pressure		Pa	0			
Motor	Type			DC motor			
	Output		kW	0.09	0.095		
Air filter				PP honeycomb fabric			
Refrigerant pipe diameter	Gas (Flare)		mm (in.)	ø12.7 (ø1/2)	ø15.88 (ø5/8)		
	Liquid (Flare)		mm (in.)	ø6.35 (ø1/4)	ø9.52 (ø3/8)		
Field drain pipe diameter			mm (in.)	O.D.32 (1-1/4)			
Sound pressure level (Lo-Mid2-Mid1-Hi)		*2 *3	dB (A)	29-32-35-38	32-35-37-39	32-35-38-41	36-41-46-50

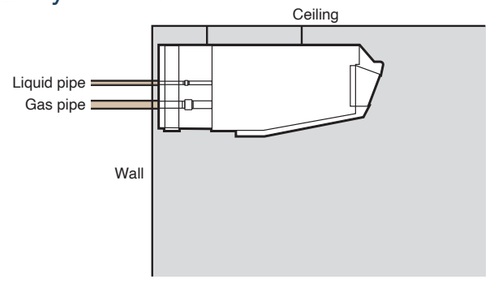
Notes:

*1 Cooling/Heating capacity indicates the maximum value at operation under the following condition.
Cooling : Indoor 27°C(81°F)DB/19°C(66°F)WB, Outdoor 35°C(95°F)DB
Heating : Indoor 20°C(68°F)DB, Outdoor 7°C(45°F)DB/6°C(43°F)WB
*2 Airflow rate/Sound pressure level are in (low-middle2-middle1-high).
*3 It is measured in anechoic room.

Ceiling suspended type

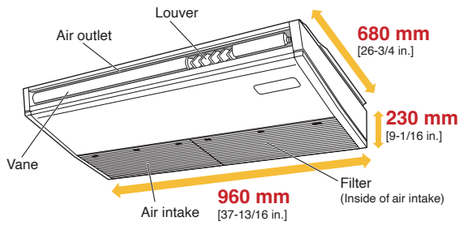
PCFY-P VKM-E

Easy installation



The ceiling suspended cassette can easily be installed without requiring duct work, even if the ceiling does not have sufficient space.

230 mm [9-1/16 in.] high unit is designed in consideration of interior design coordination



Sleek and slim with stylishly curved lines, the PCFY-Series is designed to blend into interior.

Drain pump is available for all models

The optional drain pump allows the drain connection to be raised as high as 600mm [23-5/8 in.], expanding flexibility in choosing the unit's location.

Auto Vane Control

Outlet vanes can be moved up and down using the remote controller. This improved airflow control feature solves the problem of drafts.

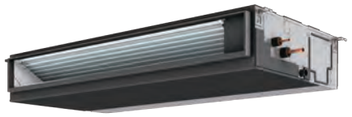
Specifications

Model				PCFY-P40VKM-E	PCFY-P63VKM-E	PCFY-P100VKM-E	PCFY-P125VKM-E
Power source				1-phase 220-240V 50Hz/1-phase 220V 60Hz			
Cooling capacity		*1	kW	4.5	7.1	11.2	14.0
		*1	BTU/h	15,400	24,200	38,200	47,800
Heating capacity		*1	kW	5.0	8.0	12.5	16.0
		*1	BTU/h	17,100	27,300	42,700	54,600
Power consumption	Cooling		kW	0.04	0.05	0.09	0.11
	Heating		kW	0.04	0.05	0.09	0.11
Current	Cooling		A	0.28	0.33	0.65	0.76
	Heating		A	0.28	0.33	0.65	0.76
External finish (Munsell No.)				6.4Y 8.9/ 0.4			
Dimension H x W x D			mm	230 x 960 x 680	230 x 1,280 x 680	230 x 1,600 x 680	
			in.	9-1/16 x 37-13/16 x 26-3/4	9-1/16 x 50-3/8 x 26-3/4	9-1/16 x 63 x 26-3/4	
Net weight			kg (lbs.)	24 (53)	32 (71)	36 (79)	38 (84)
Heat exchanger				Cross fin (Aluminum fin and copper tube)			
Fan	Type x Quantity			Sirocco fan x 2	Sirocco fan x 3	Sirocco fan x 4	
	Airflow rate (Lo-Mid2-Mid1-Hi)	*2	m^3/min	10-11-12-13	14-15-16-18	21-24-26-28	21-24-27-31
			L/s	167-183-200-217	233-250-267-300	350-400-433-467	350-400-450-517
			cfm	353-388-424-459	494-530-565-636	742-847-918-989	742-847-953-1,095
	External static pressure		Pa	0			
Motor	Type			DC motor			
	Output		kW	0.090	0.095	0.160	
Air filter				PP Honeycomb (long life)			
Refrigerant pipe diameter	Gas (Flare)		mm (in.)	ø12.7 (ø1/2)	ø15.88 (ø5/8)		
	Liquid (Flare)		mm (in.)	ø6.35 (ø1/4)	ø9.52 (ø3/8)		
Field drain pipe diameter			mm (in.)	O.D. 26 (1)			
Sound pressure level (Lo-Mid2-Mid1-Hi)		*2 *3	dB (A)	29-32-34-36	31-33-35-37	36-38-41-43	36-39-42-44

Notes:

*1 Cooling/Heating capacity indicates the maximum value at operation under the following condition.
Cooling Indoor : 27°C(80.6°F)DB/19°C(66.2°F)WB, Outdoor 35°C(95°F)DB
Heating Indoor : 20°C(68°F)DB, Outdoor 7°C(44.6°F)DB/6°C(42.8°F)WB
*2 Airflw rate/Sound pressure level are shown in (low-middle 2-middle 1-high).
*3 It is measured in anechoic room.

PEFY-P VMA(L)-E4
PEFY-P VMA3/4-E



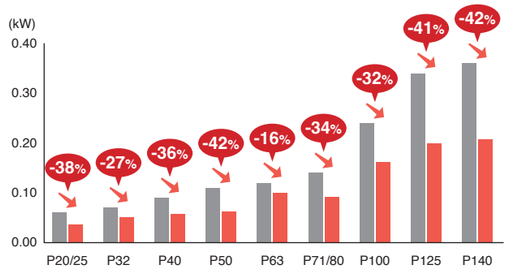
PEFY-P VMA(L)-E4

Office School Residence Hotel

Less power consumption

The shape of fan wing and casing is improved to provide more smooth airflow. Besides, the drain pump motor is changed from AC motor to high-efficient DC motor. Operation efficiency is increased by the air flow and motor, which realizes up to 42% reduction in energy consumption (P50/140).

Comparison of energy consumption in cooling operation



* The values are measured at high fan speed setting and external static pressure of 50 Pa.

External static pressure is settable up to 150 Pa (VMA(L)-E4/VMA4-E)

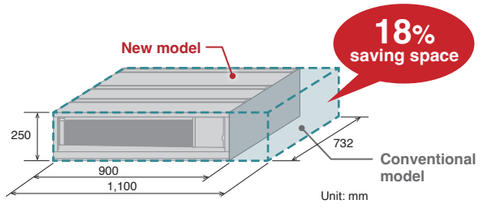
Five-stage external static pressure settings provide flexibility for duct extension, branching, and air outlet configuration and are adjustable to meet different application conditions. Setting ranges to maximum of 150 Pa.

External static pressure settings

Series	20	25	32	40	50	63	71	80	100	125	140
PEFY-P VMA(L)-E4	35/50/70/100/150 Pa						40/50/70/100/150 Pa				

Compact unit requires less installation space (applicable to the PEFY-P63VMA-E4 model only)

The use of new fan with improved air pathway helps to reduce the size of the P63 model unit. The P63 model unit is 200 mm less in width and fits into tighter ceiling space.

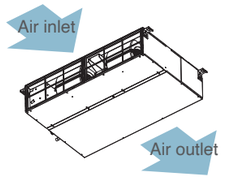


Air inlet direction can be easily changed

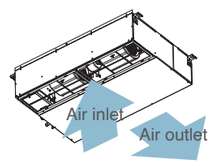
By simply switching the closing board and air filter, the inlet layout can be changed from the rear inlet to the bottom inlet. (At factory shipment: Rear inlet)

Two air inlet options can be chosen, rear or bottom:

1. Rear inlet



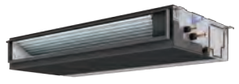
2. Bottom inlet



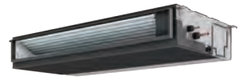
* Unit with a bottom inlet make more noise than those with a rear inlet. It is recommended that the rear inlet be selected when installing the units in rooms that should be quiet, such as bedrooms.

Drain pump is optionally selectable

The lineup consists of two types: models with or without a built-in drain pump, thus allowing more freedom in piping layout design.

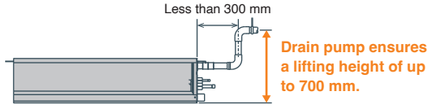


PEFY-P VMA-E4 Built-in drain pump



PEFY-P VMAL-E4 No drain pump

Built-in drain pump	PEFY-P VMA-E4, PEFY-P-VMA3/4-E
No drain pump	PEFY-P VMAL-E4



Specifications

* [ ] is in case of PEFY-P VMAL-E4.

Model			PEFY-P32VMA(L)-E4	PEFY-P40VMA(L)-E4	PEFY-P50VMA(L)-E4	PEFY-P63VMA(L)-E4
Power source			1-phase 220-230-240 V 50/60 Hz			
Cooling capacity (Nominal)	*1	kW	3.6	4.5	5.6	7.1
	*1	BTU/h	12,300	15,400	19,100	24,200
	Power input *2	kW	0.044 [0.042]	0.047 [0.045]	0.066 [0.064]	0.087 [0.085]
	Current input *2 (220-230-240 V)	A	0.36 - 0.34 - 0.33	0.39 - 0.37 - 0.36	0.53 - 0.51 - 0.49	0.69 - 0.66 - 0.63
Heating capacity (Nominal)	*3	kW	4.0	5.0	6.3	8.0
	*3	BTU/h	13,600	17,100	21,500	27,300
	Power input *2	kW	0.042	0.045	0.064	0.085
	Current input *2 (220-230-240 V)	A	0.36 - 0.34 - 0.33	0.39 - 0.37 - 0.36	0.53 - 0.51 - 0.49	0.69 - 0.66 - 0.63
External finish			Galvanized steel plate			
External dimension H x W x D		mm	250 x 700 x 732	250 x 900 x 732	250 x 900 x 732	250 x 900 x 732
		in.	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8
Net weight		kg (lbs)	21.5 (49) [21 (47)]	26 (58) [25.5 (58)]	26 (58) [25.5 (58)]	27 (60) [26.5 (60)]
Heat exchanger			Cross fin (Aluminum fin and copper tube)			
FAN	Type x Quantity		Sirocco fan x 1	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2
	External static press. *4	Pa	35 - <50> - <70> - <100> - <150>	35 - <50> - <70> - <100> - <150>	35 - <50> - <70> - <100> - <150>	35 - <50> - <70> - <100> - <150>
	Motor Type		DC motor			
	Motor output	kW	0.085	0.121	0.121	0.121
	Air flow rate (Lo-Mid-Hi)	m^3/min	7.5 - 9.0 - 10.5	10.0 - 12.0 - 14.0	12.0 - 14.5 - 17.0	13.5 - 16.0 - 19.0
		L/s	125 - 150 - 175	167 - 200 - 233	200 - 242 - 283	225 - 267 - 317
		cfm	265 - 318 - 371	353 - 424 - 494	424 - 512 - 600	477 - 565 - 671
Sound pressure level (measured in anechoic room) (Lo-Mid-Hi)	*2 *5	dB <A>	24.0 - 28.0 - 31.0	24.0 - 29.0 - 32.0	25.0 - 32.0 - 35.0	28.0 - 32.0 - 36.0
Air filter			PP honeycomb fabric.			
Refrigerant piping diameter	Liquid (R410A)	mm (in.)	6.35 (1/4) Brazed	6.35 (1/4) Brazed	6.35 (1/4) Brazed	9.52 (3/8) Brazed
	Gas (R410A)	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)

Model			PEFY-P71VMA(L)-E4	PEFY-P80VMA(L)-E4	PEFY-P100VMA(L)-E4	PEFY-P125VMA(L)-E4	PEFY-P140VMA(L)-E4
Power source			1-phase 220-230-240 V 50/60 Hz				
Cooling capacity (Nominal)	*1	kW	8.0	9.0	11.2	14.0	16.0
	*1	BTU/h	27,300	30,700	38,200	47,800	54,600
	Power input *2	kW	0.080 [0.078]	0.080 [0.078]	0.142 [0.140]	0.199 [0.197]	0.208 [0.206]
	Current input *2 (220-230-240 V)	A	0.60 - 0.57 - 0.55	0.60 - 0.57 - 0.55	1.01 - 0.97 - 0.93	1.29 - 1.23 - 1.18	1.40 - 1.34 - 1.28
Heating capacity (Nominal)	*3	kW	9.0	10.0	12.5	16.0	18.0
	*3	BTU/h	30,700	34,100	42,700	54,600	61,400
	Power input *2	kW	0.078	0.078	0.140	0.197	0.206
	Current input *2 (220-230-240 V)	A	0.60 - 0.57 - 0.55	0.60 - 0.57 - 0.55	1.01 - 0.97 - 0.93	1.29 - 1.23 - 1.18	1.40 - 1.34 - 1.28
External finish			Galvanized steel plate				
External dimension H x W x D		mm	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,400 x 732	250 x 1,400 x 732	250 x 1,600 x 732
		in.	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 63 x 28-7/8
Net weight		kg (lbs)	30 (67) [29.5 (67)]	30 (67) [29.5 (67)]	37.5 (84) [37 (82)]	38.5 (86) [38 (84)]	41.5 (93) [41 (91)]
Heat exchanger			Cross fin (Aluminum fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 3	Sirocco fan x 3	Sirocco fan x 3
	External static press. *4	Pa	40 - <50> - <70> - <100> - <150>	40 - <50> - <70> - <100> - <150>	40 - <50> - <70> - <100> - <150>	<40> - 50 - <70> - <100> - <150>	<40> - 50 - <70> - <100> - <150>
	Motor Type		DC motor				
	Motor output	kW	0.121	0.121	0.300	0.300	0.300
	Air flow rate (Lo-Mid-Hi)	m^3/min	14.5 - 18.0 - 21.0	14.5 - 18.0 - 21.0	23.0 - 28.0 - 32.0	28.0 - 34.0 - 37.0	29.5 - 35.5 - 40.0
		L/s	242 - 300 - 350	242 - 300 - 350	383 - 467 - 533	467 - 567 - 617	492 - 592 - 667
		cfm	512 - 636 - 742	512 - 636 - 742	812 - 989 - 1,130	989 - 1,201 - 1,306	1,042 - 1,254 - 1,412
Sound pressure level (measured in anechoic room) (Lo-Mid-Hi)	*2 *5	dB <A>	26.0 - 32.0 - 35.0	26.0 - 32.0 - 35.0	31.0 - 36.0 - 39.0	35.0 - 39.0 - 41.0	34.0 - 38.0 - 41.0
Air filter			PP honeycomb fabric.				
Refrigerant piping diameter	Liquid (R410A)	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed
	Gas (R410A)	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)

Notes:

*1 Nominal cooling conditions
Indoor: 27°CDB/19°CWB (81°FDB/66°FWB), Outdoor: 35°CDB (95°FDB)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
*2 The values are measured at the factory setting of external static pressure.
*3 Nominal heating conditions
Indoor: 20°CDB (68°FDB), Outdoor: 7°CDB/6°CWB (45°FDB/43°FWB)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
*4 The factory setting of airflow mode and external static pressure mode is shown without < >.
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
*5 Measured in anechoic room with a 1 m air inlet duct and 2 m air outlet duct attached to the unit and 1.5 m below the unit.

PEFY-P VMH(S)-E

PEFY-P VMH-E

PEFY-P VMHS-E (P40-P140)

PEFY-P VMHS-E (P200/P250)

Office Hospital School Restaurant

Sufficient external static pressure ensuring flexible duct design

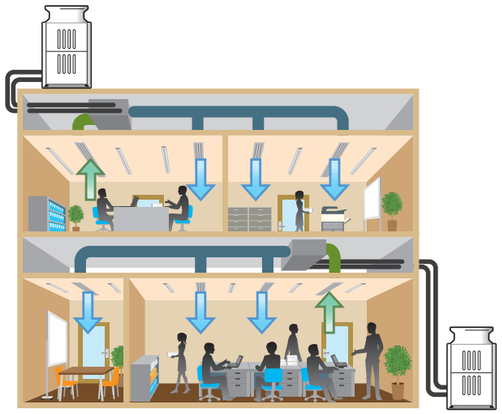
Sufficient external static pressure enables designs with long ducts and greatly expands design possibilities. Ducted air-conditioning that maches an interior design can be realized.

PEFY-P VMHS	P40	P50	P63	P71	P80	P100	P125	P140
External static pressure (Pa)	50 – <100> – <150> – <200>							

PEFY-P VMHS-E	P200	P250
External static pressure (Pa)	<50> – <100> – 150 – <200> – <250>*	

* The rated external static pressure is shown without < >.
The factory setting is the rated value.

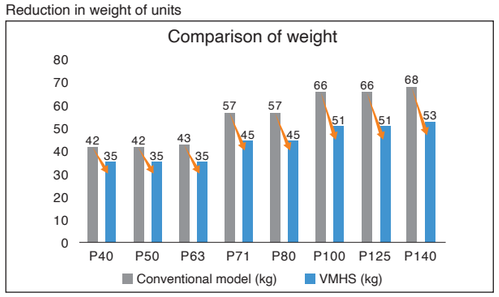
PEFY-P VMH-E		P200	P250
External static pressure (Pa)	380 V	<110> – 220	
	400/415 V	<130> – 260	



Low Power Consumption and Weight by DC motor(VMHS)

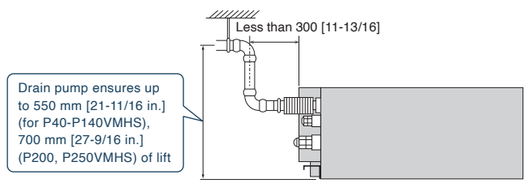
P40 to P140VMHS Models use DC motors. This reduces the power consumption and weight of the units.

Reduction in weight of units



Drain pump (option) ensures up to 550 mm [21-11/16 in.] for P40-P140VMHS, P200/P250VMH model / 700 mm [27-9/16 in.] for P200/P250VMHS models

The introduction of an upper drain pump allows the drain connection to be raised as high as 550 mm [21-11/16 in.] for P40-P140VMHS, P200/P250VMH models/700 mm [27-9/16 in.] for P200, 500VMHS models, allowing more freedom in piping layout design and reducing horizontal piping requirements.



mm (in.)

Optional Parts

Description	Model	Applicable capacity		Remarks
		VMH-E	VMHS-E	
Drain pump	PAC-KE04DM-F	P200, P250	-	
	PAC-KE05DM-F	-	P200, P250	
	PAC-DRP10DP-E2	-	P40-P140	
Long life filter	PAC-KE86LAF	-	P40, P50, P63	
	PAC-KE88LAF	-	P71, P80	
	PAC-KE89LAF	-	P100, P125, P140	
	PAC-KE85LAF	P200, P250	P200, P250	
Filter box	PAC-KE63TB-F	-	P40, P50, P63	Required when long life filter is used
	PAC-KE99TB-F	-	P71, P80	
	PAC-KE140TB-F	-	P100, P125, P140	
	PAC-KE250TB-F	P200, P250	P200, P250	

Specifications

Model			PEFY-P40VMHS-E	PEFY-P50VMHS-E	PEFY-P63VMHS-E	PEFY-P71VMHS-E	PEFY-P80VMHS-E	PEFY-P100VMHS-E	PEFY-P125VMHS-E	PEFY-P140VMHS-E
Power source			1-phase 220-230-240 V 50/60 Hz							
Cooling capacity	*1	kW	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0
	*1	BTU/h	15,400	19,100	24,200	27,300	30,700	38,200	47,800	54,600
*2	Power input	kW	0.055		0.090	0.075	0.090	0.160		0.190
*2	Current input (220-230-240 V)	A	0.41-0.39-0.38		0.64-0.62-0.59	0.54-0.52-0.50	0.63-0.61-0.58	1.05-1.01-0.96		1.24-1.19-1.14
Heating capacity	*3	kW	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0
	*3	BTU/h	17,100	21,500	27,300	30,700	34,100	42,700	54,600	61,400
*2	Power input	kW	0.055		0.090	0.075	0.090	0.160		0.190
*2	Current input (220-230-240 V)	A	0.41-0.39-0.38		0.64-0.62-0.59	0.54-0.52-0.50	0.63-0.61-0.58	1.05-1.01-0.96		1.24-1.19-1.14
External finish			Galvanized steel plate							
External dimension H x W x D		mm	380 x 745 x 900			380 x 1,030 x 900		380 x 1,195 x 900		
		in.	15 x 29-3/8 x 35-7/16			15 x 40-9/16 x 35-7/16		15 x 47-1/16 x 35-7/16		
Net weight		kg (lbs.)	35 (78)			45 (100)		51 (113)		53 (117)
Heat exchanger			Cross fin (Aluminum fin and copper tube)							
Fan	Type x Quantity		Sirocco fan x 1			Sirocco fan x 2				
*4	External static press.	Pa	50-<100>-<150>-<200>							
		mmH_2O	5.1-<10.2>-<15.3>-<20.4>							
	Motor Type		DC motor							
	Motor output	kW	0.121			0.244		0.375		
	Air flow rate		(Low-Mid-High)							
		m^3/min	10.0-12.0-14.0		13.5-16.0-19.0	15.5-18.0-22.0	18.0-21.5-25.0	26.5-32.0-38.0		28.0-34.0-40.0
		L/s	167-200-233		225-267-317	258-300-367	300-358-417	442-533-633		467-567-667
		cfm	353-424-494		477-565-671	547-636-777	636-759-883	936-1,130-1,342		989-1,201-1,412
Sound pressure level (measured in anechoic room)			(Low-Mid-High)							
	*2	dB <A>	20-23-27		24-27-32	24-26-30	25-27-30	27-31-34		27-32-36
Air filter			Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.							
Refrigerant piping diameter	Gas (R410A)	mm (in.)	12.7 (1/2) Brazed		15.88 (5/8) Brazed					
	Liquid (R410A)	mm (in.)	6.35 (1/4) Brazed		9.52 (3/8) Brazed					
Field drain pipe diameter		mm (in.)	O.D.32 (1-1/4)							

Model				PEFY-P200VMHS-E	PEFY-P250VMHS-E
Power source				1-phase 220-240V 50Hz/1-phase 220-240V 60Hz	
Cooling capacity			*5	kW	22.4	28.0
			*5	BTU/h	76,400	95,500
Heating capacity			*5	kW	25.0	31.5
			*5	BTU/h	85,300	107,500
Power consumption		Cooling		kW	0.63 *2	0.82 *2
		Heating		kW	0.63 *2	0.82 *2
Current	Cooling	380-415V		A	–	
		220-230-240V		A	3.47-3.32-3.18 *2	4.72-4.43-4.14 *2
	Heating	380-415V		A	–	
		220-230-240V		A	3.47-3.32-3.18 *2	4.72-4.43-4.14 *2
External finish					Galvanized steel plate	
Dimension H x W x D				mm	470 x 1,250 x 1,120	
				in.	18-9/16 x 49-1/4 x 44-1/8	
Net weight				kg (lbs.)	97 (214)	100 (221)
Heat exchanger					Cross fin (Aluminum plate fin and copper tube)	
Fan	Type x Quantity				Sirocco fan x 2	
	Airflow rate			m^3/min	–	
				L/s	–	
				cfm	–	
		Lo-Mid-Hi		m^3/min	50.0-61.0-72.0	58.0-71.0-84.0
				L/s	833-1017-1200	967-1183-1400
				cfm	1766-2154-2542	2048-2507-2966
	External static pressure	380V		Pa	–	
		400, 415V		Pa	–	
				Pa	<50>-<100>-150-<200>-<250> *9	
				mmH_2O	<5.1>-<10.2>-15.3-<20.4>-<25.5> *9	
Motor	Type				DC motor	
	Output			kW	0.87	
Air filter (option)					Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.	
Refrigerant piping diameter		Gas (Brazing)		mm (in.)	ø19.05 (ø3/4)	ø22.2 (ø7/8)
		Liquid (Brazing)		mm (in.)	ø9.52 (ø3/8)	
Field drain pipe diameter				mm (in.)	O.D. 32 (1-1/4)	
Sound pressure level		380V		dB (A)	–	
		400, 415V		dB (A)	–	
		Lo-Mid-Hi		dB (A)	36-39-43 *10	39-42-46 *10

Notes:

*1 Nominal cooling conditions
Indoor: 27˚CD.B./19˚CW.B. (81˚FD.B./66˚FW.B.), Outdoor: 35˚CD.B. (95˚FD.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
*2 The values are measured at the factory setting of external static pressure.
*3 Nominal heating conditions
Indoor: 20˚CD.B. (68˚FD.B.), Outdoor: 7˚CD.B./6˚CW.B. (45˚FD.B./43˚FW.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
*4 The factory setting of external static pressure is shown without < >.
Refer to “Fan characteristics curves”, according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
*5 Cooling/heating capacity indicates the maximum value at operation under the following condition.
Cooling Indoor : 27°C(81°F)DB/19°C(66°F)WB, Outdoor : 35°C(95°F)DB
Heating Indoor : 20°C(68°F)DB, Outdoor : 7°C(45°F)DB/6°C(43°F)WB
*6 The external static pressure is set to 220Pa (at 380V) /260Pa (at 400, 415V) at factory shipment.
*7 The value are that at 415V.
*8 It is measured in anechoic room.
*9 The rated external static pressure is shown without < >.
The factory setting is the rated value.
*10 It is measured at the rated external static pressure in anechoic room.

PEFY-P VMHS-E-F

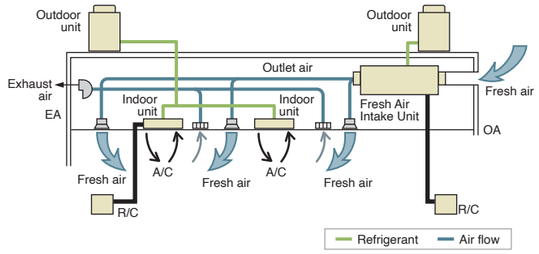
PEFY-P VMHS-E-F (P125)

PEFY-P VMHS-E-F (P200/P250)

Enables Intake of Outside Air

Fresh air can be taken in with temperature control. Fresh air intake is available for each air-conditioning zone.

* Fresh air intake type indoor unit is designed to supply pretreated outside air into the room. Do not use to handle internal thermal load.



Flexible Air-Flow Setting

Four levels of external static pressure levels to choose from compared to the three levels on the existing models

Model	P125	P200	P250
External static pressure (Pa)	<100> – <150> – 200 – <250>		

*The factory setting of external static pressure is shown without chevrons "< >".

Two types of air-flow modes are available, each of which has three air-flow rates to choose from.

Mode	Normal-airflow rate	High-airflow rate
Air-flow rate	Low-Medium-High	Low-Medium-High

*Air-flow rates are accessible from the remote controller.

Controllable Outlet Air Temperature

Pre-treating the intake air before being supplied to the room contributes to the stability of room temperature, ensuring optimized comfort of the occupants.

* Outlet air temperature may fluctuate, depending on the outside air temperature and the operating status of indoor and outdoor units.

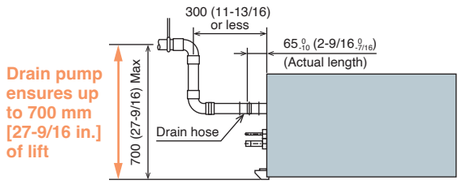
Equipped with DC Fan Motor

Fan motor has been changed to higher efficiency DC motor. Power source has been changed from three-phase power supply to single-phase power supply, which allows for easier installation.

* Comparison with PEFY-P140, 200, 250VMH-E-F

Drain Pump (Optional)

Greater design flexibility made possible by the increased head height (Max. 700 mm)*



* Comparison with PEFY-P140, 200, 250VMH-E-F

Optional Parts

Description	Model	Applicable capacity
Drain pump kit	PAC-DRP10DP-E2	P125
	PAC-KE06DM-F	P200, 250
Long life filter	PAC-KE89LAF	P125
	PAC-KE85LAF	P200, 250
Filter box	PAC-KE140TB-F	P125
	PAC-KE250TB-F	P200, 250

Specifications

Model			PEFY-P125VMHS-E-F	PEFY-P200VMHS-E-F	PEFY-P250VMHS-E-F *6
Power source			1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	14.0	22.4	28.0
	*1	BTU/h	47,800	76,400	95,500
	*2 Power input	kW	0.220	0.260	0.350
	*2 Current input (220 V)	A	1.43	1.66	2.16
Temp. range of cooling			17°CD.B./15.5°CW.B. ~ 43°CD.B./35°CW.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is lower than 17°CD.B.	17°CD.B./15.5°CW.B. ~ 43°CD.B./35°CW.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is lower than 17°CD.B.	17°CD.B./15.5°CW.B. ~ 43°CD.B./35°CW.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is lower than 17°CD.B.
Heating capacity (Nominal)	*3	kW	8.9	13.9	17.4
	*3	BTU/h	30,400	47,400	59,400
	*2 Power input	kW	0.230	0.270	0.360
	*2 Current input (220 V)	A	1.52	1.85	2.38
Temp. range of heating			-10°CD.B. ~ 20°CD.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is higher than 20°CD.B.	-10°CD.B. ~ 20°CD.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is higher than 20°CD.B.	-10°CD.B. ~ 20°CD.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is higher than 20°CD.B.
External finish			Galvanized	Galvanized	Galvanized
External dimension HxWxD		mm	380 x 1,195 x 900	470 x 1,250 x 1,120	470 x 1,250 x 1,120
		in.	15 x 47-1/16 x 35-7/16	18-9/16 x 49-1/4 x 44-1/8	18-9/16 x 49-1/4 x 44-1/8
Net weight		kg (lbs.)	49 (109)	78 (172)	81 (179)
Heat exchanger			Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)
FAN	Type x Quantity		Sirocco fan x 1	Sirocco fan x 2	Sirocco fan x 2
*4, 5	External static press.	Pa	<100> - <150> - 200 - <250>	<100> - <150> - 200 - <250>	<100> - <150> - 200 - <250>
		mmH2O	<10.2> - <15.3> - 20.4 - <25.5>	<10.2> - <15.3> - 20.4 - <25.5>	<10.2> - <15.3> - 20.4 - <25.5>
	Motor Type		DC motor	DC motor	DC motor
	Motor output	kW	0.244	0.375	0.375
	Driving mechanism		Direct-driven by motor	Direct-driven by motor	Direct-driven by motor
*4, 5	Air flow rate (Low-Mid-High)		Normal-airflow rate mode / <High-airflow rate mode>	Normal-airflow rate mode / <High-airflow rate mode>	Normal-airflow rate mode / <High-airflow rate mode>
		m3/min	14.0 - 15.5 - 18.0 / 15.5 - 18.0 - 20.0	22.5 - 25.0 - 28.0 / 25.0 - 28.0 - 32.0	28.0 - 31.0 - 35.0 / 31.0 - 35.0 - 40.0
		L/s	233 - 258 - 300 / 258 - 300 - 333	375 - 417 - 467 / 417 - 467 - 533	467 - 517 - 583 / 517 - 583 - 667
		cfm	494 - 547 - 636 / 547 - 636 - 706	794 - 883 - 989 / 883 - 989 - 1,130	989 - 1,095 - 1,236 / 1,095 - 1,236 - 1,412
Sound pressure level (measured in anechoic room) (Low-Mid-High)			Normal-airflow rate mode / <High-airflow rate mode>	Normal-airflow rate mode / <High-airflow rate mode>	Normal-airflow rate mode / <High-airflow rate mode>
	*2	dB <A>	34-37-41 / 36-40-42	35-38-41 / 36-39-42	38-40-44 / 38-41-45
Air filter			Option: Synthetic fiber unwoven cloth filter (long life filter).	Option: Synthetic fiber unwoven cloth filter (long life filter).	Option: Synthetic fiber unwoven cloth filter (long life filter).
Refrigerant piping diameter	Liquid (R410A)	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed
	Gas (R410A)	mm (in.)	15.88 (5/8) Brazed	19.05 (3/4) Brazed	22.22 (7/8) Brazed
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)
Optional parts	Drain pump kit		PAC-DRP10DP-E2	PAC-KE06DM-F	PAC-KE06DM-F
	Long life filter		PAC-KE89LAF	PAC-KE85LAF	PAC-KE85LAF
	Filter box		PAC-KE140TB-F	PAC-KE250TB-F	PAC-KE250TB-F

Notes:

*1 Cooling capacity indicates the maximum value at operation under the following condition. Cooling: Indoor 33°CDB/28°CWB, Outdoor 33°CDB. The set temperature of the remote controller is 18°C.
*2 The value are measured at the factory setting of airflow mode and external static pressure.
*3 Heating capacity indicates the maximum value at operation under the following condition. Heating: Indoor 0°CDB/-2.9°CWB, Outdoor 0°CDB/-2.9°CWB. The set temperature of the remote controller is 25°C.
*4 The factory setting of airflow mode and external static pressure mode is shown without < >. Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
*5 If the airflow rate is over the usable range, dew drop can be caused from the air outlet and the air flow rate is changed automatically because of the output down by the fan motor control. If the air flow rate is less than the usable range, condensation from the unit surface can be caused.
*6 Regarding P250VMHS-E-F, the middle notch air flow rate is different from the spec value when the external static pressure setting is set to 100Pa. See "Fan characterics curves" in DATA BOOK for the details.

- The combination of fresh air intake type indoor units with other types of indoor units to handle internal thermal load which may cause the conflict of operation mode. It is not recommended when fresh air intake type indoor unit is connected to the Y or WY series.
- Depending on the air conditioning load, outside temperature, and due to the activation of protection functions, the desired preset temperature may not always be achieved and the discharge temperature may swing. Note that untreated outside air may be delivered directly into the room upon the activation of protection functions.
- Fresh air intake type indoor units cannot be connected to PUMY series, except for PUMY-SP125/140V(Y)KM2, PUMY-CP125/140VKM2, PUMY-CP125/140/200/225YKM2, PUMY-P200/225YKM3, PUMY-(C)P250/300YBM2. Fresh air intake type indoor unit and PUMY have to be one to one connection. Fresh air intake type unit cannot be connected to an outdoor unit together with PWFY series.
- The maximum connectable indoor units to 1 outdoor unit are 110% (100% in case of heating below -5°C).
- When fresh air intake type indoor units connect to an outdoor unit together with other types of indoor unit, the total capacity of fresh air intake type indoor units needs to be 30% or less of the connected outdoor unit capacity.
- The AUTO mode on the local remote controller is available only when fresh air intake type indoor unit is connected to the R2 or WR2 series of outdoor unit.
- The system changeover function is available only when all the connected indoor units are fresh air intake type indoor units.
- The fan temporary stops during defrost.
- The cooling and heating capacities are the maximum capacities that were obtained by operating in the above air conditions and with a refrigerant pipe of about 7.5 m and a level difference of 0 m.
- The actual capacity characteristics vary with the combination of indoor and outdoor units. See the technical information in DATA BOOK for the details.
- Thermo off (Fan) operation automatically starts either when temperature is lower than 17°CDB in cooling mode or when the temperature exceeds 20°CDB in heating mode.
- Dry mode is not available.
- When this unit is used as sole A/C system, be careful about the dew in air outlet grilles in cooling mode.
- Un-conditioned outdoor air such as humid air or cold air blows to the indoor during thermo off operation. Please be careful when positioning indoor unit air outlet grilles, ie take the necessary precautions for cold air, and also insulate rooms for dew condensation prevention as required.
- Air filter must be installed in the air intake side. The filter should be attached where easy maintenance is possible in case of usage of field supply filters.

Wall-mounted type

PKFY-P VLM-E
PKFY-P VKM-PA NEW


PKFY-P VLM (P15~P32)


PKFY-P VLM (P40/P50)


PKFY-P VKM (P63/P100)

Sophisticated design with new white color that matches the room's interior (VKM Model)

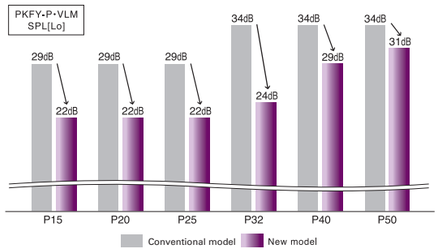

PKFY-P VKM-E
Conventional model


PKFY-P VKM-PA
New model

A sharp and simple form that combines beauty and function. The simple square design harmonizes beautifully with the straight lines created by the intersection of the walls, floor and ceiling. Also adopted a new white body color. It will make your life and space beautiful and comfortable without disturbing the atmosphere of the room.

Low noise

The noise level has been reduced compared to the conventional model (PKFY-P VBM/VHM) by improving the unit structure such as the line flow fan.



* Measurement condition (Fan speed: Low)
* It is measured in anehoic room.

Improved Airflow control

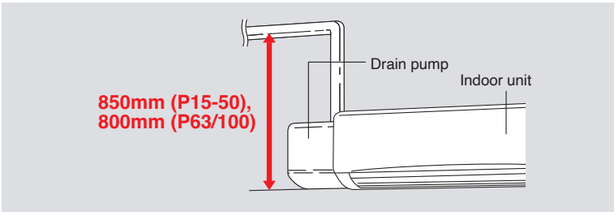
Fan speed and Vane control

The VLM can set the fan speed to 4 steps and auto mode. Also, the vane angle can be set to 5 steps. This has enabled air conditioning to be tailored to your taste.

		Conventional		Current
		PKFY-P**VBM	PKFY-P**VHM	PKFY-P**VLM-E
Fan Speed		4 speeds	3 speeds + AUTO	4 speeds + AUTO
Vane Control	Vane Angle	4 steps	5 steps	5 steps
	Swing mode	–	✓	✓

Drain pump option

The optional drain pump allows the drain connection to be raised as high as 850mm (P15-50), 800mm (P63/100), allowing more flexible in piping layout design.



Optional Parts

Description	Model	Applicable capacity
External LEV Box	PAC-SG95LE-E	P15, 20, 25, 32, 40, 50, 63
Drain pump kit	PAC-SL48DM-E	P15, 20, 25, 32, 40, 50, 63, 100
Plasma quad connect	MAC-100FT-E	P15, 20, 25, 32, 40, 50, 63, 100

Specifications

Model				PKFY-P25VLM-E	PKFY-P32VLM-E	PKFY-P40VLM-E	PKFY-P50VLM-E
Power source				1-phase 220-240 V 50 Hz, 1-phase 220-230 V 60Hz			
Cooling capacity (Nominal)		*1	kW	2.8	3.6	4.5	5.6
		*1	BTU/h	9,600	12,300	15,400	19,100
	Power input		kW	0.03	0.04	0.04	0.05
	Current input		A	0.25	0.35	0.35	0.45
Heating capacity (Nominal)		*2	kW	3.2	4.0	5.0	6.3
		*2	BTU/h	10,900	13,600	17,100	21,500
	Power input		kW	0.02	0.03	0.03	0.04
	Current input		A	0.20	0.30	0.30	0.40
External finish (Munsell No.)				Plastic, MUNSELL (0.7PB 9.2/0.4)			
External dimension H x W x D			mm	299 x 773 x 237		299 x 898 x 237	
			in.	11-25/32 x 30-7/16 x 9-11/32		11-25/32 x 35-3/8 x 9-11/32	
Net weight			kg (lbs.)	11 (25)		13 (29)	
Heat exchanger				Cross fin (Aluminum fin and copper tube)			
Fan	Type x Quantity			Line flow fan x 1			
	External static press		Pa (mmH_2O)	0 (0)			
	Motor type			DC motor			
	Motor output		kW	0.03			
	Driving mechanism			Direct driven			
	Airflow rate (Lo-Mid2-Mid1-Hi)		m^3/min	4.0-4.6-5.4-6.7	4.3-5.4-6.9-8.4	6.3-7.4-8.6-10.0	6.8-8.3-10.2-12.4
			L/s	67-77-90-112	72-90-115-140	105-123-143-167	113-138-170-207
			cfm	141-162-191-237	152-191-244-297	222-261-304-353	240-293-360-438
Noise level (measured in anechoic room)			dB (A)	22-27-31-35	24-31-37-41	29-34-37-40	31-36-41-46
Insulation material				Polyethylene sheet			
Air filter				PP honeycomb			
Protection device				Fuse			
Refrigerant control device				LEV			
Refrigerant piping diameter	Liquid (Flare)		mm (in.)	ø6.35 (ø1/4)			
	Gas (Flare)		mm (in.)	ø12.7 (ø1/2)			
Field drain pipe diameter			mm (in.)	I.D.16 (5/8)			
Optional parts	DRAIN PUMP KIT			PAC-SL48DM-E			
	EXTERNAL LEV BOX			PAC-SG95LE-E			

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-1) Indoor : 27°CD.B./19°CW.B. (81°FD.B./66°FW.B.), Outdoor 35°CD.B. (95°FD.B.) Pipe length : 7.5 m (24-9/16 ft.), Level difference : 0 m (0 ft.)
*2 Nominal heating conditions (subject to JIS B8615-1) Indoor : 20°CD.B. (68°FD.B.), Outdoor 7°CD.B./6°CW.B (45°FD.B./43°FW.B.) Pipe length : 7.5 m (24-9/16 ft.), Level difference : 0 m (0 ft.)

Model				PKFY-P63VKM-PA	PKFY-P100VKM-PA
Power source				1-phase 220-240V 50Hz, 1-phase 220V-230V 60Hz	
Cooling capacity (Nominal)		*1	kW	7.1	11.2
		*1	BTU/h	24,200	38,200
	Power input		kW	0.05	0.08
(220V)	Current input		A	0.37	0.58
Heating capacity (Nominal)		*2	kW	8.0	12.5
		*2	BTU/h	27,300	42,600
	Power input		kW	0.04	0.07
(220V)	Current input		A	0.30	0.51
External finish (Munsell No.)				Plastic, MUNSELL (0.7PB 9.2/0.4)	
External dimension H x W x D			mm	365x1170x295	
			in.	14-3/8 x 46-1/16 x 11-5/8	
Net weight			kg (lbs.)	21(46)	
Heat exchanger				Cross fin (Aluminum fin and copper tube)	
Fan	Type x Quantity			Line flow fan x 1	
	External static press		Pa (mmH_2O)	0 (0)	
	Motor type			DC motor	
	Motor output		kW	0.056	
	Driving mechanism			Direct-drive	
	Airflow rate (Low-High)		m^3/min	16-20	20-26
			L/s	267-333	333-433
			cfm	565-706	706-918
Sound pressure level (measured in anechoic room)			dB (A)	39-45	41-49
Insulation material				Polyethylene sheet	
Air filter				PP honeycomb	
Protection device				Fuse	
Refrigerant control device				LEV	
Refrigerant piping diameter	Liquid (Flare)		mm (in.)	ø9.52 (ø3/8)	
	Gas (Flare)		mm (in.)	ø15.88 (ø5/8)	
Field drain pipe diameter			mm (in.)	I.D.16 (5/8)	
Optional parts	DRAIN PUMP KIT			PAC-SL48DM-E	
	EXTERNAL LEV BOX			PAC-SG95LE-E	-

Notes:

*1 Nominal cooling conditions (subject to JIS B8615-1) Indoor : 27°CD.B./19°CW.B. (81°FD.B./66°FW.B.), Outdoor 35°CD.B. (95°FD.B.) Pipe length : 7.5 m (24-9/16 ft.), Level difference : 0 m (0 ft.)
*2 Nominal heating conditions (subject to JIS B8615-1) Indoor : 20°CD.B. (68°FD.B.), Outdoor 7°CD.B./6°CW.B (45°FD.B./43°FW.B.) Pipe length : 7.5 m (24-9/16 ft.), Level difference : 0 m (0 ft.)

Remote Controller

Remote controller list

Building Management Zone

Centralized control

*This image shows AE-C400E-X.

AE-C400E-X/EW-C50E-X with BACnet Interface NEW

For BACnet®

BACS-AP50E BACnet adapter NEW

For BACnet®

BMS* and CITY MULTI can be connected. This enables control of the entire building and air-conditioning control on the BMS side. *Building management system

Floor Management Zone

System controller

AE-C400E-X NEW

This model, featuring a color LCD screen, can control up to 50 indoors unit when used independently, and up to 400 units can be controlled by connecting additional AE-C400E-X or EW-C50E-X.

EW-C50E-X NEW

This model can control up to 50 indoor units when used independently, or when connected to the AE-C400E-X as an expansion unit.

PAC-YT40ANRA

The power can be turned on and off easily for 50 indoor units in up to 16 groups with this single unit.

AT-50B

This model is suitable for control on each floor. You can control up to 50 indoor units on the color LCD screen.

The air conditioners in each group can be turned on and off, and their modes can be changed. The weekly timer allows them to be turned on automatically before work starts, and off after closing time.

Local remote controller

PAR-41MAAM
(MA remote controller)

The temperature can be set in steps of 0.5°C [1°F] increments, and the air flow direction and error icons are displayed on the screen.

PAC-YT52CRA
(MA remote controller)

A simple remote controller dedicated to setting the temperature and fan speed

PAR-U02MEDA
(ME remote controller)

All elements appear on the LCD screen, which features an occupancy sensor. All conditions including grouping can be set on this one controller.

PAR-SL101A-E
(MA Wireless remote controller)

* Connected only to PLFY-P VHM-PA / PLFY-P VFM-E1/PKFY-P VLM-E
* Requires wireless signal receiving unit

PAR-CT01MAA-S
(MA remote controller)

All elements appear on the LCD screen. The background and character colors can be selected.

PAR-FL32MA
(MA Wireless remote controller)

* Requires wireless signal receiving unit

A suitable remote controller can be selected to control the air conditioners in each room according to each use situation.

Centralized controller

AE-C400E-X

Dimensions: 306(W) x 211(H) x 71.8(D) mm
12-1/16(W) x 8-5/16(H) x 2-27/32(D) in.

Mounted with a color LCD touch panel with excellent visibility and operability

- The AE-C400E-X features a 12.1-in color LCD display that provides excellent visibility. It has a flat-glass, capacitive touch panel for quick and precise response.

Up to 400 indoor units can be controlled

- One AE-C400E-X/EW-C50E-X can control up to 50 indoor units. Up to 400 units can be controlled by connecting additional AE-C400E-X or EW-C50E-X.

Air conditioners can be monitored and operated remotely

- Air conditioners can be remotely monitored and operated from a Web browser* on a personal computer by connecting the computer to the Internet via a modem or VPN router using a LAN connection. Up to 2000 indoor units can be controlled from Web browser.

* For Windows, Microsoft® Edge or Google Chrome is required. For Macintosh, Safari 7 is required. Windows and Microsoft® Edge are registered trademarks of Microsoft Corporation in the United States and other countries.

Function list

• The functions and specifications are subject to change.

Function		Details	LCD/PC/tablet			Smart phone
			Building manager	Tenant manager	General user	
Monitor/Operation screen	Floor layout screen	The operating state of the air conditoners is displayed on the floor layout.	✓	—	—	—
	List screen	The operating state of the air conditioners is displayed in list format.	✓	✓	✓	✓
	Status list screen	The number of On/Off/Error state of the air conditioners is displeyed each floor.	✓	—	—	—
	Advanced	The airconditoiners can be operated.	✓	✓	✓	✓
Energy management	Energy Use Status	The power consumption, outdoor temperature and operation time can be displayed in bar graphs or line graphs for comparison.	✓	✓	—	—
	Peak-Cut	The peak-cut control level and average electric power and displayed.	✓	—	—	—
Schedule functions	Schedule settings*1	It is possible to set the weekly schedule based on the day-of-the-week pattern (for each season), annual schedule and daily schedule for the units in each group, in each block or on each floor or all units collectively.	✓	✓	—	—
	Date range setting	The periods for weekly schedules 1 to 5 can be set.	✓	—	—	—
Notice	Error list	The addresses of units in trouble and error codes and the adddresses of units whose troubles have been detected are displayed.	✓	—	—	—
	Unit error log/Communication error log	500 errors which have occurred each set of AE-C400E-X/EW-C50E-X are displayed. (250 unit errors and 250 communication errors)	✓	—	—	—
	Filter sign	A list of units on which the filter sign is on is displayed.	✓	—	—	—

*1: The tenant management users cannot set the weekly schedule for each season.

[User classification]

	Administrator	Tenant	General user
Accessible air conditioners	All	Air conditioners specified by administrator	

Centralized controller

EW-C50E-X

EW-C50E-X suitable for remote control from personal computer! Usable as expansion controller for AE-C400E-X

Centralized air conditioning control system EW-C50E-X

Flexibly applicable to centralized control in large- to small-scale buildings

EW-C50E-X without LCD screen

Dimensions: 185(W) x 278(H) x 60.3(D) mm
7-5/16(W) x 10-31/32(H) x 2-3/8(D) in.

Major features

- **Usable as expansion controller for AE-C400E-X**
  When 7 sets of EW-C50E-X are connected to AE-C400E-X, up to 400 indoor units can be operated and monitored by AE-C400E-X.
- **Air conditioners can be operated and monitored only with EW-C50E-X by using a personal computer, tablet or smartphone.**
  Without AE-C400E-X, air conditioners can be monitored and operated only with this controller by using the browser software*1 of a personal computer. They can be monitored and operated remotely by using the Internet, and the air conditioners in some buildings can be operated simultaneously.*2

Function

• The functions and specifications are subject to change.

◎: By group or multiple groups ○: By group □: Batch only

Item	Description	Setting Display	Display
ON/OFF	Switches to ON or OFF air conditioners and general equipment.	◎	◎
Operation mode switching	Switches to cool, dry, auto, fan, or heat operation. * Depending on the unit, some modes are not available.	◎	○
Room temperature setting	The temperature can be set in the following range. The values inside the parenthesis are for indoor units for medium temperature. * Depending on the model, the setting temperature range differs. · Cooling/dry : 19°C to 35°C (4.5°C to 30°C) · Heating : 17°C to 28°C (17°C to 28°C) · Auto (single set point): 19°C - 28°C · Auto (dual set points) [Cool] Same as the set temp. range for Cool mode. [Heat] Same as the set temp. range for Heat mode. · Setback (dual set points) [Cool] Same as the set temp. range for Cool mode. [Heat] Same as the set temp. range for Heat mode.	◎	○
Set temperature 0.5°Cincrements	The temperature can be set and displayed in 0.5°C increments. * With some unit combinations, the temperature is set in 1°C increments.	◎	○
Fan speed setting	The fan speed can be set to 4 levels, 3 levels, 2 levels or automatic. * Available fan speeds differ depending on the unit.	◎	○
Air direction setting	Fixed swing in five levels or auto air direction can be set. * Available air directions differ depending on the unit.	◎	○
Prohibition of local remote controller operation	It is possible to disable the ability to use to local remote controller to run or stop, the operation mode, set temperature, filter sign reset, wind speed, wind direction and timer operation. * In the Lossnay group, only ON/OFF and filter reset can be disabled. * Disabling of the fan speed, air direction, and timer operation can be set for the AT-50B, PAR-41MAA, PAR-U02MEDA, and PAC-YT52CRA models.	◎	○
Room temperature display	Displays the suction temperature of the indoor unit.	–	○
Error display	Displays the current error content together with the address.	–	◎
Schedule operation	Today/weekly/weekly by season/yearly Setting content: ON/OFF, operation mode, set temperature, disable local remote controller, air direction/fan	◎	○
Energy management	Displays the power consumption* or operating hours. * Requires an optional part.	–	◎
Ventilator operation (solo)	Group operation can be possible for free plan Lossnay units only. * The above group operation mode includes auto ventilation, heat exchange, and normal ventilation.	◎	○
Ventilator operation (interlocked)	Free plan Lossnay units and indoor units can be interlocked and operated together. * At this point, air volume can be operated but the ventilation mode cannot be selected.	◎	○
External input (timer connection, emergency stop input, etc.)	Using a level signal or pulse signal, it is possible to input the following. Level signal: Emergency Stop Input, Batch ON/OFF, and Demand Input. Pulse signal: Batch ON/OFF or Operation Disable/Enable * Requires an external power supply and separately sold external I/O adapter (PAC-YG10HA-E). Of the above inputs, only one input can be selected.	□	–
External output (error output, operation output)	Using the level signal, ON/OFF and Error/Normal are output. * Requires an external power supply and separately sold external I/O adapter (PAC-YG10HA-E).	–	□
Web browser	Monitor/operation, failure, filter sign monitoring, schedule setting, interlocked control setting (option), energy saving control setting (option), energy saving peak cut setting (option), set temperature range restrictions, other	◎*1	◎*1
Filter reset	Filter sign reset	○	○
Connectable location	Centralized system transmission line: Connectable Recommended Indoor and outdoor transmission line: Connectable	–	–

* The functions and specifications differ depending on the connected equipment and model.
* Electric energy can be proportionally divided using the EW-C50E-X alone.
But the apportioned electricity charge function requires an AE-C400E-X

■Notes
*1. Some items do not support the multi group setting and display.
*2. Use only items for which the unit has the function.

■Connectable equipment: Free plan direct expansion system air conditioner
Inverter air conditioner for facility
Package air conditioner for facility (the AW control model can be connected using an M control compatible indoor unit)
A Control Mr. Slim (Can be connected using an M-NET adapter or special outdoor unit)
Kirigamine room air conditioner (Requires a system control interface or M-NET control interface)
Free plan Lossnay/Lossnay with heating and humidification
Independent humidification unit *2
Environmental measuring controller, metering measurement controller, general interface

Wired MA remote controller

PAR-41MAAM

Dimensions 120(W) x 120(H) x 14.5(D) mm
4-23/32(W) x 4-23/32(H) x 37/64(D) in.

Highlight display

The screen background can be set to black to suit the ambience of the room.

*Factory setting : White

- **Backlit LCD (Liquid Crystal Display)**
  Large, easy-to-see display
  Full-dot LCD display with large characters for easy viewing
  Contrast also adjustable
- **Night Setback**
  When the room temperature goes outside of a certain range during the predetermined period, this function automatically starts heating or cooling operation to prevent dew condensation or an excessive temperature increase in the room.
- **3D i-see sensor***
  Settings for 3D i-see sensor can be performed.
- **Draft reduction***
  “Close” has been added to the manual vane angle selection. The air outlet can be closed to reduce drafts from the air conditioner.
- **Auto descending panel***
  Panels can be lowered/raised using the remote controller. The descending distance of the panel can also be selected.

*The availability of the function depends on the indoor unit model. For details, please contact your local distributor.

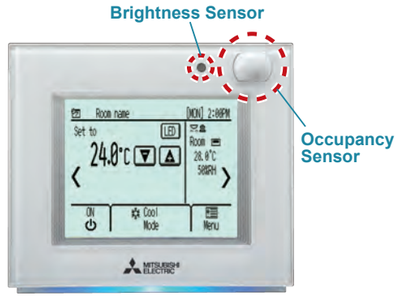
Functions

○: Available ×: Not available

Item	Description	Setting	Display
ON/OFF	Switches between ON and OFF.	○	○
Operation mode switching	Switches between Cool / Dry / Fan / Auto / Heat.	○	○
Temperature setting	Changes the set temperature. * Set temperature range varies depending on the indoor unit model.	○	○
Air flow direction setting	Changes airflow direction. * Available airflow directions vary depending on the model.	○	○
Louver setting	Switches between louver ON/OFF.	○	○
Ventilation equipment control	Interlocked setting and interlocked operation setting with CITY MULTI LOSSNAY units can be performed. The Stop/Low/High settings of the ventilation equipment can be controlled.	○	○
Error information	When an error occurs, an error code and the unit address appear. Air conditioning unit model, serial number, and contact number can be set to appear when an error occurs. (The above information needs to be entered in advance.) * An error code may not appear depending on the error.	–	○
Timer	ON/OFF timer Turns ON and OFF daily at a set time. • Time can be set in 5-minute increments. • It is also possible to set the ON time only or the OFF time only. Auto-OFF timer Turns off the unit after a certain period of operation. • Operation time can be set to a value from 30 to 240 minutes in 10-minute increments.	○	○
Allows/disallows local operation	The following operation can be prohibited by applying certain settings on the centralized controller: ON/OFF, operation mode, temperature, filter sign reset, air direction, fan speed and timer. * While an operation is prohibited, the operation icon lights up (only on the Main display in "Full" mode).	×	○
Operation lock	The following operations can be prohibited: “Location,” “ON/OFF,” “Mode,” “Set temp.,” “Menu,” “Fan,” “Louver,” or “Vane.”	○	○
Temperature range restriction	The room temperature range for each operation mode can be restricted.	○	○
Auto return	The units operate at the preset temperature after a designated period. (Time can be set to a value from 30 to 120 minutes in 10-minute increments.) * Not valid when the temperature setting range is restricted.	○	×
Daylight saving time	The start / end time for daylight saving time can be set. The daylight saving time function will be activated based on the setting contents.	○	○

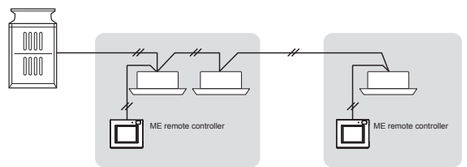
ME remote controller

PAR-U02MEDA



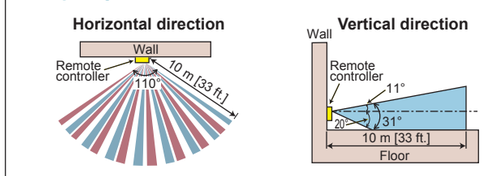
Dimensions 140(W) x 120(H) x 25(D) mm
5-9/16(W) x 4-3/4(H) x 1(D) in.

Example of system configuration



- **Occupancy Sensor**
  The occupancy sensor detects when the room is empty and provides energy-saving control.
- **Touch Panel & Backlit LCD**
  The operation settings screen is a touch panel.
  When the backlight is off, touching the panel turns on the backlight.
  The backlight will remain on for a preset length of time.
- **LED Indicator**
  The color of the LED indicator indicates operation status.
  The LED indicator is lit during normal operations, and is not lit when units are stopped. In case of error, the indicator blinks.
- **Brightness Sensor**
  The brightness sensor detects brightness in the room and provides energy-saving control.
- **Temperature & Humidity Sensor**
  The sensor detects room temperature and relative humidity.

Occupancy Sensor detection zone



Functions

○: Available ×: Not available

Item	Description	Setting	Display
ON/OFF	Switches between ON and OFF.	○	○
Operation mode switching	Switches between Cool / Dry / Fan / Heat / Auto. Operation modes vary depending on the indoor unit model.	○	○
Temperature setting	Changes the set temperature. * Set temperature range varies depending on the indoor unit model.	○	○
Fan speed setting	Changes fan speed. * Available fan speeds vary depending on the model.	○	○
Air flow direction setting	Changes airflow direction. * Available airflow directions vary depending on the model.	○	○
Allows/disallows local operation	The following operation can be prohibited by applying certain settings on the centralized controller: ON/OFF, operation mode setting, temperature setting, fan speed, air direction, and filter sign reset. * While an operation is prohibited, the operation icon lights up.	×	○
Error information	When an error occurs, an error code and the unit address appear. A contact number can be set to appear when an error occurs. (The information above needs to be entered in the Service menu.)	–	○
Schedule (Weekly timer)	Weekly ON/OFF times, operation mode, and set temperatures can be set. • Time can be set in 5-minute increments. Up to 8 schedule patterns can be set per day of the week. * Not valid when the ON/OFF timer is set.	○	○
Timer	ON/OFF timer Turns ON and OFF daily at a set time. • Time can be set in 5-minute increments. • It is also possible to set the ON time only or the OFF time only. Auto-OFF timer Turns off the unit after a certain period of operation. • Operation time can be set to a value from 30 to 240 in 10-minute increments.	○	○
Energy-save control during vacancy	When vacancy is detected by the occupancy sensor, the energy-save control assist function is activated. Four control types are available for selection: ON/OFF/Set temperature/Fan speed/Thermo-off. The brightness sensor can be used in conjunction with the occupancy sensor to detect the occupancy/vacancy status more accurately.	○	○

Wireless remote controller

PAR-FL32MA

Dimensions

58(W) x 159(H) x 19(D) mm
[2-5/16(W) x 6-5/16(H) x 3/4(D) in.]

PAR-SL101A-E
(PLFY-P VHM-PA, PLFY-P VFM-E1, PKFY-P VLM-E only)

Dimensions

66(W) x 188(H) x 22(D) mm
[2-5/8(W) x 7-13/32(H) x 7/8(D) in.]

PAR-FA32MA

Dimensions

70(W) x 120(H) x 22.5(D) mm
[2-3/4(W) x 4-3/4(H) x 7/8(D) in.]

PAR-SR5LA-E
(PLFY-P VHM-PA signal receiver)

Dimensions

206(H) x 27(D) mm

PAR-SF9FA-E
(PLFY-VFM-E1 signal receiver)

Dimensions

214(H) x 25.5(D) mm

PAR-SL94B-E*/PAR-SR2MA-E
(Wireless remote controller kit for ceiling-suspended type)
* PAR-SL94B-E includes transmitter.

Dimensions

182(W) x 57(H) x 31(D) mm/
58(W) x 159(H) x 19(D) mm
[7-3/16(W) x 2-1/4(H) x 1-1/4(D) in.]/
[2-5/16(W) x 6-5/16(H) x 3/4(D) in.]

- **No need to configure addresses for group operation**
- **Lit LED keeps you informed of operation - the LED also provides you with error codes via the number of blinks**
- **Can be used with the MA remote controller**

  *When used in group configurations, wiring between indoor units is required.
  *Combining ME remote controller and/or LOSSNAY remote controller in a group is not possible.
- **Multiple indoor units cannot be controlled from the PAR-SL101A-E**
  Only one indoor unit can be used in each group
- **LCD temperature setting and display in 1°C /2°F increments**

System configuration example