



## Ceiling Suspended



optional



optional

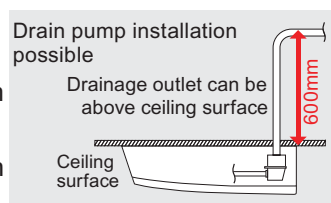
**A stylish indoor unit design and airflow settings for both high- and low-ceiling interiors expand installation possibilities**

### Stylish Indoor Unit Design

A stylish rectangular design is adopted for the indoor units of all models. As a result, the units blend in better with the ceiling.

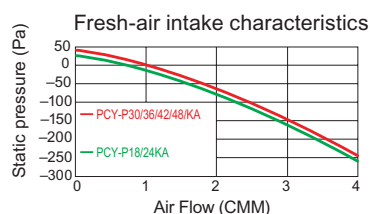
### Optional Drain Pump

The pumping height of the optional drain pump has been increased from 400mm to 600mm, expanding flexibility in choosing unit location during installation work.



### Fresh-air Intake

Units are equipped with a knock-out hole that enables the induction of fresh air from outside.

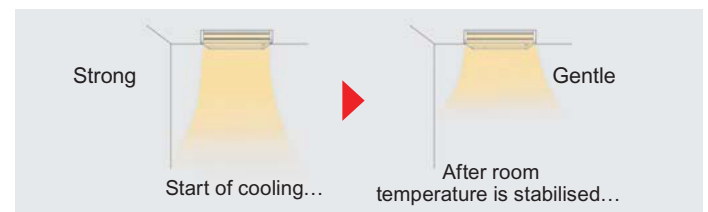


### Flockless Vanes

With the adoption of flockless vanes, dirt and other impurities can be cleaned off easily using a mild household detergent.

### Automatic Air-speed Adjustment

In addition to the conventional 4-speed settings, units are now equipped with an automatic air-speed adjustment mode. This setting automatically adjusts the air-speed to conditions that match the room environment. At the start of cooling operation, the airflow is set to high-speed to quickly cool the room. When the room temperature reaches the desired setting, the airflow speed is decreased automatically for stable, comfortable cooling operation.



### Features at a glance

Installation & Maintenance	Comfort	Others
Chargeless system	Auto swing	System control
New direct suspension system	Computerized Dehumidifier	Twin-Multi Operation
Drain water lifting (600mm)*1	Quiet operation	Auto restart
Flexible piping		Auto vane shutter
Long Life Filter *2		
High Efficiency *1		
Self-diagnostic function		Outdoor unit max. operating temp. of 52°C

\*1 Optional

\*2 May vary according to operating conditions.

# Specifications

## PCY-Series

### Ceiling Suspended (50Hz/60Hz)

Models	Indoor	PCY-P18KA	PCY-P24KA	PCY-P30KA	PCY-P36KA	PCY-P42KA	PCY-P48KA
	Outdoor	SUY-KA18VA	SUY-KA24VA	SUY-KA30VA	SUY-KA36VA	PUY-P42YKA	PUY-P48YKA
Cooling Capacity (Rated)	kW	5.3	7.1	8.8	10.6	12.3	13.5
	Btu/Hr	18,000	24,000	30,000	36,000	42,000	46,000
Cooling Capacity (Min.- Max.)	kW	2.8 - 5.4	3.6 - 8.9	4.1 - 9.7	4.1 - 10.7	6.2 - 14.1	6.6 - 15.0
Total Input (Rated)	kW	1.51	2.09	2.59	3.12	3.68	4.41
EER	W / W	3.51	3.40	3.40	3.40	3.34	3.06
<b>Indoor Unit</b>							
Power Supply	50 Hz	1 Ph / 220V ~240V					
	60 Hz	1 Ph / 220V					
External Finish	Munsell 6.4Y 8.9 / 0.4						
Air Flow (Low/Mid1/Mid2/High)	CFM	565 - 600 - 635 - 705	565 - 635 - 705 - 775	850 - 920 - 990 - 1060	955-1025-1130-1200		
	L/s	267 - 283 - 300 - 333	267 - 300 - 333 - 366	401 - 434 - 467 - 500	451 - 484 - 533 - 566		
External Static Pressure	Pa	0 (Direct Blow)					
Operation Control /Thermostat	Remote Control / Built -in						
Noise Level (Low/Mid1/Mid2/High)	dB (A)	34 - 36 -38 - 40	34 - 36 - 40 - 42	39 - 41 - 43 - 45	42 - 44 - 46 - 48		
Drain Pipe (I.D)	mm	26					
DImensions (H / W / D)	mm	230 / 1280 / 680			230 / 1600 / 680		
Weight	Kg	32	37	40			
<b>Outdoor Unit</b>							
Power Supply	50 Hz	1 Ph / 220V ~240V				3 Ph / 380V ~ 415V	
	60 Hz	1 Ph / 220V				3Ph / 380V	
External Finish	Munsell 3.0Y 7.8 / 1.1						
Refrigerant Control(R410A)	Linear Expansion Valve (LEV)						
Air Flow	CFM	1200	1625		1800	4595	
	L/s	566	767		850	2168	
Noise Level	dB (A)	51	54	56	58	55	56
DImensions (H / W / D)	mm	550 / 800 / 285	880 / 840 / 330			1338 / 1050 / 330	
Weight	Kg	33	47	50	51	96	96
Max. Height Difference	m	30					
Max. Piping Length	m	50					
Pipe Size (O.D)	Liquid	mm(Inch)	6.35 (1/4)		9.52 (3/8)		
	Gas	mm(Inch)	12.5 (1/2)		15.88 (5/8)		

#### Notes:

#### Rating conditions

\* Cooling - Indoor : 27 / 19 °C DB/WB, Outdoor: 35 °C DB

\* Refrigerant piping length (one way) : 7.5m (25ft)

\* Noise Level is measured based on JIS standards.

#### Guaranteed Operating Range (Cooling)

Cooling	Indoor	Outdoor	
		SUY-KA18/24/30/36VA	PUY-P42/48YKA
Upper limit	32° CDB / 23° CWB	52° CDB	52° CDB
Lower limit	21° CDB / 15° CWB	18° CDB	-5° CDB