





SPLIT -TYPE AIR CONDITIONERS





Ceiling Suspended







optional



optional

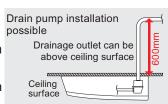
A stylish indoor unit design and airflow settings for both high- and low-ceiling interiors expand installation possibilities

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.

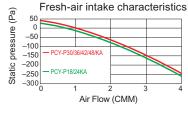
Optional Drain Pump

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.

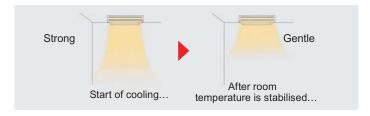


Flockless Vanes

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		Outdoor unit max. operating temp. of 52°C
Self-diagnostic function		temp. or 52 o

^{*1} Optional

^{*2} May vary according to operating conditions.

Specifications

PCY-Series

Ceiling Suspended (50Hz/60Hz)

See Fig. F				•	•				
Outcoor SUT-NATEVA SUT-NA	Models	Indoor	PCY-P18KA	PCY-P24KA	PCY-P30KA	PCY-P36KA	PCY-P42KA	PCY-P48KA	
BtuHr 18,000 24,000 30,000 36,000 42,000 46,000		Outdoor	SUY-KA18VA	SUY-KA24VA	SUY-KA30VA	SUY-KA36VA	PUY-P42YKA	PUY-P48YKA	
Description Control / Thermostat Set	Cooling Canacity (Pated)	kW	5.3	7.1	8.8	10.6	12.3	13.5	
Total Input (Rated)	Cooling Capacity (Rated)		Btu/Hr	18,000	24,000	30,000	36,000	42,000	46,000
Section Sect	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
Solidar Soli	Total Input (Rated)		kW	1.51	2.09	2.59	3.12	3.68	4.41
Power Supply	EER		W/W	3.51	3.40	3.40	3.40	3.34	3.06
External Finish	Indoor Unit			<u> </u>					
External Finish	Power Supply		50 Hz	1 Ph / 220V ~240V					
Air Flow (Low/Mid1/Mid2/High			60 Hz	1 Ph / 220V					
List	External Finish			Munsell 6.4Y 8.9 / 0.4					
External Static Pressure Pa 0 (Direct Blow) Operation Control / Thermostat Noise Level (Low/Mid1/Mid2/High) dB (A) 34 - 36 - 38 - 40 34 - 36 - 40 - 42 39 - 41 - 43 - 45 40 42 - 44 - 46 - 48 Drain Pipe (I.D) mm 230 / 1280 / 680 230 / 1600 / 680 Weight Kg 32 37 40 Outdoor Unit Power Supply 50 Hz 1 Ph / 220V - 240V 3 Ph / 380V - 415V 3 Ph / 380V 4 Ph	Air Flow (Low/Mid1/Mid2/High		CFM	565 - 600 - 635 - 705	565 - 635 - 705 - 775	850 - 920 - 990 - 1060	955-1025-1130-1200		
Description Control / Thermostat			L/s	267 - 283 - 300 - 333	267 - 300 - 333 - 366	401 - 434 - 467- 500		451 - 484 - 533 - 566	
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 230 / 1280 / 680 230 / 1600 / 680 Weight Kg 32 37 40 Outdoor Unit Power Supply 50 Hz 1 Ph / 220V ~ 240V 3 Ph / 380V ~ 415V 60 Hz 1 Ph / 220V 3 Ph / 380V External Finish Munsell 3.0Y 7.8 / 1.1 Refrigerant Control(R410A) Linear Expansion Valve (LEV) Air Flow CFM 1200 1625 1800 4595 Air Flow Lys 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 1338 / 1050 / 330 Weight Kg 33 47 50 51 96 96 Max. Height Diffe	External Static Pressul	re	Pa	0 (Direct Blow)					
Drain Pipe (I.D) mm 26 Dimensions (H / W / D) mm 230 / 1280 / 680 230 / 1600 / 680 Weight Kg 32 37 40 Outdoor Unit Power Supply 50 Hz 1 Ph / 220V ~ 240V 3 Ph / 380V ~ 415V 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 1338 / 1050 / 330 Weight Kg 33 47 50 51 96 96 Max. Height Difference m 30 30 30 30 30 Pipe Size (O.D) Liquid mm(Inch) 6.35 (1/4) 9.52 (3/8) 9.52 (3	Operation Control /Thermostat			Remote Control / Built -in					
Dimensions (H / W / D) mm 230 / 1280 / 680 230 / 1600 / 680	Noise Level (Low/Mid1/Mid2/High) dB (A)		34 - 36 -38 - 40	34 - 36 - 40 - 42	39 - 41 - 43 - 45		42 - 44 - 46 - 48		
Weight Kg 32 37 40 Outdoor Unit Power Supply 50 Hz 1 Ph / 220V ~240V 3 Ph / 380V ~415V 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 Dlmensions (H / W / D) mm 550 / 800 / 285 880 / 840 / 330 1338 / 1050 / 330 1338 / 1050 / 330 Weight Kg 33 47 50 51 96 96 96 Max. Piping Length m 50 9.52 (3/8) 9.52 (3/8)	Drain Pipe (I.D)		mm	26					
Outdoor Unit Power Supply 50 Hz 1 Ph / 220V ~ 240V 3 Ph / 380V ~ 415V 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 56 55 56 Dimensions (H / W / D) mm 550 / 800 / 285 880 / 840 / 330 1338 / 1050 / 330 1338 / 1050 / 330 1338 / 1050 / 330 96 96 96 96 96 96 96 96 96 96 96 96 96 96 96 96 96 96	DImensions (H / W / D)	mm	230 / 1280 / 680 230 / 1600 / 680					
Description	Weight		Kg	32	37	37 40			
Power Supply Go Hz	Outdoor Unit								
External Finish Munsell 3.0Y 7.8 / 1.1	Power Supply		50 Hz	1 Ph / 220V ~240V			3 Ph / 380V ~ 415V		
CFM 1200 1625 1800 4595			60 Hz	1 Ph / 220V				3Ph / 380V	
Air Flow CFM 1200 1625 1800 4595	External Finish			Munsell 3.0Y 7.8 / 1.1					
Air Flow 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 Liquid mm(Inch) 6.35 (1/4) 9.52 (3/8)	Refrigerant Control(R4	10A)		Linear Expansion Valve (LEV)					
L/s 566 767 850 2168	Air Flow		CFM	1200	1200 1625 1		1800	4595	
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 Liquid mm(Inch) 6.35 (1/4) 9.52 (3/8)			L/s	566	767		850	2168	
Weight Kg 33 47 50 51 96 96 Max. Height Difference m 30 Max. Piping Length m 50 Liquid mm(Inch) 6.35 (1/4) 9.52 (3/8)	Noise Level		dB (A)	51	54	56	58	55	56
Max. Height Difference m 30 Max. Piping Length m 50 Liquid mm(Inch) 6.35 (1/4) 9.52 (3/8)	DImensions (H / W / D) mm 550 / 800 / 285			880 / 840 / 330		1338 / 1050 / 330			
Max. Piping Length m 50 Liquid mm(Inch) 6.35 (1/4) 9.52 (3/8)	Weight		Kg	33	47	50	51	96	96
Pipe Size (O.D) Liquid mm(Inch) 6.35 (1/4) 9.52 (3/8)	Max. Height Difference m		30						
Pipe Size (O.D)	Max. Piping Length m		50						
Gas mm(Inch) 12.5 (1/2) 15.88 (5/8)	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 $^{\circ}$ C DB/WB, Outdoor: 35 $^{\circ}$ 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			
Cooling	Indoor	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		