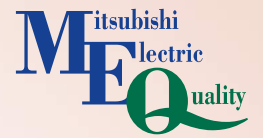


Changes for the Better

AIR CONDITIONERS



for a greener tomorrow



SLIM PACKAGED
Ceiling Suspended

(R-410A)

19SPAC

Mr. SLIM

Product Line-Up

Product Line-up

| Btu/hr | 18,000 | 24,000 | 30,000 | 36,000 | 42,000 | 48,000 | Remote controller |
|-----------------------------------------|-------------|-------------|-------------|----------------|----------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CEILING SUSPENDED PCY | PCY-SP18KA2 | PCY-SP24KA2 | PCY-SP30KA2 | PCY-SP36KA2 | PCY-SP42KA2 | PCY-SP48KA2 |  (Included)  (Optional) |
| OUTDOOR UNITS (INVERTER) | SUY-SA18VA2 | SUY-SA24VA2 | SUY-SA30VA2 | PUY-SP36V/YKA2 | PUY-SP42V/YKA2 | PUY-SP48V/YKA2 | |
| CEILING SUSPENDED PC-P SERIES | PC-P18KAK | PC-P24KAK | PC-P30KAK | PC-P36KAK | PC-P42KAK | PC-P48KAK |  (Included)  (Optional) |
| OUTDOOR UNITS (NON-INVERTER) | PU-P18VAKD | PU-P24VAKD | PU-P30VAKD | PU-P36V/YAKD | PU-P42YAKD | PU-P48YAKD | |

Note: Up to 24,000 Btu/hr entitled for 2 years general warranty and 5 years compressor warranty.
Above 24,000 Btu/hr to 48,000 Btu/hr is entitled for 1 year general warranty and 5 years compressor warranty.

Specification

Ceiling Suspended (PCY-SP) Standard Inverter

| Model | Indoor | PCY-SP18KA2 | PCY-SP24KA2 | PCY-SP30KA2 | PCY-SP36KA2 | | PCY-SP42KA2 | | PCY-SP48KA2 | | |
|--------------------------------|------------------|---------------------------|-----------------|------------------|---------------------------------------|-------------------|---------------------------------------|-------------------|---------------------------------------|-------------------|--|
| | Outdoor | SUY-SA18VA2 | SUY-SA24VA2 | SUY-SA30VA2 | PUY-SP36VKA2 | PUY-SP36YKA2 | PUY-SP42VKA2 | PUY-SP42YKA2 | PUY-SP48VKA2 | PUY-SP48YKA2 | |
| Cooling Capacity Range | Btu/hr | 9,553-18,084 | 9,895-24,225 | 12,966-30,026 | 13,648-36,167 | | 20,813-42,104 | | 23,884-48,109 | | |
| Capacity (Rated) | Btu/hr | 18,000 | 24,000 | 30,000 | 36,000 | | 42,000 | | 48,000 | | |
| Power input | kW | 1.58 | 2.19 | 2.95 | 3.59 | | 4.58 | | 5.75 | | |
| EER | w/w | 3.35 | 3.24 | 2.98 | 2.94 | | 2.68 | | 2.45 | | |
| Running Current | A | 7.2 | 10.0 | 13.4 | 16.6 (V) | | 20.6 (V) | | 25.9 (V) | | |
| Power supply | V/Hz/Ph | 220-240V,50Hz,1ph | | | 220-240V,50Hz,1ph 380-415V,50Hz,3ph | | 220-240V,50Hz,1ph 380-415V,50Hz,3ph | | 220-240V,50Hz,1ph 380-415V,50Hz,3ph | | |
| Indoor Unit | | PCY-SP18KA2 | PCY-SP24KA2 | PCY-SP30KA2 | PCY-SP36KA2 | | PCY-SP42KA2 | | PCY-SP48KA2 | | |
| Air flow | CFM | 565-600-636-706 | 565-635-705-775 | 850-920-990-1060 | Ø26 | | 955-1025-1130-1200 | | | | |
| Noise level (Lo-Hi) | dB (A) | 34-36-38-40 | 34-36-40-42 | 39-41-43-45 | | | 42-44-46-48 | | | | |
| Drain Pipe (internal diameter) | mm | | | | | Ø26 | | | | | |
| Dimension (W X D X H) | mm | 1280x680x230 | 1280x680x230 | | | | 1600x680x230 | | | | |
| Net weight | kg | 32 | 32 | 37 | | | 40 | | | | |
| Outdoor Unit | | SUY-SA18VA2 | SUY-SA24VA2 | SUY-SA30VA2 | PUY-SP36VKA2 | PUY-SP36YKA2 | PUY-SP42VKA2 | PUY-SP42YKA2 | PUY-SP48VKA2 | PUY-SP48YKA2 | |
| Power supply | | 1phase 220-240V 50Hz | | | 1ph 220-240V 50Hz | 3ph 380-415V 50Hz | 1ph 220-240V 50Hz | 3ph 380-415V 50Hz | 1ph 220-240V 50Hz | 3ph 380-415V 50Hz | |
| External finish | | Munsell 3.0Y 7.8/1.1 | | | | | | | | | |
| Refrigerant (R410A) control | | Linear expansion valve | | | | | | | | | |
| Airflow | CMM | 27 | | 46 | 75 | | 75 | | 87 | | |
| | CFM | 953 | | 1625 | 2648 | | 2648 | | 3071 | | |
| Noise level | dB (A) | 47 | 52 | 54 | 52 | | 53 | | 56 | | |
| Dimensions (W X D X H) | mm | 800 x 285 x 550 | | 840 x 330 x 880 | | | 1,050 x 330 x 981 | | | | |
| Weight | kg | 32 | 49 | 47 | 64 | 65 | 72 | 73 | 72 | 73 | |
| Max. height difference | m | 12 | | 15 | | | 30 | | | | |
| Max. piping length | m | 20 | | 30 | | | 50 | | | | |
| Pipe size (outer diameter) | mm | Liquid: 6.35 Gas: 12.7 | | | Liquid: 9.52 Gas: 15.88 | | | | | | |
| Chargeless piping length | m | 7 | | | | | 10 | | | | |
| Guaranteed operating range | Upper limit (DB) | 52 | | | | | | | | | |
| | Lower limit (DB) | 18 | | | | | | | | | |

Note: 1. Rating conditions (ISO T1)
Cooling Indoor: D.B. 27°C W.B. 19°C Outdoor: D.B. 35°C W.B. 24°C
Refrigerant piping length (one way): 7.5m

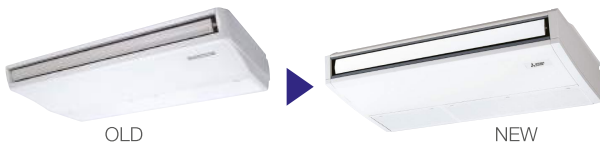
Note:
Single Phase - SUY-SA**VA2, PUY-SP**VKA2
Three Phase - PUY-SP**YKA2

Product Feature



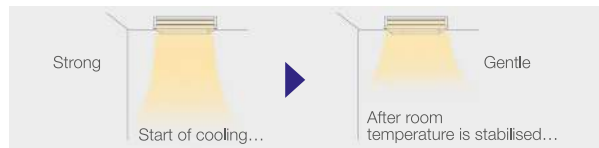
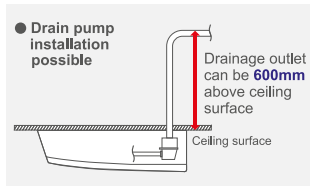
Stylish indoor unit design

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



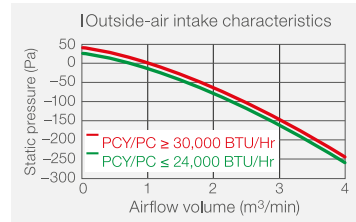
Optional drain pump for full-capacity models

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 outside-air intake

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



Flockless vanes

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

Specification

Ceiling Suspended (PC-P) Non-Inverter

| Model | Indoor | PC-P18KAK | PC-P24KAK | PC-P30KAK | PC-P36KAK | | PC-P42KAK | PC-P48KAK | |
|--------------------------------|------------------|---------------------|-------------|------------|--------------|------------|---------------------|------------|--|
| | | PU-P18VAKD | PU-P24VAKD | PU-P30VAKD | PU-P36VAKD | PU-P36YAKD | PU-P42YAKD | PU-P48YAKD | |
| Capacity (Rated) | Btu/hr | 17,400 | 22,500 | 28,300 | 35,500 | | 42,300 | 45,000 | |
| Power input | kW | 1.68 | 2.21 | 2.85 | 3.63 | 3.42 | 5.53 | 5.18 | |
| EER | w/w | 3.04 | 2.99 | 2.91 | 2.87 | 3.04 | 2.24 | 2.55 | |
| Running Current | A | 7.9 | 10.0 | 13.0 | 16.4 (V) | 5.2 (Y) | 9.1 (Y) | 8.9 (Y) | |
| Indoor Unit | | PC-P18KAK | PC-P24KAK | PC-P30KAK | PC-P36KAK | | PC-P42KAK | PC-P48KAK | |
| Power supply | V/Hz/Ph | 220-240V, 50Hz, 1ph | | | 885-1130 | | 955-1200 | | |
| Air flow | CFM | 565-775 | | | 850-1060 | | 885-1130 | | |
| Noise level (Lo-Hi) | dB (A) | 34-42 | | | 39-45 | | 40-46 | | |
| Drain Pipe (internal diameter) | mm | | | | ø26 | | | | |
| Dimension (W X D X H) | mm | 1280x680x230 | | | 1600x680x230 | | | | |
| Net weight | kg | 32 | 32 | 36 | 38 | | 39 | | |
| Outdoor Unit | | PU-P18VAKD | PU-P24VAKD | PU-P30VAKD | PU-P36VAKD | PU-P36YAKD | PU-P42YAKD | PU-P48YAKD | |
| Power supply | V/Hz/Ph | 220-240V, 50Hz, 1ph | | | 885-1130 | | 380-415V, 50Hz, 3ph | | |
| Dimension (W X D X H) | mm | 800x285x550 | 840x330x880 | | 870x295x1258 | | 970x345x1258 | | |
| Net weight | kg | 36 | 56 | 72 | 85 | | 108 | 114 | |
| Noise level | dB (A) | 51 | 54 | 55 | 54 | | | 56 | |
| Refrigerant | | R410A | | | | | | | |
| Pipe size (Outer diameter) | Gas mm | 12.70 | | | | 15.88 | | | |
| | Liquid mm | 6.35 | | | 9.52 | | | | |
| Max piping length | m | 30 | | | 40 | | 50 | | |
| Max. height difference | m | 10 | | | 30 | | | | |
| Guaranteed operating range | Upper limit (DB) | | | | 46°C | | | | |
| | Lower limit (DB) | | | | 21°C | | | | |

Testing Condition: Cooling Indoor 27° CDB, 19° CWB. Outdoor 35° CDB Refrigerant Piping length 7.5m.

* Hair Salon environment is not recommended using with compact high efficient heat exchanger design. Please contact our office for further details.

Note:

Single Phase - PU-P**VAKD

Three Phase - PU-P**YAKD

Features Summary

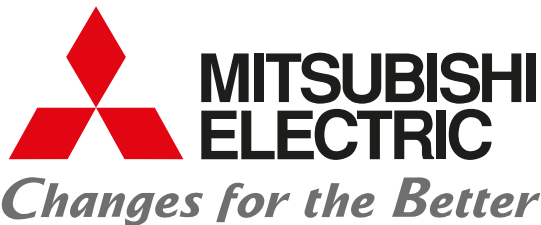
| Series | Comfort | | | | | | | | | | Installation & Maintenance | | | | | Others | Remote Controller | | | | | | | |
|----------|------------|---------------------|-----------------|---------------------------|----------------|-------------------------|-----------|-------------------------------------------------------|-------------------------|-------------------------------------|----------------------------|-----------------------------|----------------------------|-----------------|---------------------|-------------------------|-------------------------------------------------------------|-----------------------------|------------------------------|----------------------------------------------|------------------------------------------------|--------------|------------------------------------------|------------------------------------------|
| Features | Auto-swing | Smudge / Draft Free | Quiet Operation | Computerized Dehumidifier | Auto-fan Speed | Fresh Air Intake Outlet | Wide Vane | High Ceiling Mode (Up To 3.5m P18/24, 4.5m P30/36/42) | I-see Sensor (Optional) | Weekly Schedule Wired Rc (Optional) | Compact Design | Drain Water Lift (Optional) | Long Life Filter (2500hrs) | Flockless Vanes | Handy Pocket Corner | Self-diagnosis Function | Error Code & Filter Indicator (For Wired Remote Controller) | Automatic Grille (Optional) | New Direct Suspension System | System Control (Optional With M-net Adapter) | Group Operation (With Wired Remote Controller) | Auto Restart | Outdoor Unit Max. Operating Temp Of 46°C | Wireless Type (Optional For PCY-SP/PC-P) |
| PCY | • | • | • | • | • | • | | | • | • | • | | | | • | • | | • | • | • | • | • | • | • |
| PC-P | • | • | • | • | • | • | | | • | • | • | | • | | • | • | | • | • | • | • | • | • | • |

Other Air Conditioning Systems



Disclaimer: Specification subject to change without prior notice.

* Some features are only available on certain models. Kindly refer to product specification for further information. * All the image used are for illustration purpose only. * Specification and designs are subject to change without notice.



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Mitsubishi Electric Consumer Products and Mitsubishi Electric Shizuoka Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of Quality Warranties for the production of air conditioning equipment. The plant also acquired environmental management system standard ISO 14001 certification.

Authorised Dealer: