

elegance that occupies your mind,  
not your floor space!



### INDOOR



PS-3JAK(cooling Only)



PS-5JAK(cooling Only)

### OUTDOOR



PU-3VKD-S (Single-phase)



PU-5YKD-S (Three-phase)

- Slim and elegant design
- Easy to install
- Powerful and cost-effective cooling
- Guaranteed performance under extreme conditions

**38dB LO range**  
(PS-3JAK-S)

**Silent performance - Industry leader**

PS silencing performance is up to the industrial standard with silent fan motor and air outlet system and meets the needs of required environments such as living houses, meeting chambers and offices. Superior power / performance ratio (EER,COP)

**Upto standard power management**

PS is aimed at power saving and energy efficiency and can provide greater capacity of cooling with power consumption.

**Outstanding cooling**

PS utilizes efficient heat exchanger (internal thread copper pipe and hydrophilic fin), elaborate optimized refrigerant system, featured of higher cooling with lower power consumption.

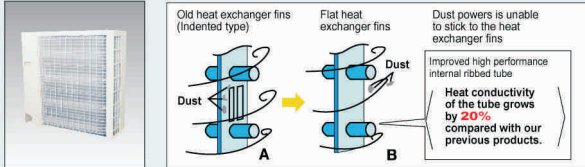
**Easy installation/maintenance**

- The outdoor heat exchanger is designed with FLAT fins and can be used in the extreme environments for a long time.

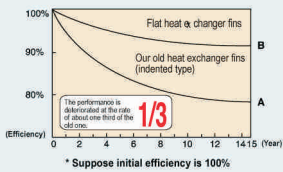
**Maintaining good and stable performance that you can rely on**

**Flat heat exchanger fins**

Outdoor heat exchanger fins can prevent deteriorated performance by keeping dusts and debris from its surface with flat design.

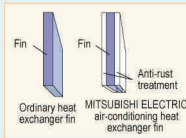


**Comparison of heat exchanger fins on year to year basis**



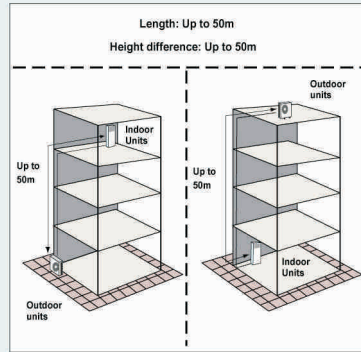
**Anti-rust heat exchanger**

**Protecting the heat exchanger from corrosion by acid rain**

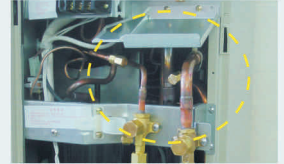


Service measures should be taken for the outdoor units in acid rain and heavily polluted atmosphere. The heat exchanger of MITSUBISHI ELECTRIC air-conditioner has superior performance of corrosion resistance with anti-rust treatment.

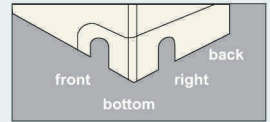
- Piping without refrigerant is 30 meters long
- The maximum piping length is 50 meters
- The maximum height difference is 50 meters



- There is a charge plug on suction end and exhaust end respectively to connect with pressure gauge and refill refrigerant and provide convenient maintenance.



- All services points are located behind an overhaul panel
- The piping saves much more installation space with four direction design.



Slip Floor-Standing Type			
Type	JAK Cooling Only		
Model	Indoor Unit	PS-3JAK-S	PS-5JAK-S
	Outdoor Unit	PU-3VKD-S/PU-3YKD-S	PU-5YKD-S
Power Supply	<V/Hz>	Single phase 220/50	Three phase 380/50
Cooling Capacity	<W>	7200	12200
Total Input	<W>	2580	4380
Running Current	Indoor Unit	0.8	1.2
	Outdoor Unit	11.3/4.1	7.7
Sound Pressure Level High/Low	Indoor Unit	43/38	52/43
	Outdoor Unit	53	56
EER		2.79	2.79
Indoor Unit Air Volume High/Low	Indoor Unit	20/14	30/25
	<m <sup>3</sup> /min>		
Dimensions WxHxD	Indoor Unit	600x1900x280	600x1900x280
	Outdoor Unit	870x850x319	970x1258x369
Weight (Net Weight)	Indoor Unit	41	47
	Outdoor Unit	75/70	93
Connecting Pipe <mm>	Liquid Pipe	9.52	9.52
	Gas Pipe	15.88	19.05

**Refrigerant Piping**

Between Indoor & Outdoor units			
	Max.height difference	Max.piping length	Pipe Size Max.piping O.D.(m m)
PS-3	(m) 50	(m) 50	Liquid : 9.52 Gas: 15.88
PS-5	50	50	Liquid : 9.52 Gas: 19.05

**High quality**



**Durability**

- The servicing life is up to 25000 hours for major components and 10 years for air
- Outdoor units' fan undergoes hot test and strong typhoon simulation test for 4000 hours and the strength of the fan blade is ensured.
- Outdoor heat exchanger fins have been specially treated with anticorrosive and the servicing life of the outdoor units is extended.



**Safety**

- The terminals for indoor and outdoor units are made of expensive flame retardant material, without deformation and combustibility
- The electrical component for outdoor unit is designed with flashing and fireproof function.
- Electrical component is up to US UL specification (The globally recognized strictest electrical component safety standard)



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Specifications are subject to change without prior notice and may vary from model to model.

Dealer's Stamp

