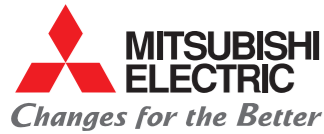


# Specifications - PFAV series

Model Name	Indoor	STANDARD MODEL				FRESH AIR INTAKE MODEL			
		PFAV-P750VM-E		PFAV-P300VM-E-F		PFAV-P600VM-E-F		PFAV-P900VM-E-F	
Operation	Outdoor	PUHY-P750YSHA-BS / PUHY-P300YHA-BS / PUHY-P400YHA-BS / DM-Y220/9KQ		PUHY-P250YHA-BS		PUHY-P500YSHA-BS / PUHY-P250YHA-BS x 2, DM-Y100/6KQ		PUHY-P750YSHA-BS / PUHY-P300YHA-BS / PUHY-P400YHA-BS / DM-Y220/9KQ	
System capacity	kW	71.0 (Maximum 80.0)	80.0 (Maximum 90.0)	28.0 (Maximum 33.5)	26.5 (Maximum 28.0)	56.0 (Maximum 67.0)	50.0 (Maximum 56.0)	80.0 (Maximum 100.0)	71.0 (Maximum 80.0)
System Power input	kW	26.33 / 27.40	23.93 / 25.00	6.73 / 6.72	7.57 / 7.56	14.69 / 15.05	15.43 / 15.79	22.54 / 22.74	21.43 / 21.63
System current	A	48.1-45.7-44.1 / 47.5-45.1-43.5	43.4-41.2-39.8 / 42.8-40.6-39.2	12.6-11.9-11.5 / 12.2-11.5-11.1	14.0-13.3-12.8 / 13.6-12.9-12.4	26.1-24.9-24.0 / 26.2-25.0-24.0	27.4-26.1-25.1 / 27.5-26.2-25.1	40.5-38.5-37.1 / 39.6-37.6-36.2	38.7-36.8-35.5 / 37.8-35.9-34.6
Power source		3-phase 4-wire 380-400-415V (50Hz / 60Hz)							
Power input	kW	4.30 / 5.37		0.37 / 0.36		0.90 / 1.26		1.77 / 1.97	
Current	A	10.9-10.4-10.0 / 10.3-9.8-9.4		1.9-1.8-1.7 / 1.5-1.4-1.3		2.9-2.8-2.8 / 3.0-2.9-2.8		5.6-5.3-5.1 / 4.7-4.4-4.2	
Fan	Type x Quantity	Sirocco fan x 1		Sirocco fan x 2		Sirocco fan x 1		Sirocco fan x 1	
Airflow rate	m <sup>3</sup> / min	260		45		90		120	
External static pressure	Pa	100 / 310		80		110 / 170		210 / 330	
Motor output	kW	7.5		1.5		2.2		3.7	
Refrigerant		R410A							
External finish		Galvanized steel plate (with polyester coating) <MUNSEL 5Y 8 / 1 or similar>							
External dimension H x W x D	mm	1860 x 1750 x 1064		1748 x 1200 x 485		1899 x 1420 x 635		1860 x 1750 x 1064	
Protection devices	Fan motor			Thermal switch					
Refrigerant piping diameter	Liquid pipe	19.05 Braze		9.52 Braze (12.7 for over 90m)		15.88 Braze		19.05 Braze	
	Gas pipe	34.93 Braze		22.2 Braze		28.58 Braze		34.93 Braze	
Refrigerant piping allowable length	m			165					
Sound pressure level	dB(A)	65		48.5		50 / 53		57	
Heat exchanger		Cross fin (Aluminum plate fin and copper tube)							
Air filter		PP Honeycomb fabric filter		Synthetic fiber unwoven cloth filter		PP Honeycomb fabric filter			
Net weight	kg	459		151		248		437	
Operating temperature range		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
		Indoor:10°CWB-25°CWB (Outdoor:-5°CDB-43°CDB)	Indoor:15°CDB-28°CDB (Outdoor:20°CWB-15.5°CWB)	Indoor:15°CWB-35°CWB (Outdoor:20°CDB-43°CDB)	Indoor:0°CDB-20°CDB (Outdoor:-4°CWB-15.5°CWB)	Indoor:15°CWB-35°CWB (Outdoor:20°CDB-43°CDB)	Indoor:0°CDB-20°CDB (Outdoor:-4°CWB-15.5°CWB)	Indoor:15°CWB-35°CWB (Outdoor:20°CDB-43°CDB)	Indoor:0°CDB-20°CDB (Outdoor:-4°CWB-15.5°CWB)

1. Cooling/Heating capacity indicates the maximum value at operation under the following conditions.  
 <Cooling> Indoor:Outdoor:33°CDB/28°CWB  
 <Heating> Indoor:Outdoor:7°CDB/3°CWB  
 Pipe length:7.5m,Level difference:0m  
 2. The sound pressure level is measured in an anechoic room.  
 3. The indoor intake air temperature should be kept more than 0°C.

4. At factory setting, the fan temporary stops in defrosting. Change DIP SW for fan to operate in defrosting.  
 5. Indoor temperature and humidity cannot be controlled with Fresh air intake type.  
 6. Works not included: Installation / foundation work, electric connection work, duct work, insulation work. The power source switch and other items are not specified in the specifications.



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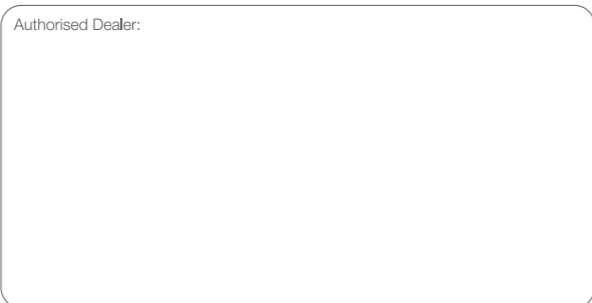
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Mitsubishi Electric Consumer Products and Mitsubishi Electric Shizuoka Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of Quality Warranties for the production of air conditioning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

Authorised Dealer:



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 Due to printing consideration, the actual colors may vary slightly from those shown inside brochure.

# MITSUBISHI ELECTRIC

## AIR CONDITIONERS



## SLIM PACKAGED Ceiling Concealed (R-410A) 19CPAC





# Product Line-Up

Btu/hr	8,530	11,942	18,000	24,000	30,000	36,000	42,000	48,000	80,000	100,000	Remote controller
<b>CEILING CONCEALED</b>	SEZ-KD25VAL	SEZ-KD35VAL	PEY-SP18JA(L)2	PEY-SP24JA(L)2	PEY-SP30JA(L)2	PEY-SP36JA(L)2	PEY-SP42JA(L)2	PEY-SP48JA(L)2	PEV-P200YM-A	PEV-P250YM-A	
<b>SEZ / PEY</b>											
<b>OUTDOOR UNITS</b>	SUZ-KA25VA2	SUZ-KA35VA2	SUY-SA18VA2	SUY-SA24VA2	SUY-SA30VA2	PUY-SP36V/YKA2	PUY-SP42V/YKA2	PUY-SP48V/YKA2	PUV-P200YM-A	PUV-P250YM-A	

Btu/hr	18,000	24,000	30,000	36,000	42,000	48,000	Remote controller
<b>CEILING CONCEALED</b>	PE-P18JAK	PE-P24JAK	PE-P30JAK	PE-P36JAK	PE-P42JAK	PE-P48JAK	
<b>PE-P SERIES</b>							
<b>OUTDOOR UNITS</b>	PU-P18VAKD	PU-P24VAKD	PU-P30VAKD	PU-P36V/YAKD	PU-P42YAKD	PU-P48YAKD	

Btu/hr	80,000	100,000	160,000	191,000	242,252
<b>FLOOR STANDING</b>					
<b>Indoor unit</b>	PFV-P200YM-A	PFV-P250YM-A	PFV-P400YM-A	PFV-P500YM-A	PFV-P750VM-E
<b>Outdoor unit</b>	PUV-P200YM-A	PUV-P250YM-A	PUV-P400YM-A	PUV-P500YM-A	PUHY-P350/400YHA

Btu/hr	95,536	191,072	292,960
<b>FLOOR STANDING</b>			
<b>Indoor unit (Fresh air intake model)</b>	PFAV-P300VM-E-F	PFAV-P600VM-E-F	PFAV-P900VM-E-F
<b>Outdoor unit</b>	PUHY-P250YHA	PUHY-P250YHA x 2	PUHY-P350/400YHA

## Other Air Conditioning Systems

RAC - Wall Mounted, Outdoor Unit	SPAC - Ceiling Cassette, Ceiling Suspended	VRF System
		

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

# Specifications - PFV series

Model name	Indoor	PFV-P200YM-A	PFV-P250YM-A	PFV-P400YM-A	PFV-P500YM-A	
System capacity	Cooling *1	BTU/h 80,000	100,000	160,000	191,000	
		kW 23.5	29.3	46.9	56.0	
System Power input	Cooling *2	BTU/h 79,000	99,000	158,000	188,000	
		kW 23.2	28.9	46.3	55.1	
System current	Cooling	kW 9.03	11.76	18.14	20.53	
Energy efficiency ratio (EER)	Cooling	A 15.2/14.5/14.1	19.7/18.8/18.2	31.6/30.0/29.0	35.9/34.1/32.9	
CSPF *5		2.60	2.49	2.58	2.72	
Power source		3.8	3.8	3.7	3.5	
Power input		3-phase 4-wire 380-400-415V (50Hz)				
Current	kW	0.74	0.81	1.64	2.35	
	A	1.3/1.3/1.3	1.3/1.3/1.3	3.8/3.6/3.5	5.3/5.0/4.8	
FAN	Type x Quantity	Sirocco fanx2				
	Airflow rate (Lo-Hi)	m³/min	52-65	58-71	150	200
	External static pressure	Pa	(Plenum)	(Plenum)	30	
	Motor output	kW	0.75		2.2	3.7
Refrigerant		R410A				
External finish		Galvanized steel plate (with polyester coating) MUNSELL 3.0Y 7.8/1.1 or similar				
External dimension H x W x D	mm	1800x1200x500		1800x1860x650		
Protection devices	FAN	Over current protection				
Refrigerant piping diameter	Liquid pipe	mm	9.52 Brazed		15.88 Brazed	
	Gas pipe	mm	22.2 Brazed		28.58 Brazed	
Refrigerant piping allowable length	m	70				
Sound pressure level (Lo-Hi) *3	dB(A)	53-59	57-61	63	66	
Heat exchanger		Cross fin (aluminum plate fin and copper tube)				
Air filter		PP Honeycomb fabric filter				
Net weight	kg	164	165	297	352	
Operating temperature range	Cooling	Indoor : 15 to 24°CWB (Outdoor : 20 to 52°CDB)				
Model name	Outdoor	PUV-P200YM-A (-BS)	PUV-P250YM-A (-BS)	PUV-P400YM-A (-BS)	PUV-P500YM-A (-BS)	
Power source		3-phase 4-wire 380-400-415V 50/60Hz				
Sound pressure level (measured in anechoic room)	dB(A)	56	58	62	65	
Refrigerant piping diameter	Liquid pipe	mm (in)	9.52 (3/8) 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	
Refrigerant piping diameter	Type x Quantity	Propeller fanx1		Propeller fanx1		Propeller fanx2
	Airflow rate	m³/min	170		200	
Control, Driving mechanism	L/s	2,834		3,334		5,668
	cfm	6,003		7,062		12,005
Motor output	kW	0.92x1		0.92x1		0.92x2
External static pressure		0Pa (0mmH <sub>2</sub> O)		0Pa (0mmH <sub>2</sub> O)		
Type x Quantity		Inverter scroll hermetic compressor				
Manufacture		MITSUBISHI ELECTRIC CORPORATION				
Starting method		Inverter				
Motor output	kW	5.4	7.0	11.7	12.9	
Case heater	kW	0.045		-		
Lubricant		MEL56		MEL32		
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3.0Y 7.8/1.1 or similar>				
External dimension H x W x D	mm	1650x920x740		1650x1220x740		1650x1750x740
	in	64-31/32x36-1/4x29-5/32		64-31/32x48-1/16x29-5/32		64-31/32x68-29/32x29-5/32
Protection devices	High pressure protection	High pres. Sensor & High pres. Switch at 4.15MPa (601psi)				
	Inverter circuit (COMP. / FAN)	Over-heat protection, Over-current protection				
Refrigerant	Compressor	Over-heat protection				
	Fan motor	Thermal switch				
Type x original charge		R410Ax5.5kg (13lbs)	R410Ax6.5kg (15lbs)	R410Ax11.5kg (26lbs)	R410Ax11.8kg (27lbs)	
Control		LEV and HIC circuit				
Net weight	kg	180	193	239	306	
Heat exchanger		Salt-resistant cross fin & copper tube				

Note 1. Cooling capacity indicates the value at operation under the following conditions.

Indoor : 27°CDB / 19.5°CWB, Outdoor : 35°CDB

2. <Reference cooling capacity> Indicates the value at operation under the following conditions.

Indoor : 27°CDB / 19°CWB, Outdoor : 35°CDB

3. The sound pressure level is measured in an anechoic room.

4. Long period operation in a high temperature and humidity atmosphere (dew point of 23°C or more) may cause condensation to form in the indoor unit.

5. Cooling Seasonal Performance Factor

Disclaimer: Specification subject to change without prior notice.

# Specifications - PEV series

Model name	Indoor		PEV-P200YM-A	PEV-P250YM-A
System capacity	Cooling *1	BTU/h	80,000	100,000
		kW	23.5	29.3
System Power input	Cooling *2	BTU/h	79,000	99,000
		kW	23.2	28.9
System current	Cooling	kW	9.49	13.74
Energy efficiency ratio (EER)	Cooling	A	16.0/15.2/14.7	23.3/22.1/21.4
CSPF *5			2.47	2.13
Power source			3-phase 4-wire 380-400-415V (50Hz)	
Power input		kW	1.02	1.12
Current		A	1.8/1.7/1.7	2.0/1.9/1.9
FAN	Type x Quantity		Sirocco fan x2	
	Airflow rate (Lo-Hi)	m³/min	52-65	56-71
	External static pressure	Pa	80	100
	Motor output	kW	0.50	0.72
Refrigerant			R410A	
External finish			Galvanized steel	
External dimension H x W x D		mm	400x1600x634	
Protection devices		FAN	Over current protection	
Refrigerant piping diameter	Liquid pipe	mm	9.52 Brazed	
	Gas pipe	mm	22.2 Brazed	
Refrigerant piping allowable length		m	70	
Sound pressure level (Lo-Hi) *3		dB(A)	45-49	46-50
Heat exchanger			Cross fin (aluminum plate fin and copper tube)	
Air filter			Optional	
Net weight		kg	74	
Operating temperature range	Cooling		Indoor : 15 to 24°CWB (Outdoor : 20 to 52°CDB)	
Model name	Outdoor		PUV-P200YM-A (-BS)	PUV-P250YM-A (-BS)
Power source			3-phase 4-wire 380-400-415V 50/60Hz	
Sound pressure level (measured in anechoic room)		dB(A)	56	58
Refrigerant piping diameter	Liquid pipe	mm (in)	9.52 (3/8) Brazed	
	Gas pipe	mm (in)	22.2 (7/8) Brazed	
Refrigerant piping diameter	Type x Quantity		Propeller fan x1	
	Airflow rate	m³/min	170	
		L/s	2,834	
		cfm	6,003	
Control, Driving mechanism			Inverter-control, Direct-driven by motor	
Motor output		kW	0.92x1	
External static pressure			0Pa (0mmH <sub>2</sub> O)	
Type x Quantity			Inverter scroll hermetic compressor	
Manufacture			MITSUBISHI ELECTRIC CORPORATION	
Starting method			Inverter	
Motor output		kW	5.4	7.5
Case heater		kW	0.045	
Lubricant			MEL56	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3.0Y 7.8/1 1 or similar>	
External dimension H x W x D		mm	1650x920x740	
		in	64-31/32x36-1/4x29-5/32	
Protection devices	High pressure protection		High pres. Sensor & High pres. Switch at 4.15MPa (601psi)	
	Inverter circuit (COMP. / FAN)		Over-heat protection, Over-current protection	
	Compressor		Over-heat protection	
	Fan motor		Thermal switch	
Refrigerant	Type x original charge		R410A x 5.5kg (13lbs)	R410A x 6.5kg (15lbs)
Net weight	Control		LEV and HIC circuit	
Heat exchanger		kg	180	193
			Salt-resistant cross fin & copper tube	

- Note 1. Cooling capacity indicates the value at operation under the following conditions.  
Indoor : 27°CDB / 19.5°CWB, Outdoor : 35°CDB
2. <Reference cooling capacity> Indicates the value at operation under the following conditions.  
Indoor : 27°CDB / 19°CWB, Outdoor : 35°CDB
3. The sound pressure level is measured in an anechoic room.
4. Long period operation in a high temperature and humidity atmosphere (dew point of 23°C or more) may cause condensation to form in the indoor unit.
5. Cooling Seasonal Performance Factor

# Product Feature

## COMPACT CEILING-CONCEALED

SEZ-KD SERIES  
SEZ-KD25/35VA



## CEILING-CONCEALED

PEY SERIES (INVERTER)  
PEY-SP18/24/30/36/42/48JA(L)2  
Note: PEY-SP\*\*JA2 - Wired R.C  
PEY-SP\*\*JAL2 - Wireless R.C



PE-P SERIES (NON-INVERTER)  
PE-P18/24/30/36/42/48JAK



## Compact Indoor Units

For all models, unit height are unified to 250mm. Compared to the previous model, the height size is reduced, allowing installation in tight spaces, such as ceiling cavities or drop-ceilings.



## Computerized dehumidification

The electronic dehumidifier mode - where fan speed is controlled precisely - increase dehumidification volume while improving dehumidifying efficiency.

## Compact design

The 200mm-high indoor unit saves installation space

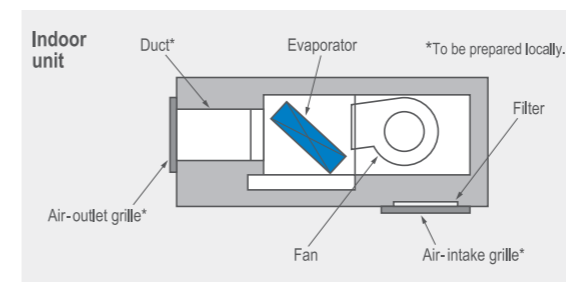
## Simple installation and maintenance

The SEZ Series offers the choice of positioning the air intake grille at the rear or bottom of the unit. In addition, wiring and piping connections are simple and there is no need for expensive duct work.

## Quiet operation

Comfortable, quiet operating noise levels of 22dB\* and 46dB are realized for the indoor and outdoor units, respectively.  
\*On low level.

## Equipped with forward-curved, direct drive centrifugal fan & two-speed motor



## Wider Selection of Fan Speed and Static Pressure Level

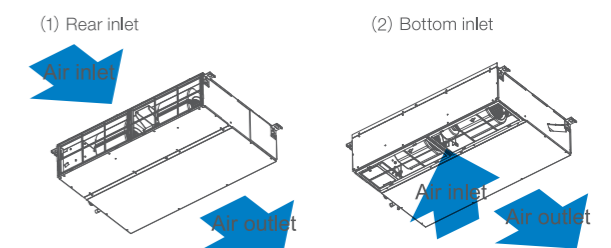
Three fan speeds (Low-Mid-High) and four static pressure levels (5-15-35-50 Pa) are available by using the DC fan motor to meet various applications needs.

	External Static Pressure
SEZ-KC25VA	5 Pa
SEZ-KA35VA	30/50 Pa
SEZ-KD25-35VA	5/15/35/50 Pa

Disclaimer: Feature of individual models please refer feature summary table.

## Air Inlet

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



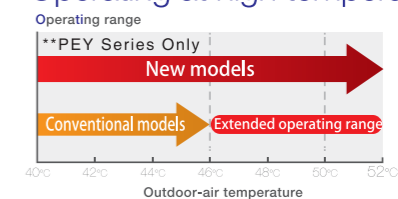
## Wide Selection of Fan Speeds and External Static Pressure

Five-stage external static pressure conversions and three fan speed selections are available. Capable of being set to a maximum of 125Pa, units are applicable to a wide range of building types.

### External static pressure setting

Series	18	24	30	36	42	48
PEY-SP-JA(L)2	35/50/70/100/125Pa					
PE-P-JAK	30/50Pa		30/50/70Pa			

## Operating at high temperatures (52°C)



# Specifications

## Ceiling Concealed (SEZ-KD / PEY-SP) (Inverter)

Model	Indoor	SEZ-KD25VAL	SEZ-KD35VAL	PEY-SP18JA(L)2	PEY-SP24JA(L)2	PEY-SP30JA(L)2
	Outdoor	SUZ-KA25VA6	SUZ-KA35VA6	SUY-SA18VA2	SUY-SA24VA2	SUY-SA30VA2
Cooling Capacity Range	Btu/hr	3,070-10,910	3,410-13,300	9,553-18,084	9,895-24,225	12,966-30,026
Capacity (Rated)	Btu/hr	8,500	11,900	18,000	24,000	30,000
Power input	kW	0.75	1.03	1.72	2.16	2.90
EER	w/w	3.33	3.39	3.08	3.28	3.03
Running Current	A	3.44	5.01	7.9	10.0	13.3
Power supply	V/Hz/Ph	220-240V, 50Hz, 1ph				
Indoor Unit		SEZ-KD25VAL	SEZ-KD35VAL	PEY-SP18JA(L)2	PEY-SP24JA(L)2	PEY-SP30JA(L)2
Air Flow	cfm	194-247-317	247-317-388	425-510-600	620-740-885	850-1025-1200
External Static Pressure	Pa	5-15-35-50		35-50-70-100-125		
Noise level (Lo-Hi)	dB (A)	23-26-30	23-28-33	30-35-39	30-34-39	33-38-42
Drain Pipe (outer diameter)	mm	Ø32				
Dimension ( W X D X H )	mm	790x700x200	990x700x200	900x732x250	1100x732x250	1400x732x250
Net weight	kg	18	21	27	29	38
Outdoor Unit		SUZ-KA25VA6	SUZ-KA35VA6	SUY-SA18VA2	SUY-SA24VA2	SUY-SA30VA2
Power supply		1phase 220-240V 50Hz				
Refrigerant (R410A) control		Linear expansion valve				
Noise level		47	49	47	52	54
Dimensions	mm	800 x 285 x 550		800 x 285 x 550	840 x 330 x 880	
Weight	kg	30	35	32	48	46
Max. height difference	m	12		12	15	
Max. piping length	m	20		20	30	
Pipe size (outer diameter)	mm	Liquid: 6.35 Gas: 9.52		Liquid: 6.35 Gas: 12.7	Liquid: 9.52 Gas: 15.88	
Chargeless piping length	m	7				
Guaranteed operating range	Upper limit (DB)	46		52		
	Lower limit (DB)	-10		18		

Note: Single Phase - SUZ-KA\*\*VA6, SUY-SA\*\*VA2, PUY-SP\*\*VKA2  
Three Phase - PUY-SP\*\*YKA2

## Ceiling Concealed (SEZ-KD / PEY-SP) (Inverter)

Model	Indoor	PEY-SP36JA(L)2		PEY-SP42JA(L)2		PEY-SP48JA(L)2	
	Outdoor	PUY-SP36VKA2	PUY-SP36YKA2	PUY-SP42VKA2	PUY-SP42YKA2	PUY-SP48VKA2	PUY-SP48YKA2
Cooling Capacity Range	Btu/hr	13,648-36,167		20,813-42,104		23,884-48,109	
Capacity (Rated)	Btu/hr	36,000		42,000		48,000	
Power input	kW	3.65		4.59		5.73	
EER	w/w	2.90		2.67		2.46	
Running Current	A	17.0 (V)	6.5 (Y)	21 (V)	7.5 (Y)	26.0 (V)	9.2 (Y)
Power supply	V/Hz/Ph	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		PEY-SP36JA(L)2		PEY-SP42JA(L)2		PEY-SP48JA(L)2	
Air Flow	cfm	1040-1255-148					
External Static Pressure	Pa	35-50-70-100-125					
Noise level (Lo-Hi)	dB (A)	36-40-44					
Drain Pipe (outer diameter)	mm	Ø32					
Dimension ( W X D X H )	mm	1400x732x250					
Net weight	kg	39					
Outdoor Unit		PUY-SP36VKA2	PUY-SP36YKA2	PUY-SP42VKA2	PUY-SP42YKA2	PUY-SP48VKA2	PUY-SP48YKA2
Power supply		1ph 220-240V 50Hz	3ph 380-415V 50Hz	1ph 220-240V 50Hz	3ph 380-415V 50Hz	1ph 220-240V 50Hz	3ph 380-415V 50Hz
Refrigerant (R410A) control		Linear Expansion Valve					
Noise level		52		53		56	
Dimensions ( W X D X H )	mm	1,050 x 330 x 981					
Weight	kg	64	65	72	73	72	73
Max. height difference	m	30					
Max. piping length	m	50					
Pipe size (outer diameter)	mm	Liquid: 9.52 Gas: 15.88					
Chargeless piping length	m	10					
Guaranteed operating range	Upper limit (DB)	52					
	Lower limit (DB)	18					

Note: Single Phase - SUZ-KA\*\*VA6, SUY-SA\*\*VA2, PUY-SP\*\*VKA2  
Three Phase - PUY-SP\*\*YKA2

Testing Condition: Cooling Indoor 27° CDB, 19° CDB. Outdoor 35° CDB Refrigerant Piping length 7.5m.  
The sound pressure measurement is conducted in an anechoic chamber under the test conditions of Japanese Industrial Standards.  
The actual sound level depends on the design and appropriate set up of duct work, distance from the unit and acoustic environment.  
\* Hair Salon environment is not recommended using with compact high efficient heat exchanger design. Please contact our office for further details.

# Specifications

## Ceiling Concealed (PE-P) (Non-Inverter)

Model	Indoor	PE-P18JAK	PE-P24JAK	PE-P30JAK	PE-P36JAK		PE-P42JAK	PE-P48JAK	
	Outdoor	PU-P18VAKD	PU-P24VAKD	PU-P30VAKD	PU-P36VAKD	PU-P36YAKD	PU-P42YAKD	PU-P48YAKD	
Capacity (Rated)	Btu/hr	17,400	21,500	28,300	35,500		42,300	46,000	
Power input	kW	1.74	2.22	2.91	3.70	3.52	5.64	5.44	
EER	w/w	2.93	2.84	2.85	2.81	2.95	2.20	2.48	
Running Current	A	8.3	10.4	13.7	17.0 (V)	5.4 (Y)	9.5 (V)	9.3 (Y)	
Indoor Unit		PE-P18JAK	PE-P24JAK	PE-P30JAK	PE-P36JAK		PE-P42JAK	PE-P48JAK	
Power Supply	V/Hz/Ph	200-240V, 50Hz, 1ph							
Air Flow	cfm	618-953		847-1200	847-1200		988-1482		
External Static Pressure	Pa	30-50		30-50-70					
Noise level (Lo-Hi)	dB (A)	30-38		34-42	34-42		36-44		
Drain Pipe (outer diameter)	mm	Ø32							
Dimension ( W X D X H )	mm	1100x732x250			1400x732x250				
Net weight	kg	29		38	38		38		
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				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 (Lo-Hi)	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		15	30		30		
Guaranteed Operating Range	Upper Limit (DB)					46°C			
	Lower Limit (DB)					21°C			

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

The sound pressure measurement is conducted in an anechoic chamber under the test conditions of Japanese Industrial Standards.  
The actual sound level depends on the design and appropriate set up of duct work, distance from the unit and acoustic environment.

Measured with a 2.0m Air outlet duct and 1.0m Air inlet duct attached measured point 1.5m. Below the unit

\* 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	Quiet Operation	Weekly Schedule Timer Wired RC (Optional)	Compact Design (250mm - Height)	Drain Water Lift (Optional)	Self-Diagnosis Function	Error Code & Filter Indicator (For Wired R.C)	Smooth Installation	System Control (Optional with M-Net Adapter)	Group Operation (with Wired Remote Controller)	Auto-Restart	Outdoor Unit max. Operating temp of 46°C	Wired Type (Optional)
SEZ	●	●	●	●	●	●	●	●	●	●	●	
PEY-P	●	●	●	●	●	●	●	●	●	●	●	
PE-P	●	●	●	●	●	●	●	●	●	●	●	

## Other Air Conditioning Systems



Disclaimer: Specification subject to change without prior notice.