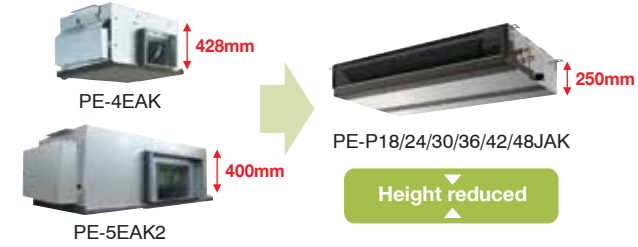


### Ceiling concealed (PE-P Series)

The thin, ceiling-concealed indoor units of the PE-P series are the perfect answer for the air-conditioning requirements of buildings with minimum ceiling installation space and wide-ranging external static pressure.

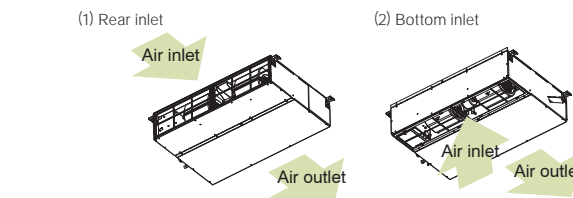
### Compact Indoor Units

The unit height is unified to 250mm for all models. Compared to the previous models, the height has been reduced, allowing easy installation in tight spaces such as ceiling cavities or drop-ceilings.

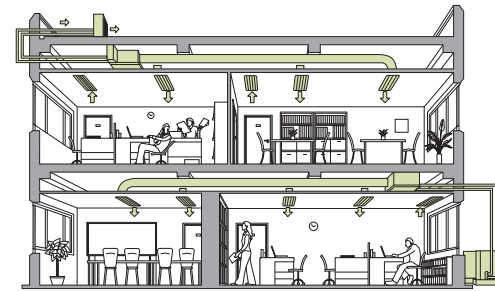


### Air Inlet

Units with bottom inlets make more noise than those with rear inlets. It is recommended that the rear inlet be selected when installing a unit in a room that has to be quiet, such as a bedroom.



Flexible duct design



### External static pressure setting

Series	18	24	30	36	42	48
PE-P-JAK	30/50Pa		30/50/70Pa			

### Wide Selection of External Static Pressure

Three-stage external static pressure conversions are available. Capable of being set to a maximum of 70Pa, these units are appropriate for a wide range of building types.

### Features at a glance

Installation & Maintenance	Comfort	Others
• Chargeless system	• Computerized dehumidifier	• System control
• Smooth installation	• Quiet operation	• Auto restart
• Self-diagnostic function		• Outdoor unit max. operating temp. of 46°C

### Specifications

Models		PE-P18JAK	PE-P24JAK	PE-P30JAK	PE-P36JAK	PE-P42JAK	PE-P48JAK
Cooling capacity	kW	5.1	6.3	8.3	10.4	12.4	13.5
Cooling capacity	BTU/h	17,400	21,500	28,300	35,500	42,300	46,000
Total input	kW	1.74	2.22	2.91	3.52	5.64	5.44
EER	W/W	2.93	2.84	2.85	2.95	2.2	2.48
Power supply		1ph 220-240V 50Hz		3ph 380-415V 50Hz			
External finish		Galvanized sheets		Munsell 3.0Y 7.8/1.1			
Airflow (low-high)	CMM	17.5-27	17.5-27	24-34	24-34	29-42	29-42
	CFM	618-953	618-953	847-1,200	847-1,200	988-1,482	988-1,482
External static pressure*	Pa	30-50	30-50	30-50-70	30-50-70	30-50-70	30-50-70
Operation control		Remote control		Remote control			
Noise level (low-high)	dB (A)	30-38	30-38	34-45	34-45	36-45	36-45
Unit drain pipe	mm	O.D. 32	O.D. 32	O.D. 32	O.D. 32	O.D. 32	O.D. 32
Dimensions	W mm	1,100	1,100	1,400	1,400	1,400	1,400
	D mm	732	732	732	732	732	732
	H mm	250	250	250	250	250	250
Weight	kg	29	29	38	38	38	38
Model name		PU-P18VAKD	PU-P24VAKD	PU-P30VAKD	PU-P36VAKD	PU-P42VAKD	PU-P48VAKD
Power supply		1ph 220-240V 50Hz		3ph 380-415V 50Hz			
External finish		Munsell 3.0Y 7.8/1.1		Munsell 3.0Y 7.8/1.1			
Refrigerant		R410A					
Airflow	CMM (CFM)	31(109.5)	53(187.1)	50(176.5)	95(335.0)	100(353.0)	90(3,180)
Noise level	dB (A)	51	54	55	54	56	56
Dimensions	W mm	800	840	840	870	970	970
	D mm	285	330	330	295	345	345
	H mm	550	880	880	1258	1258	1258
Weight	kg	36	56	72	85	108	114
Max. height difference	m	10		15	30		30
Max. piping length	m	24		40		50	
Pipe size (outer diameter)	mm	Liquid: 6.35 Gas: 12.7	Liquid: 6.35 Gas: 15.88	Liquid: 9.52 Gas: 15.88	Liquid: 9.52 Gas: 15.88		
Guaranteed Operating Range	Upper limit (DB)	45		45			
	Lower limit (DB)	21		21			

\* Rating conditions Cooling - Indoor: 27°F (80°F) DB, 19°F (66°F) WB, Outdoor: 35°F (95°F) DB  
 • Refrigerant piping length (one-way): 7.5m(25ft)  
 • Specifications subject to change without notice.  
 New Publication effective from February, 2017

### MITSUBISHI ELECTRIC INDIA PVT. LTD.

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### TECHNICAL CENTRES:

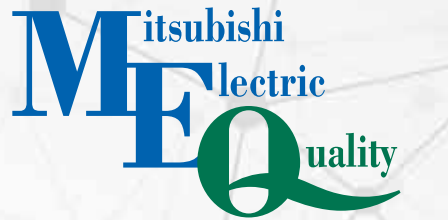
**Bengaluru:** 080-40201600; **Chennai:** 044-49232222; **Delhi:** 011-66057900; **Mumbai:** 022-66116200

**Tel. No.:** (Main): 0124-6739300 Fax: 0124-4630399

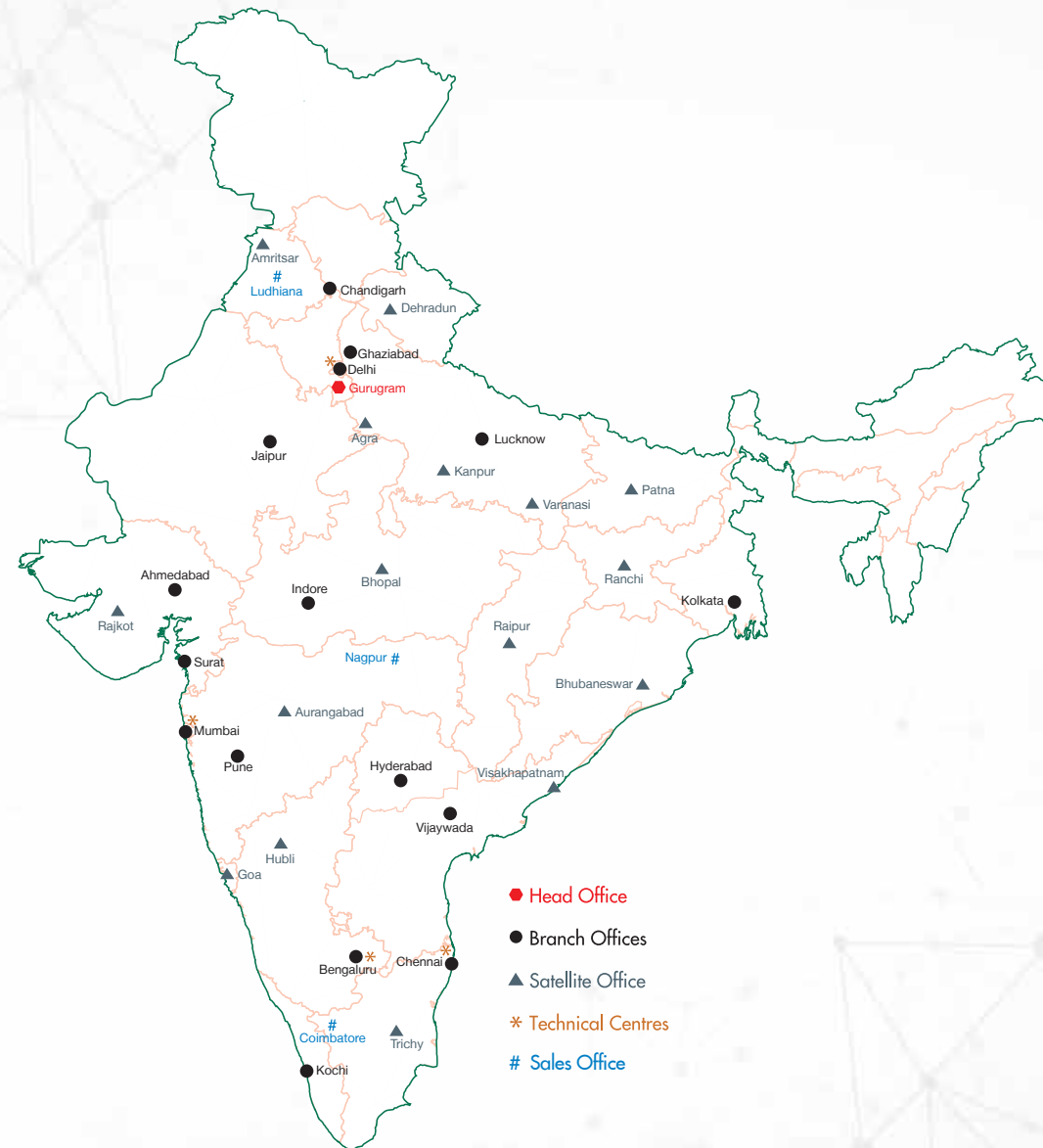
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Changes for the Better

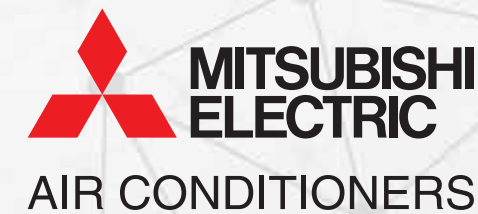


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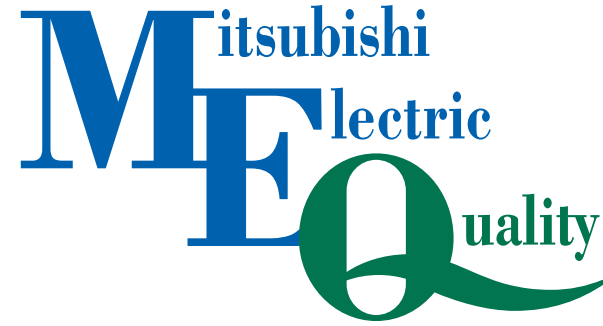


\* For E-waste Collection & Disposal process: Customer can get complete details of company process on collection, disposal of e-waste product (i.e. 'Mitsubishi Electric' make Air Conditioner / Printers) and incentive / exchange scheme for returning of e-waste on Company website (www.mitsubishielectric.in) and / or Toll free number 1800 102 2626.



for a greener tomorrow

## The MEQ Difference



Simply meeting industry standards, however stringent, is not enough. Our aim is to exceed them. When it comes to comfort, efficiency and durability, Mitsubishi Electric offers you a distinctive advantage. We call it MEQ — Mitsubishi Electric Quality. It results in benchmark leading-edge products like our air conditioners, which consume minimal power, protect your investment through a long service life, offer superior reliability and are built to take the punishment of extreme weather conditions year in and year out.

### Mitsubishi Electric Offers Three Important Advantages

#### Comfort

Clean air, optimum temperature distribution and silent operation...

#### Efficiency

Optimum performance and energy savings...

#### Durability

Rugged construction, rigorous testing, long-lasting operation...

### One of the world's most advanced ACs. Now in India



### A sophisticated design that matches a variety of rooms and a high level of convenience enhancing your quality of life are combined in this compact, multi-functional indoor unit.

#### Wide Airflow

Wide-angle outlets distribute airflow to all corners of the room, ensuring the room is sufficiently cooled/heated. Horizontal airflow and a fan speed reduced by 20% compared to conventional models also contribute to increased comfort for occupants.



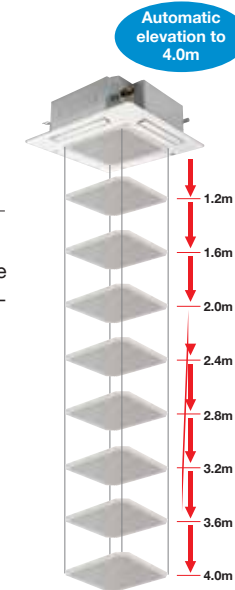
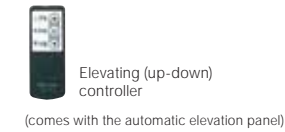
#### Automatic Air-speed Adjustment

An automatic air-speed adjustment mode is provided in addition to the four air-speed stages, of High, Medium 1, Medium 2, and Low. Air speed can be changed freely according to the difference between set temperature and room temperature. The automatic air-speed adjustment mode offers quick cooling of a room in High mode, such as when starting cooling operation. After the room temperature is stabilized, the system switches to Low mode automatically to maintain comfort.



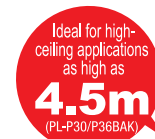
#### Automatic Grille Lowering Function (Optional)

**Easy to use/Simple maintenance**  
An automatic grille lowering function capable of stopping at eight different heights is available to simplify filter maintenance.



#### Wide-flow Air Outlet

The high-power ceiling cassettes offer a wide-flow air outlet that enables effective air conditioning of rooms with atrium ceilings up to 4.5m in height. The demands of high-ceiling applications such as halls, showrooms or shopping malls can now be fully answered thanks to this powerful, yet highly efficient airflow.



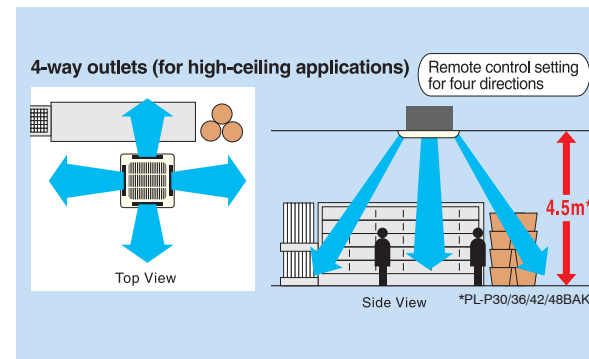
#### ■ Specification according to ceiling height

4-way	PL-P18/24BAK			PL-P30/P36/P42/48BAK		
	Low ceiling*	Standard	High ceiling	Low ceiling*	Standard	High ceiling
	2.5	2.7	3.5	2.7	3.2	4.5

#### Vane Control

**For Shopping Malls** Wide airflow coverage down to the floor even in expansive spaces like large factory-outlet centers or shopping malls with high ceilings.

The unique airflow design of the powerful ceiling-cassette models reduces pressure loss and provides wide cool-air coverage from high ceilings to the floor even in expansive spaces like shopping malls with ceilings over 4m in height.



#### Energy-efficient Control

- Weekly Timer
- Auto-off Timer
- Operation Lock
- Temperature Range Restriction

#### Air conditioner operation restricted to a specified operating range

Set the upper and lower limits for the temperature range during operation. Excessive cooling is prevented, leading to increased energy savings.

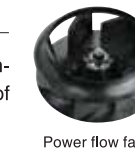
#### Unit Height of Only 258mm (PL-P18/24BAK)

Ceiling cassette models boast a slim body height for smooth and aesthetic installation, even in narrow spaces.



#### Quiet Operation

An improved airflow path and powerful high-capacity flow fan contribute to the realisation of quieter operation.

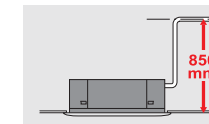


#### Other Features

- Automatic Vane Shutter
- Wireless remote controller available
- Automatic Grille Lowering Function (Optional)
- i-see Sensor (Optional Corner Panel)

#### Drain Water Lifting Mechanism

A high-performance drain pump on the drain water lifting mechanism allows the drain water pipe to be routed as high as 850mm from the ceiling surface.



#### Handy Corner Pocket Design Simplifies Maintenance

By using the handy pockets equipped on the four corners of the grille, maintenance work such as drain pan cleaning and height adjustments can be accomplished without removing the grille.



#### Bacteria- and Mold-resistant Specifications

Mitsubishi Electric filters are bacteria-resistant, and the drain pans are designed to prevent the growth of mold for fresh and pleasant air conditioning at all times.

## Specifications

Models		PL-P18BAK	PL-P24BAK	PL-P30BAK	PL-P36BAK	PL-P42BAK	PL-P48BAK
Cooling Capacity*1	kW	5.1	6.6	8.3	10.4	12.4	13.2
	BTU/h	17,400	22,500	28,300	35,500	42,300	45,000
Total Input*2	kW	1.67	2.17	2.83	3.37	5.54	5.25
	W/W	3.05	3.04	2.93	3.59	2.24	2.51
Indoor unit	Power Supply	1ph 220-240V 50Hz			1ph 220-240V 50Hz		
	External Finish	Munsell 6.4Y 8.9/0			Munsell 6.4Y 8.9/0.4		
	Airflow (low-mid2-mid1-high)	CMM	14-16-18-20	19-22-25-28	20-24-27-30	24-26-29-32	
		CFM	495-565-635-705	670-780-885-990	705-850-955-1060	850-920-1025-1130	850-920-1025-1130
	External Static Pressure	Pa	0 (directblow)			0 (directblow)	
	Operation Control	Wireless Remote control			Wireless Remote control		
	Noise Level (low-mid2-mid1-high)	dB (A)	28-30-33-35		32-36-39-42	33-37-40-43	38-40-42-45
	Unit Drain Pipe (Outer Diameter)	mm	O.D.32				
	Dimensions (Panel)	W	840 (950)			840 (950)	840 (950)
		D	840 (950)				
H		258 (35)		298 (35)		298 (35)	
Weight (panel)	kg	23 (6)		25 (6)		27 (6)	
Outdoor unit	Model name	PU-P18VAKD	PU-P24VAKD	PU-P30VAKD	PU-P36YAKD	PU-P42YAKD	PU-P48YAKD
	Power supply	1ph 220-240V 50Hz			3ph 380-415V 50Hz		
	External finish	Munsell 3.0Y 7.8/1.1			Munsell 3.0Y 7.8/1.1		
	Refrigerant	R410A			R410A		
	Airflow	CMM (CFM)	31(1095)	53(1871)	50(1765)	95(3350)	100(3530)
	Noise level	dB (A)	51	54	55	54	56
		W	840				
		D	285				
	Dimensions	H	550				
		Weight	kg	36	56	72	85
Max. height difference		m	10		15	30	30
Max. piping length	m	30			40	50	
Pipe size (outer diameter)	mm	Liquid: 6.35, Gas: 12.7	Liquid: 6.35, Gas: 15.88	Liquid: 9.52, Gas: 15.88	Liquid: 9.52, Gas: 15.88	Liquid: 9.52, Gas: 15.88	Liquid: 9.52, Gas: 15.88
Guaranteed Operating Range	Upper limit(DB)	46			45		
	Lower limit(DB)	21			20		
BEE Star Rating	★☆☆☆☆			★☆☆☆☆		—	

\*1 Rating conditions Colling-Indoor: 27°C (80°F) DB, 19°C (66°F) WB, Outdoor: 35°C(95°F) DB  
Refrigerant piping length (one-way): 7.5m (25ft)

\*2 Total input based on the indicated voltage (indoor/outdoor): 1ph 230v 50Hz / 3ph 400v 50Hz

