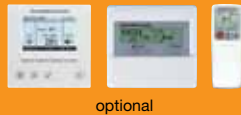


PEAD SERIES

NEW



PEAD-RP71/100/125/140JAA



optional

The thin, ceiling-concealed indoor units of the PEAD series are the perfect answer for the air conditioning requirements of buildings with minimum ceiling installation space and wide-ranging external static pressure. Energy-saving efficiency has been improved, thereby reducing electricity consumption and contributing to a further reduction in operating cost.

Compact Indoor Units

The height of the PEAD (7.1kW-14.0kW) models has been unified to 250mm. Compared to the previous PEA-RP models, the height has been reduced by as much as 178mm, making installation possible in low ceilings with minimal clearance space.



Lighter Weight

Compared to the previous PEA-RP•EAQ (7.1kW-14.0kW) models, unit weight has been reduced by an average of 27kg. This significant weight reduction has led to increased ease of installation.

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.

High Energy-Saving Efficiency

Compared to the previous PEA-RP•EAQ (7.1kW-14.0kW) models, PEAD-RP models achieve enhanced energy savings through adopting a highly efficient DC fan motor. This contributes to an impressive reduction in electricity costs.

Capacity	Rated EER/COP	PEA-RP	PEAD-RP	
7.1kW	Rated EER	2.86	3.50	< 22% UP
	Rated COP	3.35	4.00	< 19% UP
10.0kW	Rated EER	3.28	3.61	< 10% UP
	Rated COP	3.54	4.12	< 16% UP
12.5kW	Rated EER	2.95	3.33	< 13% UP
	Rated COP	3.64	4.00	< 10% UP
14.0kW	Rated EER	2.90	3.32	< 14% UP
	Rated COP	3.74	3.96	< 6% UP

Specifications: Ceiling-concealed (PEAD)													
Indoor unit		PEAD-RP71JAA		PEAD-RP71JAA		PEAD-RP100JAA		PEAD-RP125JAA		PEAD-RP140JAA			
Outdoor unit		SUZ-KA71VA3		PUHZ-RP71VHA5		PUHZ-RP100V/YKA2		PUHZ-RP125V/YKA2		PUHZ-RP140V/YKA2			
Function		Cooling		Heating		Cooling		Heating		Cooling		Heating	
Capacity (min.-max.)	(kW)	7.1 (0.9-8.1)	8.0 (0.9-10.2)	7.1 (3.3-8.1)	8.0 (3.5-10.2)	10.0 (4.9-11.4)	11.2 (4.5-14.0)	12.0 (5.5-14.0)	14.0 (5.0-16.0)	13.0 (6.2-15.3)	16.0 (5.7-18.0)		
Input	(kW)	2.10	2.04	2.03	2.00	2.77	2.72	3.60	3.50	3.91	4.04		
Rated EER/COP		3.38	3.92	3.50	4.00	3.61	4.12	3.33	4.00	3.32	3.96		
Rated AEER/ACOP		3.33	3.86	3.31	3.78	3.34/3.31	3.81/3.78	3.14/3.11	3.76/3.74	3.09/3.07	3.76/3.73		
AEER/ACOP (part-load %)*										3.68/3.63			
Indoor unit		PEAD-RP71JAA		PEAD-RP71JAA		PEAD-RP100JAA		PEAD-RP125JAA		PEAD-RP140JAA			
Power supply		V: Single-phase, 50Hz, 230V Y: Three-phase, 50Hz, 400V											
Airflow	CMM	17.5-21-25				24-29-34		29.5-35.5-42		32-39-46			
	L/S	292-350-417				400-483-567		492-592-700		533-650-767			
External static pressure Pa		35/50/70/100/125											
Sound pressure level	(dB)	30-34-39				33-38-42		36-40-44		40-44-49			
Return air spigot size	(mm)	1,058×210				1,358×210		1,358×210		1,558×210			
Supply air spigot size	(mm)	1,060×178				1,360×178		1,360×178		1,560×178			
Dimensions	Height	250											
	Width	1,100				1,400				1,600			
	Depth					732							
Weight	(kg)	29				38		39		43			

* MEPS compliant at part load