

Product Specifications



PEAD-M Series (Ceiling Concealed)									
Indoor Unit		PEAD-M50JAA(D)	PEAD-M60JAA(D)	PEAD-M71JAA(D)	PEAD-M100JAA(D)	PEAD-M125JAA(D)	PEAD-M140JAA(D)		
Outdoor Unit		SUZ-M50VAD-A	SUZ-M60VAD-A	SUZ-M71VAD-A	PUZ-M100VKA	PUZ-M125VKA	PUZ-M140VKA		
Refrigerant		R32							
Power Supply		V:230V, Single-phase, 50 / 60 Hz			V:230V, Single-phase, 50 Hz				
Cooling	Capacity [Min-Rated-Max]	kW	2.30 - 5.00 - 6.20	2.30 - 6.00 - 6.50	2.80 - 7.10 - 8.10	4.00 - 10.00 - 10.60	6.00 - 12.00 - 13.50	6.20 - 14.00 - 15.30	
	Total Input [Rated]	kW	1.33	1.72	1.98	3.06	3.83	4.40	
	AEER/EER		3.70/3.75	3.43/3.48	3.53/3.58	3.13/3.26	3.03/3.13	3.09/3.18	
	AEER [Part-load %]* ¹		-	-	-	4.40	3.78	4.01	
	Running Current [Rated]* ³	A	6.00	7.50	8.70	14.10	17.80	20.40	
	Sound Pressure Level	In (Lo-Mid-Hi)	dB(A)	30 - 35 - 39	30 - 32 - 36	30 - 33 - 38	33 - 38 - 42	36 - 40 - 44	40 - 44 - 49
		Out (PWL)	dB(A)	48 (64)	49 (65)	49 (66)	52 (71)	54 (72)	53 (71)
Air Volume (In) Lo-Mid-Hi	L/S	200 - 242 - 283	242 - 300 - 350	292 - 350 - 417	400 - 483 - 567	492 - 592 - 700	533 - 650 - 767		
Heating	Capacity [Min-Rated-Max]	kW	1.70 - 6.00 - 7.40	2.80 - 7.00 - 8.00	2.60 - 8.00 - 10.20	2.80 - 12.50 - 12.50	4.10 - 14.00 - 15.50	5.70 - 16.00 - 18.00	
	Total Input [Rated]	kW	1.44	1.85	2.00	3.35	3.68	4.30	
	ACOP/COP		4.09/4.16	3.72/3.78	3.93/4.00	3.59/3.73	3.67/3.80	3.61/3.72	
	ACOP [Part-load %]* ¹		-	-	-	-	-	-	
	Running Current [Rated]* ⁴	A	6.40	8.10	8.80	16.50	17.10	20.00	
	Sound Pressure Level	In (Lo-Mid-Hi)	dB(A)	30 - 35 - 39	30 - 32 - 36	30 - 33 - 38	33 - 38 - 42	36 - 40 - 44	40 - 44 - 49
		Out (PWL)	dB(A)	49 (66)	51 (68)	51 (68)	54 (72)	56 (74)	54 (72)
Air Volume (In) Lo-Mid-Hi	L/S	200 - 242 - 283	242 - 300 - 350	292 - 350 - 417	400 - 483 - 567	492 - 592 - 700	533 - 650 - 767		
Max. Running Current	A	13.50	14.80	14.80	29.00	29.30	29.64		
Indoor Unit	Input [Rated]	kW	0.11/0.09	0.12/0.10	0.17/0.15	0.25/0.23	0.36/0.34	0.39/0.37	
	Dimensions [HxWxD]	mm	250 x 900 x 732	250 x 1100 x 732		250 x 1400 x 732		250 x 1600 x 732	
	Weight	kg	26.0	29.0	29.0	39.0	40.0	44.0	
	Static Pressure	Pa	35/50/70/100/125						
Outdoor Unit	Dimensions [HxWxD]	mm	714 x 800 x 285	880 x 840 x 330	880 x 840 x 330	981 x 1050 x 330 (+40)		1338 x 1050 x 330 (+40)	
	Weight	kg	41.0	54.0	55.0	76.0	84.0	99.0	
	Breaker Size	A	20	20	20	32	32	40	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø6.35/ø12.70	ø6.35/ø15.88	ø9.52/ø15.88	ø9.52/ø15.88			
	Max. Length/Height	m	30/30			55/30			
Guaranteed Operating Range [Outdoor]	Cooling* ²	°C	-15 ~ 52			-5(-15) ~ 46			
	Heating	°C	-15 ~ 24			-15 ~ 21			
Supply Air Duct	mm	860 x 178	1060 x 178	1060 x 178	1360 x 178	1360 x 178	1560 x 178		
Pre-Charge Refrigerant	kg	1.20 (7m)	1.25 (7m)	1.45 (7m)	3.10 (30m)	3.60 (30m)	4.00 (55m)		
Additional Refrigerant	g/m	20		40	200		-		

*1 MEPS compliant at part load.

*2 With the optional air protection guide, cooling operation at -15°C outdoor temperature is possible (excluding SUZ outdoor units).

Rating Conditions:

*3 Cooling: Indoor 27°C, D.B./19°C, W.B.
Outdoor 35°C, D.B./24°C, W.B.

*4 Heating: Indoor 20°C, D.B./15°C, W.B.
Outdoor 7°C, D.B./6°C, W.B.