



PEAD-ZM Series (Ceiling Concealed)										
Indoor Unit		PEAD-M71JAA(D)	PEAD-M100JAA(D)			PEAD-M125JAA(D)		PEAD-M140JAA(D)		
Outdoor Unit		PUZ-ZM 71VHA-A	PUZ-ZM 100VKA	PUZ-ZM 100YKA2-A	PUZ-ZM 125VKA	PUZ-ZM 125YKA	PUZ-ZM 140VKA	PUZ-ZM 140YKA		
Refrigerant		R32								
Power Supply		V:230V, Single-phase, 50Hz Y:400V, Three-phase, 50Hz								
Cooling	Capacity [Min-Rated-Max]	kW	3.30 - 7.10 - 8.10	4.90 - 10.00 - 11.40		5.50 - 12.50 - 14.00		6.20 - 14.00 - 15.30		
	Total Input [Rated]	kW	1.85	2.67	2.67	3.66		4.37		
	AEER/EER		3.63/3.83	3.60/3.74	3.54/3.74	3.32/3.41	3.28/3.41	3.13/3.20	3.09/3.20	
	AEER [Part-load %] <sup>*1</sup>		-	-	-	-	-	4.20	4.09	
	Running Current [Rated] <sup>*3</sup>	A	10.33	12.20	4.53	16.70	6.40	19.77	7.40	
	Sound Pressure Level	In (Lo-Mid-Hi)	dB(A)	30 - 34 - 39	33 - 38 - 42		36 - 40 - 44		40 - 44 - 49	
		Out (PWL)	dB(A)	47 (67)	49 (69)	49 (69)	50 (70)		50 (70)	
Air Volume (In) Lo-Mid-Hi	L/S	292 - 350 - 417	400 - 483 - 567		492 - 592 - 700		533 - 650 - 767			
Heating	Capacity [Min-Rated-Max]	kW	3.50 - 8.00 - 10.20	4.50 - 11.20 - 14.00		5.10 - 14.00 - 16.00		5.70 - 16.00 - 18.00		
	Total Input [Rated]	kW	1.93	2.80	2.80	3.52		4.18		
	ACOP/COP		3.93/4.14	3.86/4.00	3.79/4.00	3.86/3.97	3.81/3.97	3.73/3.82	3.69/3.82	
	Running Current [Rated] <sup>*4</sup>	A	8.80	12.70	4.76	16.00	6.20	18.80	7.10	
	Sound Pressure Level	In (Lo-Mid-Hi)	dB(A)	30 - 34 - 39	33 - 38 - 42		36 - 40 - 44		40 - 44 - 49	
		Out (PWL)	dB(A)	51 (70)	51 (69)	51 (69)	52 (70)		52 (71)	
	Air Volume (In) Lo-Mid-Hi	L/S	292 - 350 - 417	400 - 483 - 567		492 - 592 - 700		533 - 650 - 767		
Max. Running Current	A	20.28	29.18	13.18	29.90	13.90	31.10	14.10		
Indoor Unit	Input [Rated]	kW	0.17/0.15	0.25/0.23		0.36/0.34		0.39/0.37		
	Dimensions [HxWxD]	mm	250 x 1100 x 732	250 x 1400 x 732		250 x 1400 x 732		250 x 1600 x 732		
	Weight	kg	30.0	39.0		40.0		44.0		
	Static Pressure	Pa	35/50/70/100/125							
Outdoor Unit	Dimensions [HxWxD]	mm	943 x 950 x 300 (+25)	1338 x 1050 x 330 (+40)						
	Weight	kg	70.0	111.0	112.0	111.0	112.0	111.0	112.0	
	Breaker Size	A	25	32	16	32	16	40	16	
Ext. Piping	Diameter [Liquid/Gas]	mm	ø9.52/ø15.88							
	Max. Length/Height	m	50/30	75/30						
Guaranteed Operating Range [Outdoor]	Cooling <sup>*2</sup>	°C	-5 (-15) ~ 52							
	Heating	°C	-20 ~ 21							
Supply Air Duct	mm	1060 x 178	1360 x 178				1560 x 178			
Pre-Charge Refrigerant	kg	2.80 (30m)	4.00 (30m)							
Additional Refrigerant	g/m	40								

\*1 MEPS compliant at part load.

\*2 With the optional air protection guide, cooling operation at -15°C outdoor temperature is possible.

**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.