



<b>PLA-M Series (Ceiling Cassette)</b>						
<b>Indoor Unit</b>		<b>PLA-M71EA-A</b>	<b>PLA-M100EA-A</b>	<b>PLA-M125EA-A</b>		
<b>Outdoor Unit</b>		<b>SUZ-M71VAD-A</b>	<b>PUZ-M100VKA-A</b>	<b>PUZ-M125VKA-A</b>		
<b>Refrigerant</b>		R32				
<b>Power Supply (V, Phase, Hz)</b>		230V, Single-phase, 50/60Hz		230V, Single-phase, 50Hz		
<b>Cooling</b>	Capacity [Min-Rated*4 -Max]	kW	2.80 - 7.10 - 8.10	4.00 - 10.00 - 10.60	5.80 - 12.00 - 13.00	
	Total Input [Rated]*4	kW	1.87	2.88	3.46	
	AEER*1/EER		3.73/3.79	3.36/3.47	3.38/3.46	
	Running Current [Rated]*4	A	8.20	12.90	16.80	
	Sound Pressure Level*2	In (Lo-Mid-Hi)	dB(A)	28 - 30 - 32 - 34	31 - 34 - 37 - 40	33 - 37 - 41 - 44
		Out (PWL)		49 (66)	52 (71)	54 (72)
	Air Volume (In) Lo-Mid-Hi	L/S	267 - 283 - 317 - 350	317 - 383 - 433 - 483	350 - 417 - 467 - 517	
<b>Heating</b>	Capacity [Min-Rated*5 -Max]	kW	2.60 - 8.00 - 10.20	2.80 - 11.20 - 12.50	4.10 - 14.00 - 15.00	
	Total Input [Rated]*5	kW	2.17	2.98	3.85	
	COP/ACOP*1		3.68/3.63	3.75/3.64	3.63/3.55	
	Running Current [Rated]*5	A	9.50	13.30	17.30	
	Sound Pressure Level*2	In (Lo-Mid-Hi)	dB(A)	28 - 30 - 32 - 34	31 - 34 - 37 - 40	33 - 37 - 41 - 44
		Out (PWL)		51 (68)	54 (72)	56 (74)
Air Volume (In) Lo-Mid-Hi	L/S	267 - 283 - 317 - 350	317 - 383 - 433 - 483	350 - 417 - 467 - 517		
Starting Current	A	-				
Max. Running Current	A	14.80	20.50	27.20		
<b>Indoor Unit</b>	Input [Rated]	kW	0.04	0.07	0.10	
	Dimensions [HxWxD]	mm	258 x 840 x 840	298 x 840 x 840		
	Panel [HxWxD]	mm	40 x 950 x 950			
	Weight [Panel]	kg	21.0 (5.0)			
<b>Outdoor Unit</b>	Dimensions [HxWxD]	mm	880 x 840 x 330	981 x 1050 x 330 (+40)		
	Weight	kg	55.0	76.0	84.0	
	Breaker Size	A	20	32		
<b>Ext. Piping</b>	Diameter [Liquid/Gas]	mm	ø9.52/ø15.88			
	Max. Length/Height	m	30/30	55/30		
<b>Guaranteed Operating Range [Outdoor]</b>	Cooling*3	°C	-15 ~ 52	-15 ~ 46		
	Heating	°C	-15 ~ 24	-15 ~ 21		
<b>Pre-Charge Refrigerant</b>	kg	1.8 (7m)	3.1 (30m)	3.6 (30m)		
<b>Additional Refrigerant</b>	g/m	55	40			

**Notes:**

\*1 MEPS compliant.

\*2 Sound pressure level measured in anechoic room at 1m.

\*3 With the optional air protection guide, the operation at -15°C outdoor temperature is possible.

**Rating Conditions:**

\*4 Cooling: Indoor 27°C, D.B./19°C, W.B.  
Outdoor 35°C, D.B./24°C, W.B.

\*5 Heating: Indoor 20°C, D.B./15°C, W.B.  
Outdoor 7°C, D.B./6°C, W.B.

# Product Specifications



PLA-M Series (Ceiling Cassette)									
Indoor Unit		PLA-M71EA-A	PLA-M100EA-A		PLA-M125EA-A		PLA-M140EA-A		
Outdoor Unit		PUZ-ZM 71VHA-A	PUZ-ZM 100VKA-A	PUZ-ZM 100YKA2-A	PUZ-ZM 125VKA-A	PUZ-ZM 125YKA-A	PUZ-ZM 140VKA-A	PUZ-ZM 140YKA-A	
Refrigerant		R32							
Power Supply		V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz							
Cooling	Capacity [Min-Rated*4]-Max	3.30 - 7.10 - 8.10	4.90 - 10.00 - 11.40	4.90 - 10.00 - 11.40	5.50 - 12.50 - 14.00	5.50 - 12.50 - 14.00	6.20 - 13.50 - 15.30	6.20 - 13.50 - 15.30	
	Total Input [Rated]*4	1.78	2.43	2.43	3.55	3.55	3.93	3.93	
	AEER/EER	3.77/3.98	3.95/4.11	3.87/4.11	3.42/3.52	3.37/3.52	3.34/3.43	3.30/3.43	
	AEER [Part-Load %]*1	-							
	Running Current [Rated]*4	8.10	11.10	5.10	16.60	5.50	18.07	6.40	
	Sound Pressure Level*2	In (Lo-Mid-Hi)	28 - 30 - 32 - 34	31 - 34 - 37 - 40	31 - 34 - 37 - 40	33 - 37 - 41 - 44	33 - 37 - 41 - 44	36 - 39 - 42 - 44	36 - 39 - 42 - 44
Out (PWL)		47 (67)	49 (69)	49 (69)	50 (70)	50 (70)	50 (70)	50 (70)	
Air Volume (In) Lo-Mid-Hi	L/S	267 - 283 - 317 - 350	317 - 383 - 433 - 483	317 - 383 - 433 - 483	350 - 417 - 467 - 517	350 - 417 - 467 - 517	400 - 433 - 483 - 533	400 - 433 - 483 - 533	
Heating	Capacity [Min-Rated*5]-Max	3.50 - 8.00 - 10.20	4.50 - 11.20 - 14.00	4.50 - 11.20 - 14.00	5.00 - 14.00 - 16.00	5.00 - 14.00 - 16.00	5.70 - 16.00 - 18.00	5.70 - 16.00 - 18.00	
	Total Input [Rated]*5	2.03	2.94	2.94	3.58	3.58	4.48	4.48	
	ACOP/COP	3.75/3.94	3.68/3.80	3.62/3.80	3.80/3.91	3.75/3.91	3.49/3.57	3.45/3.57	
	Running Current [Rated]*5	9.89	14.02	5.10	16.30	5.90	21.14	7.20	
	Sound Pressure Level*2	In (Lo-Mid-Hi)	28 - 30 - 32 - 34	31 - 34 - 37 - 40	31 - 34 - 37 - 40	33 - 37 - 41 - 44	33 - 37 - 41 - 44	36 - 39 - 42 - 44	36 - 39 - 42 - 44
		Out (PWL)	51 (70)	51 (69)	50 (69)	52 (70)	52 (70)	52 (71)	52 (71)
Air Volume (In) Lo-Mid-Hi	L/S	267 - 283 - 317 - 350	317 - 383 - 433 - 483	317 - 383 - 433 - 483	350 - 417 - 467 - 517	350 - 417 - 467 - 517	400 - 433 - 483 - 533	400 - 433 - 483 - 533	
Max. Running Current	A	19.27	27.96	11.96	28.16	12.16	29.16	12.16	
Indoor Unit	Input [Rated]	0.04	0.07	0.07	0.10	0.10	0.10	0.10	
	Dimensions [HxWxD]	258 x 840 x 840	298 x 840 x 840						
	Panel [HxWxD]	40 x 950 x 950							
	Weight [Panel]	21.0 (5.0)	24.0 (5.0)		27.0 (5.0)				
Outdoor Unit	Dimensions [HxWxD]	943 x 950 x 300 (+25)	1338 x 1050 x 330 (+40)						
	Weight	70.0	113.0						
	Breaker Size	25	32	16	32	16	40	16	
Ext. Piping	Diameter [Liquid/Gas]	ø9.52/ø15.88							
	Max. Length/Height	50/30	75/30						
Guaranteed Operating Range [Outdoor]	Cooling*3	-5 (-15) ~ 52							
	Heating	-20 ~ 21							
Pre-Charge Refrigerant	kg	2.8 (30m)	4.0 (30m)						
Additional Refrigerant	g/m	40							

**Notes:**

- \*1 MEPS compliant at part-load.
- \*2 Sound pressure level measured in anechoic room at 1m.
- \*3 With the optional air protection guide, the operation at -15°C outdoor temperature is possible.

**Rating Conditions:**

- \*4 Cooling: Indoor 27°C, D.B./19°C, W.B.  
Outdoor 35°C, D.B./24°C, W.B.
- \*5 Heating: Indoor 20°C, D.B./15°C, W.B.  
Outdoor 7°C, D.B./6°C, W.B.