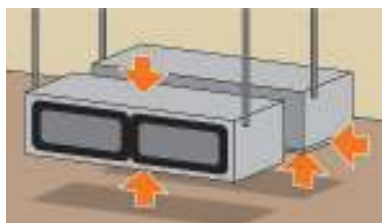


Air Conditioning Systems

PEA-M HAA
PRODUCT FLYER

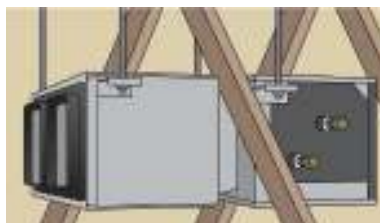


The new PEA-M HAA Ducted unit has a two-piece construction^{*1}. This allows separation of the indoor unit heat exchanger and fan deck assembly for easier handling and installation into the roof space.



Two-way maintenance access

Two-way access to the fan deck assembly (from the top and the bottom) and to the drain pan (from the bottom and the side^{*2}) allows for easy maintenance. Even when the unit is installed near the ceiling and inaccessible from the bottom, the unit is accessible from another side.



Ideal for remodelling of existing houses

The unit can be installed in roof trusses thanks to the two-piece structure.



Easier Installation

The fan deck section and the heat exchanger can be separately transported and assembled in the ceiling space.^{*3}

^{*1} The distance between the fan deck part and the heat exchanger part cannot be extended using a duct.

^{*2} The drain pan cannot be removed from the side.

^{*3} Requires an access panel large enough to pass each part through.

Features

- » Two-piece structure
- » R32 refrigerant

- » Two-way maintenance access
- » High static pressure

- » Four level fan speed, Low, Mid2, Mid1 and High

SPECIFICATIONS

Model			PEA-M100HAA		PEA-M125HAA		PEA-M140HAA	
Outdoor Unit			PUZ-ZM100VKA-A	PUZ-ZM100YKA-A	PUZ-ZM125VKA-A	PUZ-ZM125YKA-A	PUZ-ZM140VKA-A	PUZ-ZM140YKA-A
Refrigerant			R32					
Power supply (V, phase, Hz)		Outdoor	V:230V, Single-phase, 50Hz Y:400V, Three-phase, 50Hz					
Cooling	Capacity (Min-Rated-Max)	kW	4.9-10.0-11.4		5.5-12.5-14.0		6.2-14.0-15.3	
	Total input (Rated)	kW	2.65	3.11	3.5	3.5	4.19	4.19
	AEER/EER		3.63/3.77	3.06/3.21	3.47/3.57	3.42/3.57	3.26/3.34	3.22/3.34
	AEER (Part-load %) *1		-	4.33	-	-	-	-
	Running current (Rated)	A	12.20	5.20	15.40	5.90	18.30	6.80
	Sound Pressure Level	In (Lo-Mid2-Mid1-Hi) (SPL) *3	29-32-36-38		35-38-42-45			
		Out (PWL)	49(69)	50(70)	50(70)	50(70)	50(70)	50(70)
	Air Volume In (Lo-Mid2-Mid1-Hi)	L/S *3	500-567-633-700		700-800-900-1000			
Heating	Capacity (Min-Rated-Max)	kW	4.5-11.2-14.0		5.0-14.0-16.0		5.7-16.0-18.0	
	Total input (Rated)	kW	2.71	3.12	3.4	3.4	3.97	3.97
	ACOP/COP		3.98/4.13	3.42/3.58	3.99/4.11	3.94/4.11	3.92/4.03	3.88/4.03
	ACOP (Part-load %) *1		-					
	Running current (Rated)	A	12.70	5.20	15.00	5.60	17.70	6.30
	Sound Pressure Level	In (Lo-Mid2-Mid1-Hi) (SPL) *3	29-32-36-38		35-38-42-45			
		Out (PWL)	51(69)	52(70)	52(70)	52(70)	52(71)	52(71)
	Air Volume In (Lo-Mid2-Mid1-Hi)	L/S *3	500-567-633-700		700-800-900-1000			
Max. Running Current		A	29.88	13.88	31.20	15.20	32.20	15.20
Indoor Unit	Input (Cool Heat) (Rated)	kW *3	0.187/0.187		0.477/0.477		0.477/0.477	
	Dimensions (HxWxD)	mm	380x1405x900					
	Weight	kg	63		66			
	Static Pressure	Pa	50/100/150					
Outdoor unit	Dimensions (HxWxD)	mm	1338x1050x330(+40)					
	Weight	kg	113	114	113	114	113	114
	Breaker size	A	32	16	32	16	40	16
Piping	Diameter (Gas/Liquid)	mm	15.88 / 9.52					
	Max. Length/Height	m	75 / 30					
Guaranteed Operating Range (outdoor)		Cooling (°C) *2	-5(-15)-52					
		Heating (°C)	-20-21					
Supply Air Duct		mm	1325x266					
Return Air Duct		mm	2x(400Ø)					

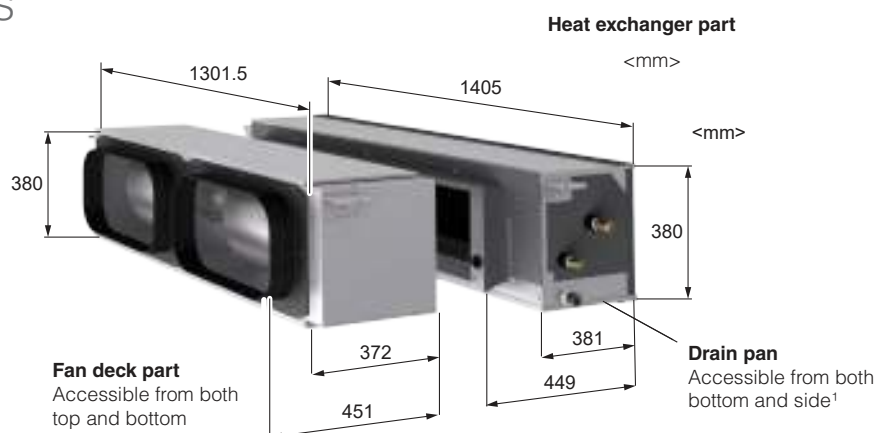
Notes:

*1 MEPS compliant at part load

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

*3 In case of NOT using air intake flange. With flange, please check P-Q curve on the indoor unit manual.

UNIT DIMENSIONS



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