

Model Name	Indoor Unit			PEA-M100HAA	PEA-M125HAA	PEA-M140HAA	
	Outdoor Unit			PUZ-M100VKA-A	PUZ-M125VKA-A	PUZ-M140VKA-A	
Power Supply				Source	Outdoor power supply		
	Out			V	230		
				Phase	Single		
				Hz	50		
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant				R32			
Cooling	Capacity	Rated	kW	10.0	12.0	14.0	
		Max.	kW	10.6	13.5	15.3	
		Min.	kW	4.0	6.0	6.2	
	SHF	Rated		0.88	0.90	0.81	
	Total Input	Rated	kW	3.02	3.78	4.24	
	EER			3.31	3.17	3.30	
	AEER			3.21	3.10	3.23	
	AEER (Part-load %)			-	4.25	-	
Heating	Capacity	Rated	kW	12.5	14.0	16.0	
		Max.	kW	12.5	15.5	18.0	
		Min.	kW	2.8	4.1	5.7	
	Total Input	Rated	kW	3.24	3.44	3.85	
	COP			3.85	4.06	4.15	
	ACOP			3.75	3.96	4.06	
	ACOP (Part-load %)			-			
Operating Current(max)			A	23.4	30.2		
Indoor Unit	Input	Rated	Cooling/ Heating	kW	0.187	0.477	
		Operating Current(max)			A	3.4	3.7
	Dimensions		Height	mm	380		
			Width	mm	1405		
			Depth	mm	900		
	Weight		kg	63	66		
	Air Volume (Low-Mid2-Mid-High)		m³/min,(L/S)	30-34-38-42 (500-567-633-700)	42-48-54-60 (700-800-900-1000)	42-48-54-60 (700-800-900-1000)	
	External Static Pressure		Pa	50/100/150			
	Sound Level (Low-Mid2-Mid-High)	50Pa	dB(A)	29-32-36-38		35-38-42-45	
		100Pa	dB(A)	33-36-39-42		36-40-43-46	
		150Pa	dB(A)	36-39-42-45		39-43-46-48	
	Outdoor Unit	Dimensions		Height	mm	981	
Width				mm	1,050		
Depth				mm	330(+40)		
Weight		kg	76	84	99		
Air Volume		Cooling	Rated	m³/min.	79	86	120
		Heating	Rated	m³/min.	79	86	120
Sound Level (SPL)		Cooling	Rated	dB(A)	52	54	53
		Heating	Rated	dB(A)	54	56	54
Sound Level (PWL)		Cooling	Rated	dB(A)	71	72	71
		Heating	Rated	dB(A)	72	74	72
Operating Current(max)		A	20.0	26.5	30.0		
Breaker Size		A	32			40	
Ext. Piping	Diameter	Liquid		mm	9.52		
		Gas		mm	15.88		
	Max. Length	Out-In		m	55		
	Max. Height	Out-In	Below Indoor	m	30		
			Above Indoor	m	30		
Guranteed Operation Range	Out	Cooling ^(*)	Upper Limit.	°C	+46		
			Lower Limit.	°C	-15		
		Heating	Upper Limit.	°C	+21		
			Lower Limit.	°C	-15		

(*1) Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit			PEA-M100HAA	PEA-M125HAA	PEA-M140HAA	PEA-M160HAA	
	Outdoor Unit			PUZ-ZM100VKA2-A	PUZ-ZM125VKA2-A	PUZ-ZM140VKA2-A	PUZ-ZM160VKA-A	
Power Supply				Source	Outdoor power supply			
	Out			V	230			
				Phase	Single			
				Hz	50/60		50	
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant				R32				
Cooling	Capacity	Rated	kW	10.0	12.5	14.0	16.0	
		Max.	kW	11.4	14.0	15.3	17.0	
		Min.	kW	4.9	5.5	6.2	4.7	
	SHF	Rated		0.85	0.87	0.81	0.79	
	Total Input	Rated	kW	2.65	3.50	4.19	4.95	
	EER			3.77	3.57	3.34	3.23	
	AEER			3.63	3.47	3.26	3.16	
	AEER (Part-load %)			-	-	-	4.00	
Heating	Capacity	Rated	kW	11.2	14.0	16.0	18.0	
		Max.	kW	14.0	16.0	18.0	20.0	
		Min.	kW	4.5	5.0	5.7	5.4	
	Total Input	Rated	kW	2.71	3.40	3.97	4.58	
	COP			4.13	4.11	4.03	3.93	
	ACOP			3.98	3.99	3.93	3.84	
	ACOP (Part-load %)			-	-	-	-	
Operating Current(max)			A	30.9	31.2	31.7	33.06	
Indoor Unit	Input	Rated	Cooling/ Heating	kW	0.187	0.477		
		Operating Current(max)		A	3.4	3.7		
	Dimensions		Height	mm	380			
			Width	mm	1405			
			Depth	mm	900			
	Weight		kg	63	66			
	Air Volume (Low-Mid2-Mid-High)		m³/min.(L/S)	30-34-38-42 (500-567-633-700)	42-48-54-60 (700-800-900-1000)	42-48-54-60 (700-800-900-1000)	42-48-54-60 (700-800-900-1000)	
	External Static Pressure		Pa	50/100/150				
	Sound Level (Low-Mid2-Mid-High)	50Pa	dB(A)	29-32-36-38	35-38-42-45	35-38-42-45	35-38-42-45	
		100Pa	dB(A)	33-36-38-42	36-40-43-46	36-40-43-46	36-40-43-46	
		150Pa	dB(A)	36-39-42-45	39-43-46-48	39-43-46-48	39-43-46-48	
	Outdoor Unit	Dimensions		Height	mm	1,338		
Width				mm	1,050			
Depth				mm	330(+40)			
Weight		kg	114		115			
Air Volume		Cooling	Rated	m³/min.	110	120	140	
		Heating	Rated	m³/min.	110	120	140	
Sound Level (SPL)		Cooling	Rated	dB(A)	49	50	58	
		Heating	Rated	dB(A)	51	52	59	
Sound Level (PWL)		Cooling	Rated	dB(A)	69	70	74	
		Heating	Rated	dB(A)	69	70	71	75
Operating Current(max)			A	27.5		28.0	29.36	
Breaker Size			A	32		40		
Ext. Piping	Diameter	Liquid	mm	9.52				
		Gas	mm	15.88			19.05	
	Max. Length	Out-In	m	75				
	Max. Height	Out-In	m	30				
			Below Indoor	m	30			
Guranteed Operation Range	Out	Cooling ^(*)	Upper Limit.	°C	+52			
			Lower Limit.	°C	-15			
		Heating	Upper Limit.	°C	+21			
			Lower Limit.	°C	-20			

(*1) Optional air protection guide is required where ambient temperature is lower than -5°C.

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SPECIFICATIONS

Model Name	Indoor Unit			PEA-M100HAA	PEA-M125HAA	PEA-M140HAA	PEA-M160HAA	
	Outdoor Unit			PUZ-ZM100YKA3-A	PUZ-ZM125YKA2-A	PUZ-ZM140YKA2-A	PUZ-ZM160YKA-A	
Power Supply				Source	Outdoor power supply			
	Out			V	400			
				Phase	Three			
				Hz	50			
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant				R32				
Cooling	Capacity	Rated	kW	10.0	12.5	14.0	16.0	
		Max.	kW	11.4	14.0	15.3	17.0	
		Min.	kW	4.9	5.5	6.2	4.7	
	SHF	Rated		0.85	0.87	0.81	0.79	
	Total Input	Rated	kW	2.65	3.50	4.19	4.95	
	EER			3.77	3.57	3.34	3.77	
	AEER			3.61	3.45	3.25	3.16	
	AEER (Part-load %)			-	-	-	4.00	
Heating	Capacity	Rated	kW	11.2	14.0	16.0	18.0	
		Max.	kW	14.0	16.0	18.0	20.0	
		Min.	kW	4.5	5.0	5.7	5.4	
	Total Input	Rated	kW	2.71	3.40	3.97	4.58	
	COP			4.13	4.11	4.03	3.93	
	ACOP			3.96	3.98	3.91	3.84	
	ACOP (Part-load %)			-	-	-	-	
Operating Current(max)			A	14.90	15.2	15.2	14.26	
Indoor Unit	Input	Rated	Cooling/ Heating	kW	0.187	0.477		
		Operating Current(max)		A	3.4	3.7		
	Dimensions		Height	mm	380			
			Width	mm	1405			
			Depth	mm	900			
	Weight		kg	63	66			
	Air Volume (Low-Mid2-Mid-High)		m³/min.(L/S)	30-34-38-42 (500-567-633-700)	42-48-54-60 (700-800-900-1000)	42-48-54-60 (700-800-900-1000)	42-48-54-60 (700-800-900-1000)	
	External Static Pressure		Pa	50/100/150				
	Sound Level (Low-Mid2-Mid-High)	50Pa	dB(A)	29-32-36-38	35-38-42-45	35-38-42-45	35-38-42-45	
		100Pa	dB(A)	33-36-39-42	36-40-43-46	36-40-43-46	36-40-43-46	
		150Pa	dB(A)	36-39-42-45	39-43-46-48	39-43-46-48	39-43-46-48	
	Outdoor Unit	Dimensions		Height	mm	1,338		
Width				mm	1,050			
Depth				mm	330(+40)			
Weight		kg	116					
Air Volume		Cooling	Rated	m³/min.	110	120	140	
		Heating	Rated	m³/min.	110	120	140	
Sound Level (SPL)		Cooling	Rated	dB(A)	49	50	58	
		Heating	Rated	dB(A)	51	52	59	
Sound Level (PWL)		Cooling	Rated	dB(A)	69	70	74	
		Heating	Rated	dB(A)	69	70	71	75
Operating Current(max)		A	27.5	11.5		10.56		
Breaker Size		A	32	16		32		
Ext. Piping	Diameter	Liquid	mm	9.52				
		Gas	mm	15.88			19.05	
	Max. Length	Out-In	m	75				
	Max. Height	Out-In	Below Indoor	m	30			
			Above Indoor	m	30			
Guranteed Operation Range	Out	Cooling ^(*)	Upper Limit.	°C	+52			
			Lower Limit.	°C	-15			
	Heating	Upper Limit.	°C	+21				
		Lower Limit.	°C	-20				

(*1) Optional air protection guide is required where ambient temperature is lower than -5°C.