

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner				(Ceiling-concealed TYPE)		
MODEL				PEFY-MS40VMHS-A		
Power source				1-phase 220-230-240 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	4.5			
	*1	BTU/h	15,400			
	*2	Power input	kW	0.055		
	*2	Current input	A	(220-230-240 V) 0.410-0.390-0.380		
Heating capacity (Nominal)	*3	kW	5.0			
	*3	BTU/h	17,100			
	*2	Power input	kW	0.055		
	*2	Current input	A	(220-230-240 V) 0.410-0.390-0.380		
External finish				Galvanized steel plate		
External dimension HxWxD		mm	380 x 745 x 900			
		in.	15 x 29-3/8 x 35-7/16			
Net weight		kg (lbs)	35.0 (78)			
Heat exchanger				Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 1			
	*4	External static press.	Pa	50 - <100> - <150> - <200>		
			mmH ₂ O	5.1 - <10.2> - <15.3> - <20.4>		
	Motor Type		DC motor			
	Motor output		kW	0.121		
	Driving mechanism		Direct-driven by motor			
	Air flow rate		(Low-Mid-High)			
			m ³ /min	10.0 - 12.0 - 14.0		
			L/s	167 - 200 - 233		
			cfm	353 - 424 - 494		
Sound pressure level (measured in anechoic room)				(Low-Mid-High)		
*2		dB (A)	22.0-25.0-29.0			
Insulation material				EPS, Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter				Option: Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.		
Protection device				Fuse		
Refrigerant control device				LEV		
Connectable outdoor unit				*5 R32, R410A CITY MULTI		
Refrigerant diameter	Liquid	mm (in.)	6.35 (1/4) Brazed			
	Gas	mm (in.)	12.7 (1/2) Brazed			
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)			
Drawing	External		KB94CAAB			
	Wiring		KB94CAAC			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual, Instruction Book			
	Accessory		Washer, Drain socket, Tie band, Reducer			
Optional parts	Drain pump kit		PAC-DRP10DP-E2			
	Long life filter		PAC-KE86LAF			
	Filter box		PAC-KE63TB-F			
Remarks						
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.						
* Due to continuing improvement, above specifications may be subject to change without notice.						
Notes:				Unit converter		
1.Nominal cooling conditions				BTU/h =kW x 3,412		
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)				cfm =m ³ /min x 35.31		
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)				lbs =kg/0.4536		
2.The values are measured at the factory setting of external static pressure.						
3.Nominal heating conditions						
Indoor: 20° C D.B. (68° F D.B.), Outdoor: 7° C D.B./6° C W.B. (45° F D.B./43° F W.B.)						
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)						
4.The factory setting of airflow mode and external static pressure mode is shown without < >.						
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.						
5.For more detailed information, contact your local distributor.				*Above specification data is subject to rounding variation.		

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner				(Ceiling-concealed TYPE)	
MODEL			PEFY-MS50VMHS-A		
Power source			1-phase 220-230-240 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	5.6		
	*1	BTU/h	19,100		
	*2	Power input	kW	0.055	
	*2	Current input	A	(220-230-240 V) 0.410-0.390-0.380	
Heating capacity (Nominal)	*3	kW	6.3		
	*3	BTU/h	21,500		
	*2	Power input	kW	0.055	
	*2	Current input	A	(220-230-240 V) 0.410-0.390-0.380	
External finish			Galvanized steel plate		
External dimension HxWxD		mm	380 x 745 x 900		
		in.	15 x 29-3/8 x 35-7/16		
Net weight		kg (lbs)	35.0 (78)		
Heat exchanger			Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 1		
	*4	External static press.	Pa	50 - <100> - <150> - <200>	
			mmH ₂ O	5.1 - <10.2> - <15.3> - <20.4>	
	Motor Type		DC motor		
	Motor output		kW	0.121	
	Driving mechanism		Direct-driven by motor		
	Air flow rate		(Low-Mid-High)		
			m ³ /min	10.0 - 12.0 - 14.0	
			L/s	167 - 200 - 233	
			cfm	353 - 424 - 494	
Sound pressure level (measured in anechoic room)			(Low-Mid-High)		
*2		dB (A)	22.0-25.0-29.0		
Insulation material			EPS, Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter			Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.		
Protection device			Fuse		
Refrigerant control device			LEV		
Connectable outdoor unit *5			R32, R410A CITY MULTI		
Refrigerant diameter	Liquid	mm (in.)	6.35 (1/4)Brazed		
	Gas	mm (in.)	12.7 (1/2)Brazed		
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)		
Drawing	External		KB94CAAB		
	Wiring		KB94CAAC		
	Refrigerant cycle		-		
Standard attachment	Document		Installation Manual, Instruction Book		
	Accessory		Washer, Drain socket, Tie band, Reducer		
Optional parts	Drain pump kit		PAC-DRP10DP-E2		
	Long life filter		PAC-KE86LAF		
	Filter box		PAC-KE63TB-F		
Remarks					
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual					
* Due to continuing improvement, above specifications may be subject to change without notice.					
Notes:				Unit converter	
1.Nominal cooling conditions				BTU/h =kW x 3,412	
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66 ° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)				cfm =m ³ /min x 35.31	
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)				lbs =kg/0.4536	
2.The values are measured at the factory setting of external static pressure.					
3.Nominal heating conditions					
Indoor: 20 ° CD.B. (68 ° FD.B.), Outdoor: 7 ° CD.B./6 ° CW.B. (45 ° FD.B./43 ° FW.B.)					
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)					
4.The factory setting of airflow mode and external static pressure mode is shown without < >.					
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.					
5.For more detailed information, contact your local distributor.				*Above specification data is subject to rounding variation.	

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner				(Ceiling-concealed TYPE)		
MODEL				PEFY-MS63VMHS-A		
Power source				1-phase 220-230-240 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW		7.1		
	*1	BTU/h		24,200		
	*2	Power input kW		0.090		
	*2	Current input A		(220-230-240 V) 0.640-0.620-0.590		
Heating capacity (Nominal)	*3	kW		8.0		
	*3	BTU/h		27,300		
	*2	Power input kW		0.090		
	*2	Current input A		(220-230-240 V) 0.640-0.620-0.590		
External finish				Galvanized steel plate		
External dimension HxWxD		mm		380 x 745 x 900		
		in.		15 x 29-3/8 x 35-7/16		
Net weight		kg (lbs)		35.0 (78)		
Heat exchanger				Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 1			
	*4	External static press.	Pa	50 - <100> - <150> - <200>		
			mmH ₂ O	5.1 - <10.2> - <15.3> - <20.4>		
	Motor Type		DC motor			
	Motor output		kW		0.121	
	Driving mechanism		Direct-driven by motor			
	Air flow rate		(Low-Mid-High)			
			m ³ /min			13.5 - 16.0 - 19.0
			L/s			225 - 267 - 317
			cfm			477 - 565 - 671
Sound pressure level (measured in anechoic room)				(Low-Mid-High)		
*2		dB (A)		25.0-28.5-33.5		
Insulation material				EPS, Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter				Option: Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.		
Protection device				Fuse		
Refrigerant control device				LEV		
Connectable outdoor unit				*6 R32, R410A CITY MULTI		
Refrigerant diameter	Liquid	*5	mm (in.)	6.35 (1/4)Brazed		
	Gas		mm (in.)	9.52 (3/8)Brazed 15.88 (5/8)Brazed		
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)		
Drawing	External		KB94CAAB			
	Wiring		KB94CAAC			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual, Instruction Book			
	Accessory		Washer, Drain socket, Tie band, Reducer			
Optional parts	Drain pump kit		PAC-DRP10DP-E2			
	Long life filter		PAC-KE86LAF			
	Filter box		PAC-KE63TB-F			
Remarks						
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.						
* Due to continuing improvement, above specifications may be subject to change without notice.						
Notes:				Unit converter		
1.Nominal cooling conditions				BTU/h =kW x 3,412		
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)				cfm =m ³ /min x 35.31		
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)				lbs =kg/0.4536		
2.The values are measured at the factory setting of external static pressure.						
3.Nominal heating conditions						
Indoor: 20° CD.B. (68° FD.B.), Outdoor: 7° CD.B./6° CW.B. (45° FD.B./43° FW.B.)						
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)						
4.The factory setting of airflow mode and external static pressure mode is shown without < >.						
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.						
5.It is possible to reduce the pipe size to Φ6.35 using a "Reducer" included in the accessory bag.						
The pipe size required depends on the connected outdoor unit, so check the Outdoor Unit Installation Manual to confirm whether the Reducer can be used.						
6.For more detailed information, contact your local distributor.						
				*Above specification data is subject to rounding variation.		

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner				(Ceiling-concealed TYPE)		
MODEL				PEFY-MS71VMHS-A		
Power source				1-phase 220-230-240 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	8.0			
	*1	BTU/h	27,300			
	*2	Power input	kW	0.075		
	*2	Current input	A	(220-230-240 V) 0.540-0.520-0.500		
Heating capacity (Nominal)	*3	kW	9.0			
	*3	BTU/h	30,700			
	*2	Power input	kW	0.075		
	*2	Current input	A	(220-230-240 V) 0.540-0.520-0.500		
External finish				Galvanized steel plate		
External dimension HxWxD		mm	380 x 1,030 x 900			
		in.	15 x 40-9/16 x 35-7/16			
Net weight		kg (lbs)	45.0 (100)			
Heat exchanger				Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 2			
	*4	External static press.	Pa	50 - <100> - <150> - <200>		
			mmH ₂ O	5.1 - <10.2> - <15.3> - <20.4>		
	Motor Type		DC motor			
	Motor output		kW	0.244		
	Driving mechanism		Direct-driven by motor			
	Air flow rate		(Low-Mid-High)			
			m ³ /min	15.5 - 18.0 - 22.0		
			L/s	258 - 300 - 367		
			cfm	547 - 636 - 777		
Sound pressure level (measured in anechoic room)				(Low-Mid-High)		
		*2	dB (A)	25.0-27.5-31.0		
Insulation material				EPS, Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter				Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.		
Protection device				Fuse		
Refrigerant control device				LEV		
Connectable outdoor unit				*6 R32, R410A CITY MULTI		
Refrigerant diameter	Liquid	*5	mm (in.)	6.35 (1/4)Braze		
				9.52 (3/8)Braze		
	Gas		mm (in.)	15.88 (5/8)Braze		
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)		
Drawing	External		KB94CAAB			
	Wiring		KB94CAAC			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual, Instruction Book			
	Accessory		Washer, Drain socket, Tie band			
Optional parts	Drain pump kit		PAC-DRP10DP-E2			
	Long life filter		PAC-KE88LAF			
	Filter box		PAC-KE99TB-F			
Remarks						
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.						
* Due to continuing improvement, above specifications may be subject to change without notice.						
Notes:				Unit converter		
1.Nominal cooling conditions				BTU/h =kW x 3,412		
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)				cfm =m ³ /min x 35.31		
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)				lbs =kg/0.4536		
2.The values are measured at the factory setting of external static pressure.						
3.Nominal heating conditions						
Indoor: 20° CD.B. (68° FD.B.), Outdoor: 7° CD.B./6° CW.B. (45° FD.B./43° FW.B.)						
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)						
4.The factory setting of airflow mode and external static pressure mode is shown without < >.						
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.						
5.It is possible to reduce the pipe size to Φ6.35 using a "Reducer" included in the accessory bag.						
The pipe size required depends on the connected outdoor unit, so check the Outdoor Unit Installation Manual to confirm whether the Reducer can be used.						
6.For more detailed information, contact your local distributor.						
				*Above specification data is subject to rounding variation.		

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner (Ceiling-concealed TYPE)				
MODEL		PEFY-MS80VMHS-A		
Power source		1-phase 220-230-240 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	9.0	
	*1	BTU/h	30,700	
	*2	Power input	0.090	
	*2	Current input	A (220-230-240 V) 0.630-0.610-0.580	
Heating capacity (Nominal)	*3	kW	10.0	
	*3	BTU/h	34,100	
	*2	Power input	0.090	
	*2	Current input	A (220-230-240 V) 0.630-0.610-0.580	
External finish		Galvanized steel plate		
External dimension HxWxD		mm	380 x 1,030 x 900	
		in.	15 x 40-9/16 x 35-7/16	
Net weight		kg (lbs)	45.0 (100)	
Heat exchanger		Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 2	
	*4	External static press.	Pa	
			mmH ₂ O	
	Motor Type		DC motor	
	Motor output		0.244	
	Driving mechanism		Direct-driven by motor	
	Air flow rate		(Low-Mid-High)	
			m ³ /min	18.0 - 21.5 - 25.0
			L/s	300 - 358 - 417
			cfm	636 - 759 - 883
Sound pressure level (measured in anechoic room)		(Low-Mid-High)		
*2		dB (A)	26.5-28.5-31.0	
Insulation material		EPS, Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter		Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.		
Protection device		Fuse		
Refrigerant control device		LEV		
Connectable outdoor unit		*6	R32, R410A CITY MULTI	
Refrigerant diameter	Liquid	*5	mm (in.)	
	Gas		mm (in.)	
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	
Drawing	External		KB94CAAB	
	Wiring		KB94CAAC	
	Refrigerant cycle		-	
Standard attachment	Document		Installation Manual, Instruction Book	
	Accessory		Washer, Drain socket, Tie band	
Optional parts	Drain pump kit		PAC-DRP10DP-E2	
	Long life filter		PAC-KE88LAF	
	Filter box		PAC-KE99TB-F	
Remarks				
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual				
* Due to continuing improvement, above specifications may be subject to change without notice.				
Notes:			Unit converter	
1.Nominal cooling conditions			BTU/h =kW x 3,412	
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)			cfm =m ³ /min x 35.31	
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)			lbs =kg/0.4536	
2.The values are measured at the factory setting of external static pressure.				
3.Nominal heating conditions				
Indoor: 20° CD.B. (68° FD.B.), Outdoor: 7° CD.B./6° CW.B. (45° FD.B./43° FW.B.)				
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)				
4.The factory setting of airflow mode and external static pressure mode is shown without < >.				
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.				
5.It is possible to reduce the pipe size to Φ6.35 using a "Reducer" included in the accessory bag.				
The pipe size required depends on the connected outdoor unit, so check the Outdoor Unit Installation Manual to confirm whether the Reducer can be used.				
6.For more detailed information, contact your local distributor.				
			*Above specification data is subject to rounding variation.	

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner				(Ceiling-concealed TYPE)	
MODEL			PEFY-MS100VMHS-A		
Power source			1-phase 220-230-240 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	11.2		
	*1	BTU/h	38,200		
	*2	Power input	kW	0.160	
	*2	Current input	A	(220-230-240 V) 1.050-1.010-0.960	
Heating capacity (Nominal)	*3	kW	12.5		
	*3	BTU/h	42,700		
	*2	Power input	kW	0.160	
	*2	Current input	A	(220-230-240 V) 1.050-1.010-0.960	
External finish			Galvanized steel plate		
External dimension HxWxD		mm	380 x 1,195 x 900		
		in.	15 x 47-1/16 x 35-7/16		
Net weight		kg (lbs)	51.0 (113)		
Heat exchanger			Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 2		
	*4	External static press.	Pa	50 - <100> - <150> - <200>	
			mmH ₂ O	5.1 - <10.2> - <15.3> - <20.4>	
	Motor Type		DC motor		
	Motor output		kW	0.375	
	Driving mechanism		Direct-driven by motor		
	Air flow rate		(Low-Mid-High)		
			m ³ /min	26.5 - 32.0 - 38.0	
			L/s	442 - 533 - 633	
		cfm	936 - 1,130 - 1,342		
Sound pressure level (measured in anechoic room)			(Low-Mid-High)		
		*2	dB (A)	28.0-32.0-35.5	
Insulation material			EPS, Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter			Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.		
Protection device			Fuse		
Refrigerant control device			LEV		
Connectable outdoor unit		*5	R32, R410A CITY MULTI		
Refrigerant diameter	Liquid	mm (in.)	9.52 (3/8)Brazed		
	Gas	mm (in.)	15.88 (5/8)Brazed		
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)		
Drawing	External		KB94CAAB		
	Wiring		KB94CAAC		
	Refrigerant cycle		-		
Standard attachment	Document		Installation Manual, Instruction Book		
	Accessory		Washer, Drain socket, Tie band, Reducer		
Optional parts	Drain pump kit		PAC-DRP10DP-E2		
	Long life filter		PAC-KE89LAF		
	Filter box		PAC-KE140TB-F		
Remarks					
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.					
* Due to continuing improvement, above specifications may be subject to change without notice.					
Notes:				Unit converter	
1.Nominal cooling conditions				BTU/h =kW x 3,412	
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)				cfm =m ³ /min x 35.31	
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)				lbs =kg/0.4536	
2.The values are measured at the factory setting of external static pressure.					
3.Nominal heating conditions					
Indoor: 20 ° CD.B. (68 ° FD.B.), Outdoor: 7 ° CD.B./6 ° CW.B. (45 ° FD.B./43 ° FW.B.)					
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)					
4.The factory setting of airflow mode and external static pressure mode is shown without < >.					
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.					
5.For more detailed information, contact your local distributor.					
				*Above specification data is subject to rounding variation.	

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner (Ceiling-concealed TYPE)				
MODEL		PEFY-MS125VMHS-A		
Power source		1-phase 220-230-240 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	14.0	
	*1	BTU/h	47,800	
	*2	Power input	kW	0.283
	*2	Current input	A	(220-230-240 V) 1.860-1.782-1.716
Heating capacity (Nominal)	*3	kW	16.0	
	*3	BTU/h	54,600	
	*2	Power input	kW	0.283
	*2	Current input	A	(220-230-240 V) 1.860-1.782-1.716
External finish		Galvanized steel plate		
External dimension HxWxD		mm	380 x 1,195 x 900	
		in.	15 x 47-1/16 x 35-7/16	
Net weight		kg (lbs)	51.0 (113)	
Heat exchanger		Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 2	
	*4	External static press.	Pa	50 - <100> - <150> - <200>
			mmH ₂ O	5.1 - <10.2> - <15.3> - <20.4>
	Motor Type		DC motor	
	Motor output		kW	0.375
	Driving mechanism		Direct-driven by motor	
	Air flow rate		(Low-Mid-High)	
			m ³ /min	28.0 - 34.0 - 45.5
			L/s	467 - 567 - 758
			cfm	989 - 1,201 - 1,607
Sound pressure level (measured in anechoic room)		(Low-Mid-High)		
*2		dB (A)	28.5-33.0-40.0	
Insulation material		EPS, Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter		Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.		
Protection device		Fuse		
Refrigerant control device		LEV		
Connectable outdoor unit		*5	R32, R410A CITY MULTI	
Refrigerant diameter	Liquid	mm (in.)	9.52 (3/8)Brazed	
	Gas	mm (in.)	15.88 (5/8)Brazed	
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	
Drawing	External		KB94CAAB	
	Wiring		KB94CAAC	
	Refrigerant cycle		-	
Standard attachment	Document		Installation Manual, Instruction Book	
	Accessory		Washer, Drain socket, Tie band, Reducer	
Optional parts	Drain pump kit		PAC-DRP10DP-E2	
	Long life filter		PAC-KE89LAF	
	Filter box		PAC-KE140TB-F	
Remarks				
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual				
* Due to continuing improvement, above specifications may be subject to change without notice.				
Notes:			Unit converter	
1.Nominal cooling conditions			BTU/h =kW x 3,412	
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)			cfm =m ³ /min x 35.31	
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)			lbs =kg/0.4536	
2.The values are measured at the factory setting of external static pressure.				
3.Nominal heating conditions				
Indoor: 20° CD.B. (68° FD.B.), Outdoor: 7° CD.B./6° CW.B. (45° FD.B./43° FW.B.)				
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)				
4.The factory setting of airflow mode and external static pressure mode is shown without < >.				
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.				
5.For more detailed information, contact your local distributor.				
			*Above specification data is subject to rounding variation.	

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner (Ceiling-concealed TYPE)			
MODEL		PEFY-MS140VMHS-A	
Power source		1-phase 220-230-240 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	16.0
	*1	BTU/h	54,600
	*2	Power input	0.286
	*2	Current input	(220-230-240 V) 1.848-1.771-1.694
Heating capacity (Nominal)	*3	kW	18.0
	*3	BTU/h	61,400
	*2	Power input	0.286
	*2	Current input	(220-230-240 V) 1.848-1.771-1.694
External finish		Galvanized steel plate	
External dimension HxWxD	mm	380 x 1,195 x 900	
	in.	15 x 47-1/16 x 35-7/16	
Net weight	kg (lbs)	53.0 (117)	
Heat exchanger		Cross fin (Aluminum fin and copper tube)	
FAN	Type x Quantity		Sirocco fan x 2
	*4 External static press.	Pa	50 - <100> - <150> - <200>
		mmH ₂ O	5.1 - <10.2> - <15.3> - <20.4>
	Motor Type		DC motor
	Motor output		0.375
	Driving mechanism		Direct-driven by motor
	Air flow rate		(Low-Mid-High)
			28.0 - 34.0 - 45.5
			467 - 567 - 758
		989 - 1,201 - 1,607	
Sound pressure level (measured in anechoic room)		(Low-Mid-High)	
*2		dB (A)	29.0-33.5-41.0
Insulation material		EPS, Polystyrene foam, Polyethylene foam, Urethane foam	
Air filter		Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.	
Protection device		Fuse	
Refrigerant control device		LEV	
Connectable outdoor unit		*5	R32, R410A CITY MULTI
Refrigerant diameter	Liquid	mm (in.)	9.52 (3/8)Braze
	Gas	mm (in.)	15.88 (5/8)Braze
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)
Drawing	External		KB94CAAB
	Wiring		KB94CAAC
	Refrigerant cycle		-
Standard attachment	Document		Installation Manual, Instruction Book
	Accessory		Washer, Drain socket, Tie band, Reducer
Optional parts	Drain pump kit		PAC-DRP10DP-E2
	Long life filter		PAC-KE89LAF
	Filter box		PAC-KE140TB-F
Remarks			
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.			
* Due to continuing improvement, above specifications may be subject to change without notice.			
Notes:			Unit converter
1.Nominal cooling conditions			BTU/h =kW x 3,412
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)			cfm =m ³ /min x 35.31
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)			lbs =kg/0.4536
2.The values are measured at the factory setting of external static pressure.			
3.Nominal heating conditions			
Indoor: 20° CD.B. (68° FD.B.), Outdoor: 7° CD.B./6° CW.B. (45° FD.B./43° FW.B.)			
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)			
4.The factory setting of airflow mode and external static pressure mode is shown without < > .			
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.			
5.For more detailed information, contact your local distributor.			
			*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner (Ceiling-concealed TYPE)					
MODEL		PEFY-MS160VMHS-A			
Power source		1-phase 220-230-240 V 50/60 Hz			
Cooling capacity (Nominal)	*1	kW	18.0		
	*1	BTU/h	61,400		
	*2	Power input	kW	0.470	
	*2	Current input	A	(220-230-240 V) 2.71-2.59-2.49	
Heating capacity (Nominal)	*3	kW	20.0		
	*3	BTU/h	68,200		
	*2	Power input	kW	0.470	
	*2	Current input	A	(220-230-240 V) 2.71-2.59-2.49	
External finish		Galvanized steel plate			
External dimension HxWxD	mm		470 x 1,250 x 1,120		
	in.		18-9/16 x 49-1/4 x 44-1/8		
Net weight	kg (lbs)		84.0 (186)		
Heat exchanger		Cross fin (Aluminum fin and copper tube)			
FAN	Type x Quantity		Sirocco fan x 2		
	*4	External static press.	Pa	<100> - 150 - <200> - <250>	
			mmH ₂ O	<10.2> - 15.3 - <20.4> - <25.5>	
	Motor Type		DC motor		
	Motor output		kW	0.733	
	Driving mechanism		Direct-driven by motor		
	Air flow rate		(Low-Mid-High)		
			m ³ /min		36.0 - 42.0 - 60.0
			L/s		600 - 700 - 1,000
			cfm		1,271 - 1,483 - 2,119
Sound pressure level (measured in anechoic room)		(Low-Mid-High)			
*2		dB (A)		34.5-38.5-47.5	
Insulation material		EPS, Polystyrene foam, Polyethylene foam, Urethane foam			
Air filter		Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.			
Protection device		Fuse			
Refrigerant control device		LEV			
Connectable outdoor unit		*5 R32, R410A CITY MULTI			
Refrigerant diameter	Liquid	mm (in.)	9.52 (3/8)Brazed		
	Gas	mm (in.)	19.05 (3/4)Brazed		
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)		
Drawing	External		KB94CAXP		
	Wiring		KB94CANF		
	Refrigerant cycle		-		
Standard attachment	Document			Installation Manual, Instruction Book	
	Accessory		Insulation pipe for refrigerant pipe, Washer, Drain socket, Tie band, Breaker tag, Breaker label		
Optional parts	Drain pump kit		PAC-KE06DM-F2		
	Long life filter		PAC-KE85LAF		
	Filter box		PAC-KE250TB-F		
Remarks					
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.					
* Due to continuing improvement, above specifications may be subject to change without notice.					
Notes:			Unit converter		
1.Nominal cooling conditions			BTU/h =kW x 3,412		
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)			cfm =m ³ /min x 35.31		
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)			lbs =kg/0.4536		
2.The values are measured at the factory setting of external static pressure.					
3.Nominal heating conditions					
Indoor: 20° C D.B. (68° F D.B.), Outdoor: 7° C D.B./6° C W.B. (45° F D.B./43° F W.B.)					
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)					
4.The factory setting of airflow mode and external static pressure mode is shown without < >.					
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.					
5.For more detailed information, contact your local distributor.			*Above specification data is subject to rounding variation.		

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner				(Ceiling-concealed TYPE)	
MODEL			PEFY-MS180VMHS-A		
Power source			1-phase 220-230-240 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	20.2		
	*1	BTU/h	68,900		
	*2	Power input	kW	0.630	
	*2	Current input	A	(220-230-240 V) 3.48-3.33-3.19	
Heating capacity (Nominal)	*3	kW	22.5		
	*3	BTU/h	76,800		
	*2	Power input	kW	0.630	
	*2	Current input	A	(220-230-240 V) 3.48-3.33-3.19	
External finish			Galvanized steel plate		
External dimension HxWxD		mm	470 x 1,250 x 1,120		
		in.	18-9/16 x 49-1/4 x 44-1/8		
Net weight		kg (lbs)	84.0 (186)		
Heat exchanger			Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 2		
	*4	External static press.	Pa	<100> - 150 - <200> - <250>	
			mmH ₂ O	<10.2> - 15.3 - <20.4> - <25.5>	
	Motor Type		DC motor		
	Motor output		kW	0.733	
	Driving mechanism		Direct-driven by motor		
	Air flow rate		(Low-Mid-High)		
			m ³ /min	50.0 - 61.0 - 72.0	
			L/s	833 - 1,017 - 1,200	
		cfm	1,766 - 2,154 - 2,542		
Sound pressure level (measured in anechoic room)			(Low-Mid-High)		
		*2	dB (A)	40.5-45.0-49.0	
Insulation material			EPS, Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter			Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.		
Protection device			Fuse		
Refrigerant control device			LEV		
Connectable outdoor unit			*5	R32, R410A CITY MULTI	
Refrigerant diameter	Liquid	mm (in.)	9.52 (3/8)Brazed		
	Gas	mm (in.)	19.05 (3/4)Brazed		
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)		
Drawing	External		KB94CAXP		
	Wiring		KB94CANF		
	Refrigerant cycle		-		
Standard attachment	Document		Installation Manual, Instruction Book		
	Accessory		Insulation pipe for refrigerant pipe, Washer, Drain socket, Tie band, Breaker tag, Breaker label		
Optional parts	Drain pump kit		PAC-KE06DM-F2		
	Long life filter		PAC-KE85LAF		
	Filter box		PAC-KE250TB-F		
Remarks					
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.					
* Due to continuing improvement, above specifications may be subject to change without notice.					
Notes:					Unit converter
1.Nominal cooling conditions					BTU/h =kW x 3,412
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)					cfm =m ³ /min x 35.31
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)					lbs =kg/0.4536
2.The values are measured at the factory setting of external static pressure.					
3.Nominal heating conditions					
Indoor: 20° C D.B. (68° F D.B.), Outdoor: 7° C D.B./6° C W.B. (45° F D.B./43° F W.B.)					
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)					
4.The factory setting of airflow mode and external static pressure mode is shown without < >.					
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.					
5.For more detailed information, contact your local distributor.					
					*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner				(Ceiling-concealed TYPE)		
MODEL				PEFY-MS200VMHS-A		
Power source				1-phase 220-230-240 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	22.4			
	*1	BTU/h	76,400			
	*2	Power input	kW	0.630		
	*2	Current input	A	(220-230-240 V)		3.48-3.33-3.19
Heating capacity (Nominal)	*3	kW	25.0			
	*3	BTU/h	85,300			
	*2	Power input	kW	0.630		
	*2	Current input	A	(220-230-240 V)		3.48-3.33-3.19
External finish				Galvanized steel plate		
External dimension HxWxD		mm	470 x 1,250 x 1,120			
		in.	18-9/16 x 49-1/4 x 44-1/8			
Net weight		kg (lbs)	84.0 (186)			
Heat exchanger				Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 2			
	*4	External static press.	Pa	<100> - 150 - <200> - <250>		
			mmH ₂ O	<10.2> - 15.3 - <20.4> - <25.5>		
	Motor Type		DC motor			
	Motor output		kW	0.733		
	Driving mechanism		Direct-driven by motor			
	Air flow rate		(Low-Mid-High)			
			m ³ /min	50.0 - 61.0 - 72.0		
			L/s	833 - 1,017 - 1,200		
		cfm	1,766 - 2,154 - 2,542			
Sound pressure level (measured in anechoic room)				(Low-Mid-High)		
		*2	dB (A)	40.5-45.0-49.0		
Insulation material				EPS, Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter				Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.		
Protection device				Fuse		
Refrigerant control device				LEV		
Connectable outdoor unit				*5	R32, R410A CITY MULTI	
Refrigerant diameter	Liquid	mm (in.)	9.52 (3/8)Brazed			
	Gas	mm (in.)	19.05 (3/4)Brazed			
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)			
Drawing	External		KB94CAXP			
	Wiring		KB94CANF			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual, Instruction Book			
	Accessory		Insulation pipe for refrigerant pipe, Washer, Drain socket, Tie band, Breaker tag, Breaker label			
Optional parts	Drain pump kit		PAC-KE06DM-F2			
	Long life filter		PAC-KE85LAF			
	Filter box		PAC-KE250TB-F			
Remarks						
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.						
* Due to continuing improvement, above specifications may be subject to change without notice.						
Notes:				Unit converter		
1.Nominal cooling conditions				BTU/h =kW x 3,412		
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)				cfm =m ³ /min x 35.31		
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)				lbs =kg/0.4536		
2.The values are measured at the factory setting of external static pressure.						
3.Nominal heating conditions						
Indoor: 20° C D.B. (68° F D.B.), Outdoor: 7° C D.B./6° C W.B. (45° F D.B./43° F W.B.)						
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)						
4.The factory setting of airflow mode and external static pressure mode is shown without < >.						
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.						
5.For more detailed information, contact your local distributor.				*Above specification data is subject to rounding variation.		

1. SPECIFICATIONS

Ceiling concealed (High static pressure type)

PEFY-MS-VMHS-A

SPECIFICATIONS OF Air Conditioner				(Ceiling-concealed TYPE)	
MODEL			PEFY-MS250VMHS-A		
Power source			1-phase 220-230-240 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	28.0		
	*1	BTU/h	95,500		
	*2	Power input	kW	0.910	
	*2	Current input	A	(220-230-240 V) 4.57-4.37-4.19	
Heating capacity (Nominal)	*3	kW	31.5		
	*3	BTU/h	107,500		
	*2	Power input	kW	0.910	
	*2	Current input	A	(220-230-240 V) 4.57-4.37-4.19	
External finish			Galvanized steel plate		
External dimension HxWxD		mm	470 x 1,250 x 1,120		
		in.	18-9/16 x 49-1/4 x 44-1/8		
Net weight		kg (lbs)	87.0 (192)		
Heat exchanger			Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 2		
	*4 External static press.	Pa	<100> - 150 - <200> - <250>		
		mmH ₂ O	<10.2> - 15.3 - <20.4> - <25.5>		
	Motor Type		DC motor		
	Motor output		0.733		
	Driving mechanism		Direct-driven by motor		
	Air flow rate		(Low-Mid-High)		
			58.0 - 71.0 - 84.0		
			967 - 1,183 - 1,400		
			2,048 - 2,507 - 2,966		
Sound pressure level (measured in anechoic room)		(Low-Mid-High)			
*2 dB (A)		42.5-47.5-51.5			
Insulation material			EPS, Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter			Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.		
Protection device			Fuse		
Refrigerant control device			LEV		
Connectable outdoor unit *5			R32, R410A CITY MULTI		
Refrigerant diameter	Liquid	mm (in.)	9.52 (3/8)Braze		
	Gas	mm (in.)	22.2 (7/8)Braze		
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)		
Drawing	External		KB94CAXP		
	Wiring		KB94CANF		
	Refrigerant cycle		-		
Standard attachment	Document		Installation Manual, Instruction Book		
	Accessory		Insulation pipe for refrigerant pipe, Washer, Drain socket, Tie band, Breaker tag, Breaker label		
Optional parts	Drain pump kit		PAC-KE06DM-F2		
	Long life filter		PAC-KE85LAF		
	Filter box		PAC-KE250TB-F		
Remarks					
* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.					
* Due to continuing improvement, above specifications may be subject to change without notice.					
Notes:				Unit converter	
1.Nominal cooling conditions				BTU/h =kW x 3,412	
Indoor: 27° C D.B./19° C W.B. (81° F D.B./66° F W.B.), Outdoor: 35° C D.B. (95° F D.B.)				cfm =m ³ /min x 35.31	
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)				lbs =kg/0.4536	
2.The values are measured at the factory setting of external static pressure.					
3.Nominal heating conditions					
Indoor: 20° CD.B. (68° FD.B.), Outdoor: 7° CD.B./6° CW.B. (45° FD.B./43° FW.B.)					
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)					
4.The factory setting of airflow mode and external static pressure mode is shown without < >.					
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.					
5.For more detailed information, contact your local distributor.				*Above specification data is subject to rounding variation.	