



Model		PUMY-P112VKM5(-BS)	PUMY-P125VKM5(-BS)	PUMY-P140VKM5(-BS)	PUMY-P112YKM4(-BS)	PUMY-P125YKM4(-BS)	PUMY-P140YKM4(-BS)	PUMY-P200YKM2(-BS)	
Power Source		1-phase 220 - 230 - 240V 50Hz			3-phase 380 - 400 - 415V 50Hz				
Cooling Capacity (nominal)	*1 kW	12.5	14.0	15.5	12.5	14.0	15.5	22.4	
	Power Input kW	2.79	3.46	4.52	2.79	3.46	4.52	6.05	
	Current Input A	12.87 - 12.32 - 11.80	15.97 - 15.27 - 14.64	20.86 - 19.95 - 19.12	4.99 - 4.74 - 4.57	5.84 - 5.55 - 5.35	7.23 - 6.87 - 6.62	9.88 - 9.39 - 9.05	
	EER kW/kW	4.48	4.05	3.43	4.48	4.05	3.43	3.70	
Temp. Range of Cooling	Indoor Temp. W.B.	15.0 - 24.0°C	15.0 - 24.0°C	15.0 - 24.0°C	15.0 - 24.0°C	15.0 - 24.0°C	15.0 - 24.0°C	15.0 - 24.0°C	
	Outdoor Temp.*3 D.B.	-5.0 - 52.0°C	-5.0 - 52.0°C	-5.0 - 52.0°C	-5.0 - 52.0°C	-5.0 - 52.0°C	-5.0 - 52.0°C	-5.0 - 52.0°C	
Heating Capacity (nominal)	*2 kW	14.0	16.0	18.0	14.0	16.0	18.0	25.0	
	Power Input kW	3.04	3.74	4.47	3.04	3.74	4.47	5.84	
	Current Input A	14.03 - 13.42 - 12.86	17.26 - 16.51 - 15.82	20.63 - 19.73 - 18.91	5.43 - 5.16 - 4.98	6.31 - 6.00 - 5.78	7.15 - 6.79 - 6.55	9.54 - 9.06 - 8.74	
	COP kW/kW	4.61	4.28	4.03	4.61	4.28	4.03	4.28	
Temp. Range of Heating	Indoor Temp. D.B.	15.0 - 27.0°C	15.0 - 27.0°C	15.0 - 27.0°C	15.0 - 27.0°C	15.0 - 27.0°C	15.0 - 27.0°C	15.0 - 27.0°C	
	Outdoor Temp. W.B.	-20.0 - 15.0°C	-20.0 - 15.0°C	-20.0 - 15.0°C	-20.0 - 15.0°C	-20.0 - 15.0°C	-20.0 - 15.0°C	-20.0 - 15.0°C	
Indoor Unit Connectable	Total Capacity	50 to 130% of outdoor unit capacity							
	Model / Quantity	City Multi	10 - 140 / 9	10 - 140 / 10	10 - 140 / 12	10 - 140 / 9	10 - 140 / 10	10 - 140 / 12	
		Branch Box*5	15 - 100 / 8	15 - 100 / 8	15 - 100 / 8	15 - 100 / 8	15 - 100 / 8	15 - 100 / 8	
	Mixed System	Branch Box 1 unit	City Multi	10 - 140 / 5	10 - 140 / 5	10 - 140 / 5	10 - 140 / 5	10 - 140 / 5	
		Branch Box	15 - 100 / 5	15 - 100 / 5	15 - 100 / 5	15 - 100 / 5	15 - 100 / 5	15 - 100 / 5	
	Branch Box 2 units	City Multi	10 - 140 / 3 or 2**4	10 - 140 / 3	10 - 140 / 3	10 - 140 / 3 or 2**4	10 - 140 / 3		
	Branch Box	15 - 100 / 7 or 8**4	15 - 100 / 8	15 - 100 / 8	15 - 100 / 7 or 8**4	15 - 100 / 8	15 - 100 / 8		
Sound Pressure Level (measured in anechoic room)	dB <A>	49 / 51	50 / 52	51 / 53	49 / 51	50 / 52	51 / 53	56 / 61	
Refrigerant Piping Diameter	Liquid Pipe mm	9.52 Flare						9.52**6 Flare	
	Gas Pipe mm	15.88 Flare						19.1 Flare	
Fan	Type x Quantity	Propeller Fan x 2							
	Air Flow Rate	m ³ /min	110						139
		L/s	1,883						2,316
		cfm	3,884						4,908
Motor Output	kW	0.074 + 0.074						0.20 + 0.20	
Compressor	Type x Quantity	Scroll hermetic compressor x 1							
	Starting Method	Inverter							
	Motor Output	kW	2.9	3.5	3.9	2.9	3.5	3.9	
External Dimensions (H x W x D)	mm	1,338x1,050x330 (+40)							
Weight	kg	123			125				141

*1, *2 Nominal conditions

	Indoor	Outdoor	Piping Length	Level Difference
Cooling	27°C DB / 19°C WB	35°C	7.5m	0m
Heating	20°C DB	7°C DB / 6°C WB	7.5m	0m

*3 10 to 52°C D.B.: When connecting PKFY-P15/20/25/32VBM, PFFY-P20/25/32VKM and PFFY-P20/25/32VLE(R)M, PEFY-P-VMA3, M, S and P series indoor unit.

**4 When connecting 7 indoor units via branch box, connectable City Multi indoor units are 3; connecting 8 indoor units via branch box, connectable indoor units are 2.

**5 At least 2 indoor units must be connected when using branch box.

**6 Liquid pipe diameter: 12.7mm when piping length is more than 60m.

Model		PUMY-P112YKME4(-BS)	PUMY-P125YKME4(-BS)	PUMY-P140YKME4(-BS)	
Power Source		3-phase 380 - 400 - 415V 50Hz			
Cooling Capacity (nominal)	*1 kW	12.5	14.0	15.5	
	Power Input kW	2.79	3.46	4.52	
	Current Input A	4.99 / 4.74 / 4.57	5.84 / 5.55 / 5.35	7.23 / 6.87 / 6.62	
	EER kW/kW	4.48	4.05	3.43	
Temp. Range of Cooling	Indoor Temp. W.B.	15 to 24°C			
	Outdoor Temp.*3 D.B.	-5 to 52°C			
Heating Capacity (nominal)	*2 kW	14.0	16.0	18.0	
	Power Input kW	3.04	3.74	4.47	
	Current Input A	5.43 / 5.16 / 4.98	6.31 / 6.00 / 5.78	7.15 / 6.79 / 6.55	
	COP kW/kW	4.61	4.28	4.03	
Temp. Range of Heating	Indoor Temp. D.B.	15 to 27°C			
	Outdoor Temp. W.B.	-20 to 15°C			
Indoor Unit Connectable	Total Capacity	50 to 130% of outdoor unit capacity			
	Model / Quantity	City Multi	10 - 140 / 9	10 - 140 / 10	
		Branch Box*5	15 - 100 / 8	15 - 100 / 8	
	Mixed System	Branch Box 1 unit	City Multi	10 - 140 / 5	10 - 140 / 5
		Branch Box	15 - 100 / 5	15 - 100 / 5	15 - 100 / 5
	Branch Box 2 units	City Multi	10 - 140 / 3 or 2**4	10 - 140 / 3	
	Branch Box	15 - 100 / 7 or 8**4	15 - 100 / 8	15 - 100 / 8	
Sound Pressure Level (measured in anechoic room)	dB <A>	49 / 51	50 / 52	51 / 53	
Refrigerant Piping Diameter	Liquid Pipe mm	9.52 Flare			
	Gas Pipe mm	15.88 Flare			
Fan	Type x Quantity	Propeller Fan x 2			
	Air Flow Rate	m ³ /min	110		
		L/s	1,833		
		cfm	3,884		
Motor Output	kW	0.074 + 0.074			
Compressor	Type x Quantity	Scroll hermetic compressor x 1			
	Starting Method	Inverter			
	Motor Output	kW	2.9	3.5	3.9
External Dimensions (H x W x D)	mm	1,338x1,050x330 (+40)			
Weight	kg	136			

*1, *2 Nominal conditions

	Indoor	Outdoor	Piping Length	Level Difference
Cooling	27°C DB / 19°C WB	35°C	7.5m	0m
Heating	20°C DB	7°C DB / 6°C WB	7.5m	0m

*3 10 to 52°C D.B.: When connecting PKFY-P15/20/25/32VBM, PFFY-P20/25/32VKM and PFFY-P20/25/32VLE(R)M, PEFY-P-VMA3, M, S and P series indoor unit.

**4 When connecting 7 indoor units via branch box, connectable City Multi indoor units are 3; connecting 8 indoor units via branch box, connectable indoor units are 2.

**5 At least 2 indoor units must be connected when using branch box.

Type	Branch Box		
Model Name	PAC-MK54BC	PAC-MK34BC	
Connectable Number of Indoor Units	Maximum 5	Maximum 3	
Power Supply (from outdoor unit)	~ / N, 220 / 230 / 240 V, 50 Hz, ~ / N, 220 / 230 V, 60 Hz		
Input	kW	0.003	
Running Current	A	0.05 (Max. 6)	
Dimensions	H x W x D	mm 170 x 450 x 280	
Weight	kg	7.4 / 6.7	
Piping Connection (Flare)	Branch (Indoor Side)	Liquid	mm ø6.35 x 5
		Gas	mm ø9.52 x 4, ø12.7 x 1
	Main (Outdoor Side)	Liquid	mm ø9.52
		Gas	mm ø15.88

* The piping connection size differs according to the type and capacity of outdoor/indoor units. Match the piping connection size of branch box with outdoor/indoor unit. If the piping connection size of branch box does not match the piping connection size of outdoor/indoor unit, use optional different-diameter (deformed) joints to the branch box side. (Connect deformed joint directly to the branch box side.)