Model					PUMY-P112VKM5(-BS)	PUMY-P125VKM5(-BS)	PUMY-P140VKM5(-BS)
Power source					1-phase 220-230-240 V, 50 Hz; 1-phase 220-230 V, 60 Hz		
Cooling capacity (Nominal)		kW*1			12.5	14.0	15.5
		kcal/h*1			10,750	12,040	13,330
		Btu/h*1			42,650	47,768	52,886
	Power input	kW			2.79	3.46	4.52
	Current input	A			12.87-12.32-11.80, 12.87-12.32	15.97-15.27-14.64, 15.97-15.27	20.86-19.95-19.12, 20.86-19.95
	COP	kW/kW			4.48	4.05	3.43
Temp. range of cooling	Indoor temp.	W.B.			15 to 24°C		
	Outdoor temp.	D.B.			−5 to 52°C *3, *4		
Heating capacity (Nominal)		kW*2			14.0	16.0	18.0
		kcal/h*2			12,040	13,760	15,480
		Btu/h*2			47,768	54,592	61,416
	Power input	kW			3.04	3.74	4.47
	Current input	A			14.03-13.42-12.86,14.03-13.42	17.26-16.51-15.82,17.26-16.51	20.63-19.73-18.91,20.63-19.73
	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			P10 - P140 / 9	P10 - P140 / 10	P10 - P140 / 12
		Branch box*6			P15 - P100 / 8	P15 - P100 / 8	P15 - P100 / 8
		Mixed system	Branch box 1unit*6	CITY MULTI	P15 - P140 / 5	P15 - P140 / 5	P15 - P140 / 5
				Branch box	P15 - P100 / 5	P15 - P100 / 5	P15 - P100 / 5
			Branch box 2unit*6	CITY MULTI	P15 - P140 / 3 or 2*5	P15 - P140 / 3	P15 - P140 / 3
				Branch box	P15 - P100 / 7 or 8*5	P15 - P100 / 8	P15 - P100 / 8
Sound pressure level (SPL) (measured in anechoic room)		dB <A>			49/51	50/52	51/53
Sound power level (PWL) (measured in anechoic room)		dB <A>			69/71	70/72	71/73
Refrigerant piping diameter	Liquid pipe	mm (inch)			9.52 (3/8)		
	Gas pipe	mm (inch)			15.88 (5/8)		
FAN *2	Type × Quantity				Propeller Fan x 2		
	Airflow rate	m³/min			110		
		L/s			1,833		
		cfm			3,884		
	Control, Driving mechanism				DC control		
	Motor output	kW			0.074+0.074		
	External static press.				0		
Compressor	Type × Quantity				Scroll hermetic compressor x 1		
	Manufacture				Mitsubishi Electric Corporation		
	Starting method				Inverter		
	Capacity control	%			Cooling 26 to 100 Heating 20 to 100	Cooling 24 to 100 Heating 18 to 100	Cooling 21 to 100 Heating 17 to 100
	Motor output	kW			2.9	3.5	3.9
	Case heater	kW			0		
	Lubricant				FV50S (2.3litter)		
External finish					Galvanized Steel Sheet Munsell No. 3Y 7.8/1.1		
External dimension H × W × D		mm			1,338×1,050×330(+40)		
		inch			52-11/16 × 41-11/32 × 13(+1-9/16)		
Protection devices	High pressure protection				High pressure Switch		
	Inverter circuit (COMP./FAN)				Overcurrent detection, Overheat detection(Heat sink thermistor)		
	Compressor				Compressor thermistor, Overcurrent detection		
	Fan motor				Overheating, Voltage protection, Overcurrent detection		
Refrigerant	Type × original charge				R410A 4.8 kg		
	Control				Linear expansion valve		
Net weight		kg (lb)			123 (271)		
Heat exchanger					Cross Fin and Copper tube		
HIC circuit (HIC: Heat Inter-Changer)					Double pipe heat exchanger		
Defrosting method					Reversed refrigerant circuit		
Standard attachment	Document				Installation Manual		
	Accessory				Grounded lead wire ×1		
Optional parts					Joint: CMY-Y62-G-E, Header: CMY-Y64/68-G-E, Branch box: PAC-MK34/54BC		

Remarks

*1 Nominal cooling conditions
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.]
Pipe length : 7.5 m [24-9/16 ft]
Level difference : 0 m [0 ft]

*2 Nominal heating conditions
20°C D.B. [68°F D.B.]
7°C DB/6°C W.B. [45°F D.B./43°F W.B.]
7.5 m [24-9/16 ft]
0 m [0 ft]

*3 10 to 52°C D.B. [50 to 126°F D.B.], when connecting following models: PKFY-P10/15/20/25/32VLM, PFFY-P20/25/32VLEM, PFFY-P20/25/32VLRM(M), PFFY-P20/25/32VKM, PFFY-P20/25/32VCM, PEFY-P25/32/40VMA3; and M series, S series, and P series type indoor unit.

*4 −15 to 52°C D.B. [50 to 126°F D.B.], when using an optional air protect guide [PAC-SH95AG-E]. However, this condition does not apply to the indoor unit listed in *3.

*5 When connecting 7 indoor units via branch box, connectable CITY MULTI indoor units are 3; connecting 8 indoor units via branch box, connectable CITY MULTI indoor units are 2.

*6 At least two indoor unit must be connected when using branch box.

Notes : 1. Nominal conditions *1, *2 are subject to ISO 15042.
2. Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

kcal/h = kW × 860
Btu/h = kW × 3,412
cfm = m³/min × 35.31
lb = kg/0.4536

Above specification data is subject to rounding variation.

PUMY-P-VKM5(-BS)