

1. SPECIFICATIONS

DATA U4

Model			PUMY-P36NHMU(-BS)	PUMY-P48NHMU(-BS)	
Power source			1-phase 208-230 V 60Hz		
Cooling capacity (Nominal)	*1	BTU / h	36,000	48,000	
	*1	kW	10.6	14.1	
		Power input	kW	3.22	4.97
		Current input(208-230)	A	14.23-15.74	24.0-21.7
		COP (kW / kW)		3.29	2.83
Temp. range of cooling	Indoor		59 to 75 degFW.B. (15 to 24 degCW.B.)		
	Outdoor		23 to 115 degFD.B. (-5 to 46 degCD.B.)		
			50 to 115 degFD.B.(10 to 46 degCD.B.) : in case of connecting PKFY-P06/P08 type indoor unit.		
Heating capacity (Nominal)	*2	BTU / h	40,000	54,000	
	*2	kW	11.7	15.8	
		Power input	kW	2.93	4.88
		Current input(208-230)	A	12.88-14.24	23.6-21.3
		COP (kW / kW)		3.99	3.23
Temp. range of heating	Indoor		59 to 81 degFD.B. (15 to 27 degCD.B.)		
	Outdoor		0 to 60 degFW.B. (-18 to 15.5 degCW.B.)		
Indoor unit connectable	Total capacity		50-130% of outdoor unit capacity		
	Model / Quantity		P06-P36 / 1-6		
Sound pressure level (measured in anechoic room)	dB <A>		49 / 51		
			50 / 52		
Diameter of refrigerant pipe (O.D.)	Liquid (High press.)	in. (mm)	3/8 (9.52) Flare (total length>=393ft. (120m))	3/8 (9.52) Flare (total length>=393ft. (120m))	
	Gas (Low press.)	in. (mm)	5/8 (15.88) Flare	5/8 (15.88) Flare	
External finish			Galvanized sheets(+power coating for -BS type) <MUNSELL 3Y 7.8/1.1>		
External dimension H x W x D	in.		53-5/32 x 37-13/32 x 13		
	mm		1,350 x 950 x 330		
Net weight	lbs(kg)		287 (130)		
Heat exchanger			Salt-resistant cross fin & copper tube		
Compressor	Type		Inverter scroll hermetic comp.		
	Manufacturer		SHIZUOKA Works,MITSUBISHI ELECTRIC CORPORATION		
	Starting method		Inverter		
	Motor output	kW	2.4		
	Case heater	kW	-		
	Lubricant		FV50S		
FAN	Airflow rate	cfm	3,530		
		m3 / min	100		
		L / s	1,667		
	External static press.	in.WG(Pa)	0 (0)		
	Type x Quantity		Propeller fan x 2		
	Control, Driving mechanism		DC-control , Direct-driven		
Motor output	kW	0.086 x 2			
HIC circuit (HIC: Heat Inter-Changer)			-		
Protection	High pressure protection		High pressure sensor, High pressure switch 601 psi (4.15 MPa)		
	Inverter circuit (COMP. , FAN)		Over-current protection,Over-heat protection		
	Compressor		Discharge thermo protection,Over-current protection		
	Fan motor		Over-heat protection,Voltege protection		
Defrosting method			Auto-defrost mode (Reversed refrigerant circle)		
Refrigerant	Type x Original charge	lbs + oz (kg)	R410A x (18 lbs + 12 oz) (8.5kg)	R410A x (18 lbs + 12 oz) (8.5kg)	
	Control		indoor LEV		
Drawing	External		BK01B409		
	Wiring		RG79V166		
	Refrigerant cycle		-		
Standard attachment	Document		Installation Manual		
	Accessory		Grounded lead wire x 2 , Conduit plate		
Optional parts			Joint : CMY-Y62-G-E Header:CMY-Y64/68-G-E		
Remark			1.Details on foundation work,duct work,insulation work,electrical wiring,power source switch,and other items shall be referred to the Installation Manual. 2.Only one indoor unit of Fresh Air type is connected with one outdoor unit.		

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
	Indoor : 80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	
	Outdoor : 95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	
	Pipe length : 25 ft. (7.6 m)	25 ft. (7.6 m)	
	Level difference : 0 ft. (0 m)	0 ft. (0 m)	
2. Works not included :			
Installation/foundation work, electrical connection work,duct work, insulation work, power source switch, and other items are not specified in this specifications.			

Ref.: PUMY_NHMU_SPC_P36-48