

1. SPECIFICATIONS

Outdoor units

Model		PURY-P900YSNW-A (-BS)	
Power source		3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	101.0
		kcal/h	86,900
		BTU/h	344,600
	Power input	kW	25.76
		A	43.4-41.3-39.8
Temp. range of cooling	Indoor	W.B.	15.0-24.0°C (59-75°F)
		D.B.	-5.0-52.0°C (23-128°F)
	Outdoor		
Heating capacity (Max)	*2	kW	113.0
		kcal/h	97,200
		BTU/h	385,600
	Power input	kW	28.03
		A	47.3-44.9-43.3
	COP	kW/kW	4.03
	*3	kW	101.0
		kcal/h	86,900
		BTU/h	344,600
Temp. range of heating	Indoor	W.B.	15.0-27.0°C (59-81°F)
		D.B.	-20.0-15.5°C (-4-60°F)
	Outdoor		
Indoor unit connectable	Total capacity	50-150% of outdoor unit capacity	
	Model/Quantity	P15-P250/2-50	
Sound pressure level (measured in anechoic room) *4	dB <A>	68.5/73.0	
		86.0/92.0	
Refrigerant piping diameter	High pressure	mm (in.)	28.58 (1-1/8) Braze
	Low pressure	mm (in.)	41.28 (1-5/8) Braze

PURY-P-Y(S)NW-A

Model		PURY-P450YNW-A (-BS)		PURY-P450YNW-A (-BS)	
FAN	Type x Quantity	Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m ³ /min		315	
		L/s		5,250	
		cfm		11,123	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
Compressor	Motor output	kW	0.46 x 2	0.46 x 2	
	*5 External static press.	0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
	Type	Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Manufacture	AC&R Works, MITSUBISHI ELECTRIC CORPORATION		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
	Starting method	Inverter		Inverter	
External finish	Motor output	kW	12.4	12.4	
	Case heater	kW	-	-	
	Lubricant	MEL32		MEL32	
External dimension H x W x D	mm	Pre-coated galvanized steel sheets (*powder coating for -BS type)		Pre-coated galvanized steel sheets (*powder coating for -BS type)	
		<MUNSELL 5Y 8/1 or similar>		<MUNSELL 5Y 8/1 or similar>	
Protection devices	High pressure protection	1,858 (1,798 without legs) x 1,240 x 740		1,858 (1,798 without legs) x 1,240 x 740	
		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Refrigerant	Type x original charge	High pressure sensor, High pressure switch at 4.15 MPa (60.1 psi)		High pressure sensor, High pressure switch at 4.15 MPa (60.1 psi)	
		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
		Compressor		Compressor	
Net weight	kg (lbs)	Fan motor		Fan motor	
		-		-	
Heat exchanger	High pressure	R410A x 10.8 kg (24 lbs)		R410A x 10.8 kg (24 lbs)	
		Indoor LEV and BC controller		Indoor LEV and BC controller	
HIC circuit (HIC: Heat Inter-Changer)	mm (in.)	293 (646)		293 (646)	
		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
Pipe between unit and distributor	mm (in.)	-		-	
		22.2 (7/8) Braze		22.2 (7/8) Braze	
Defrosting method	mm (in.)	28.58 (1-1/8) Braze		28.58 (1-1/8) Braze	
		Auto-defrost mode (Reversed refrigerant cycle)		Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External	WKS94T753		WKS94T753	
		WKE94G341		WKE94G341	
Standard attachment	Document	Installation Manual		Installation Manual	
		-		-	
Optional parts	Accessory	Outdoor Twinning kit: CMY-R200VBK4		Outdoor Twinning kit: CMY-R200VBK4	
		Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1		Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	
Remarks		Main BC controller: CMB-P108, 1012, 1016V-JA, CMB-P1016V-KA		Main BC controller: CMB-P108, 1012, 1016V-JA, CMB-P1016V-KA	
		Sub BC controller: CMB-P104, 108V-KB		Sub BC controller: CMB-P104, 108V-KB	

Notes:		Unit converter	
1. Nominal cooling conditions (subject to JIS B8615-2)		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./24°C W.B. (95°F D.B./75°F W.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. Nominal heating conditions (subject to JIS B8615-2)			
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.)			
3. Nominal heating conditions (subject to JIS B8615-2)			
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.)			
Eurovent registered			
4. Cooling mode/Heating mode			
5. External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O).			
Consult your dealer about the specification when setting External static pressure option.			