

Screw-type Water-cooled Packaged-type Air Conditioners

Specifications

MADE IN TAIWAN

Model			Duct Type
			PWA-K1750RS
Cooling Capacity		kW	175.0
Power Supply			3ph , 440Vac , 60Hz
Electric Characteristics	Power Consumption	kW	44.8
	Running Current	A	72.0
Compressor	Type		Screw-type
	Starting Method		Y - Δ
	Motor Output	kW	47.25 * 1
	Crankcase Heater	W	—
	Oil Charge	C.C.	Mineral * 7.0
Refrigerant	Type		R22
	Control Method		Expansion Valve
Evaporator	Fan Type		Double Suction Multi-blade Centrifugal Type
	Fan Number		2
	Fan Motor Output	kW	11.25
	Fan Driving Method		Belt
	Rated Air Flow	m ³ /min	450
		ft ³ /min	15,885
	Extenal Static Pressure	Pa	300
	Evaporator Coil		Finned-tube Type
Condenser	Rows / Fins Per Inch		4 / 12 (2sets)
	Type		Shell & Tube
	Water Flow Rate	m ³ /hr	37.5
Water Piping	Water Head Loss	kPa	49.0
	Cooling Water Inlet / Outlet	inch	3B
	Drain (Upper Outlet)	inch	1B
Air Filter	Drain (Bottom Outlet)	inch	1B
			Nylon Fiber Cleanable Type
Fresh Air Intake			From Both Side by Ducting
Room Temperature Control			Thermostat (2 stages)
Safety Devices	Compressor Motor		Internal Thermal Protector & Over Current Relay
	Fan Motor		Internal Thermal Protector
	High-low pressure switch	MPa (G)	2.2 / 0.07
	Fusible Plug		Yes
	Control Circuit		5A Fuse
Dimensions	Height (Net / Packaged)	mm	2060 / 2260
	Width (Net / Packaged)	mm	2165 / 2265
	Depth (Net / Packaged)	mm	1415 / 1465
Weight (Net / Gross)		kg	1380 / 1430

Remarks:

- The electric power supply must be in compliant with this table for each model. Any damage or failure caused by using power supply other than specified in this table is not covered in the warranty.
- The cooling capacity is tested under the conditions specified in ISO.
Operation conditions: Indoor side intake air temperature 27°C, wet bulb temperature 19°C; intake cooling water temperature 30°C, and outlet temperature 35°C.
- Suitable temperature range: 21°C ~ 31°C.
- For the continuous development, the specifications are subjected to modification without notice. The specification is in compliance with the product plate if the content and data altered. If you have any special requirement, please inform us before placing order.

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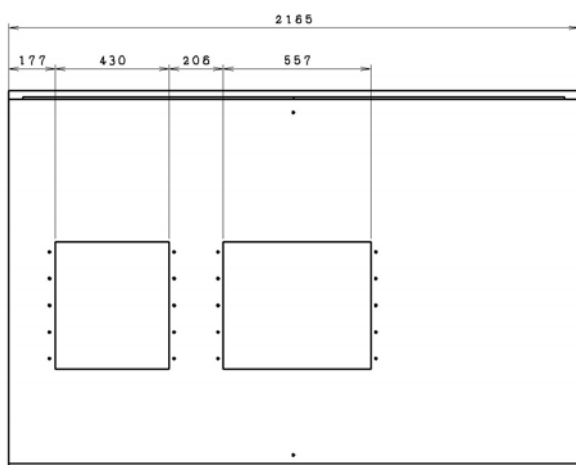
PWA-K1750RS

Duct Type

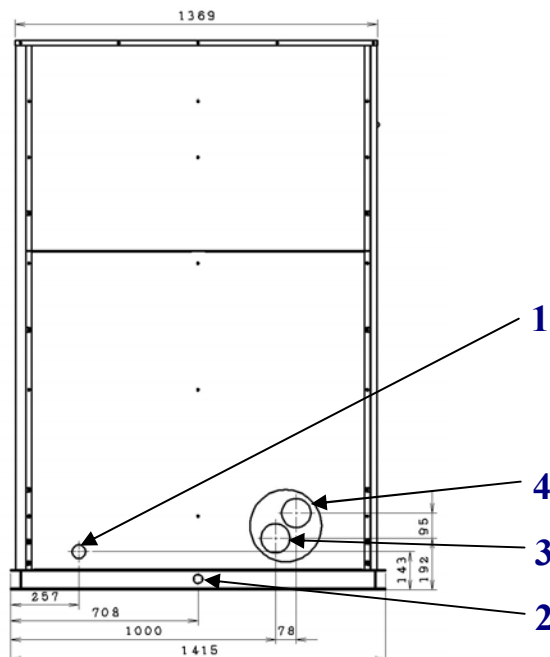
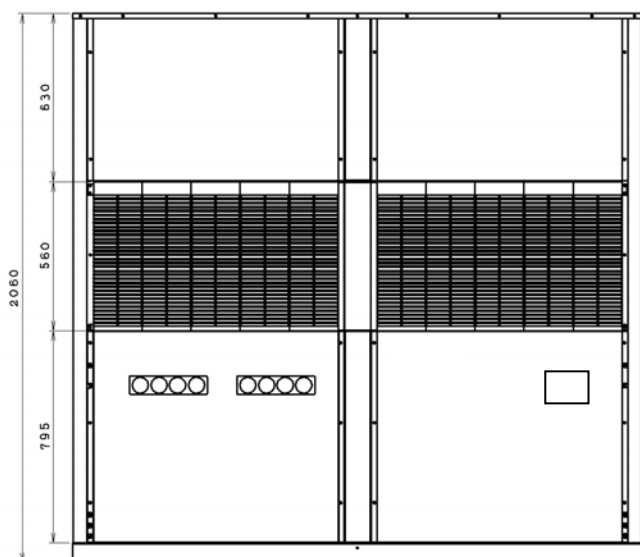
Cooling capacity : 175 kW

Power Supply : 3ph, 440Vac, 60Hz

Dimensions : 2060H*2165W*1415D (mm)



- 1 $\phi 52$ Power Cable Hole
- 2 1B Drain Hole
- 3 3B Cooling Water Inlet
- 4 3B Cooling Water Outlet



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