

Scroll-type Water-cooled Packaged-type Air Conditioners

Specifications

MADE IN TAIWAN

Model			Duct Type
			PWA-K1800MPF
Cooling Capacity		kW	180.0
Power Supply			3ph , 380Vac , 50Hz
Electric Characteristics	Power Consumption	kW	43.5
	Running Current	A	78.0
Compressor	Type		Scroll-type
	Starting Method		IR
	Motor Output	kW	9.2 * 4
	Crankcase Heater	W	—
	Oil Charge	C.C.	(Mineral-160P) 3253 * 4
Refrigerant	Type		R22
	Control Method		Capillary Tube
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
	Drain (Bottom Outlet)	inch	1B
Air Filter			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	1350 / 1410

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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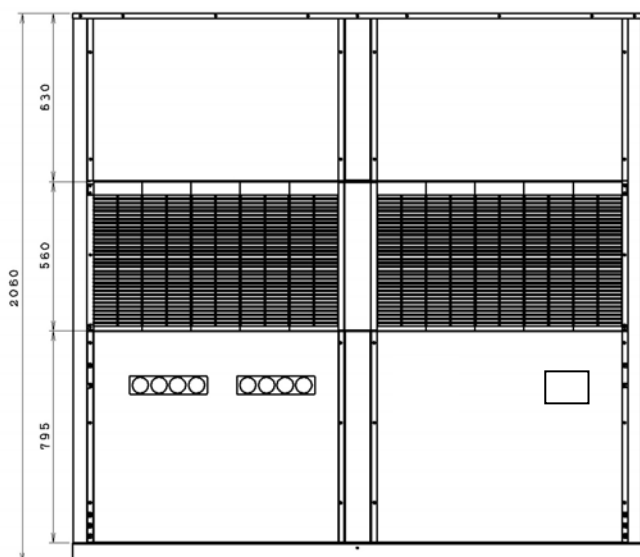
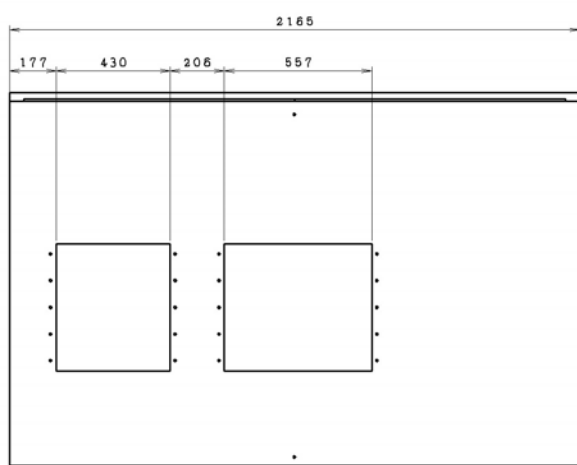
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Duct Type

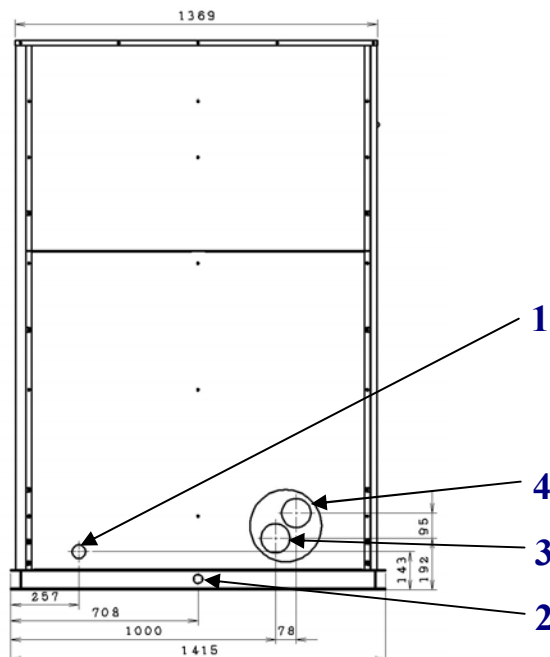
Cooling capacity : 180 kW

Power Supply : 3ph, 380Vac, 50Hz

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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