

MONITOR-12



Monitor Free Cooling System, 12 kW

- Reduces energy consumption and CO² emissions in excess of 90%
- Recoups investment in one to three years
- Can be used as a direct cooling system or to work with existing air conditioning installation
- Comprehensive alarms alert to issues with the system or the cabinet environment
- Real time and online telemetry and control

Product Classification

Product Type Cooling system

General Specifications

Color Standard RAL Colors available

Cooling Capacity at $\Delta t=10$ °C (inlet to exhaust) 13.5 W

Cooling Capacity at $\Delta t=7$ °C (inlet to exhaust) 9.6 W

Fans, quantity 3

Flow Rate at 100% Fan Speed 4500 m³/hr

Installation Duration 5 hrs

Installation Team, quantity 2

Dimensions

Height 1360 mm | 53.543 in

Width 450 mm | 17.717 in

Depth 150 mm | 5.906 in

Electrical Specifications

Operating Current at Voltage, maximum 20.2 A @-52 Vdc

Power Consumption at 50% Speed 124 W

Power Consumption at Nominal Voltage 990 W

Voltage -38 Vdc | -58 Vdc

Material Specifications

Finish Powder coated

Material Type Galvanized steel

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Environmental Specifications

Operating Temperature	-30 °C to +40 °C (-22 °F to +104 °F)
Air Filtration Efficiency	MERV 11
Qualification Standards	CE

Packaging and Weights

Weight, net	153 kg 337.307 lb
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