

# MONITOR-12



## Monitor Free Cooling System, 12 kW

- Reduces energy consumption and CO<sup>2</sup> 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 m<sup>3</sup>/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

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

## Packaging and Weights

<b>Weight, net</b>	153 kg   337.307 lb
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