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MRO50B-31215

Low-pressure Dehydrator, 19 in rack mountable, 0.3–0.5 psig, with discrete alarms, 115/230 Vac, 50/60 Hz or 24/48 Vdc

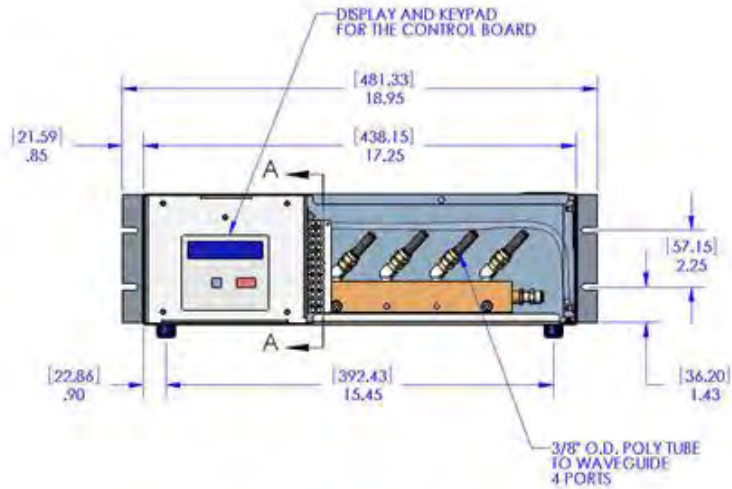
- To meet our global customer's RoHS environmental needs, we have changed our desiccant to a cobalt-chloride free desiccant. Orange color when dry, turns green when saturated.

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Outline Drawing-Front



MR050B FRONT VIEW

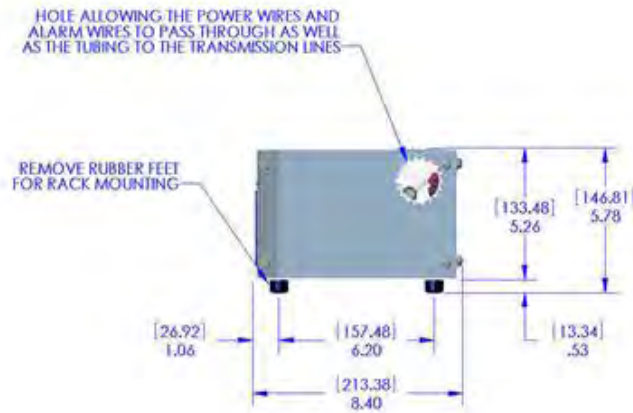
1. DIMENSIONS ARE AS FOLLOWS: [] MILLIMETERS, [] INCH
2. DESICCANT CANISTER REMOVED FOR CLARITY

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Outline Drawing-Side



MR050B SIDE VIEW

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Outline Drawing-Top

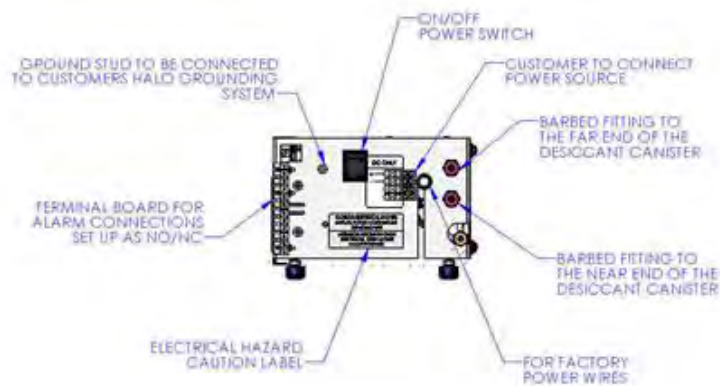


MR050B TOP VIEW

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Outline Drawing-Section



MR050B SECTION A-A

Alarm

Alarm Type	Discrete
Excess-Run Alarm	10 minutes, factory set
High-Pressure Alarm	Factory set (only on summary contacts)
Low-Pressure Alarm	0.7 kPa (0.1 psig) Factory set
Power-Fail Alarm	Loss of input power

Dimensions

Net Weight	7.3 kg 16.0 lb
Product Depth	203.2 mm 8.0 in
Product Height	134.6 mm 5.3 in
Product Width	439.4 mm 17.3 in
Gross Weight, Packed	11.4 kg 25.1 lb
Product Depth, Packed	584.2 mm 23.0 in
Product Height, Packed	304.8 mm 12.0 in
Product Width, Packed	457.2 mm 18.0 in

Electrical Specifications

Power Cord	dc power cord Europe power cord with stripped leads USA power cord
Voltage	24/48 Vdc ±10%, 115/230 Vac ±10%, adapter included
Alarm Contact Rating	Form C dry contacts, 2 amps at 30 Vdc
Operating Temperature	+1 °C to +40 °C (+33 °F to +104 °F)

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Power Consumption, average	5.0 W
Power Frequency	60/50 Hz
Power Phase	Single
Suggested Circuit Breaker Size	15 A

General Specifications

Dehydrator Type	Desiccant
Voltage Type	ac dc
Volume Capacity, minimum	0.0 L 0.0 ft³
Volume Capacity, maximum	283.2 L 10.0 ft³
Cut In/Out Pressure Type	Factory set
Cut In Pressure	0.3 psig
Cut Out Pressure	0.5 psig
Desiccant Capacity	8495 liters (300 cu ft) at 80% RH, +20 °C
Dew Point	-36 °C (-33 °F)
Flow Rate	1.4 SLPM 0.1 SCFM
Includes	3/8 in polyethylene tubing 90° elbow fitting Converter, ac to dc Instruction sheet Male connector fitting Power cord PTFE tape Screws
Mount Type	Floor Rack Shelf Wall
Port Count	4
Port Type	3/8 in PE tube
Rack Type	EIA 19 in
Rack Units	3

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system