



MT050B-81315

DryLine® Dehydrator, Low-pressure membrane, 19 in rack mountable, 3.0 psig, with discrete alarm, 115 Vac, 50/60 Hz

- See related products for dc options, sold separately

OBSOLETE

This product was discontinued on: October 27, 2016

Replaced By

MT050C

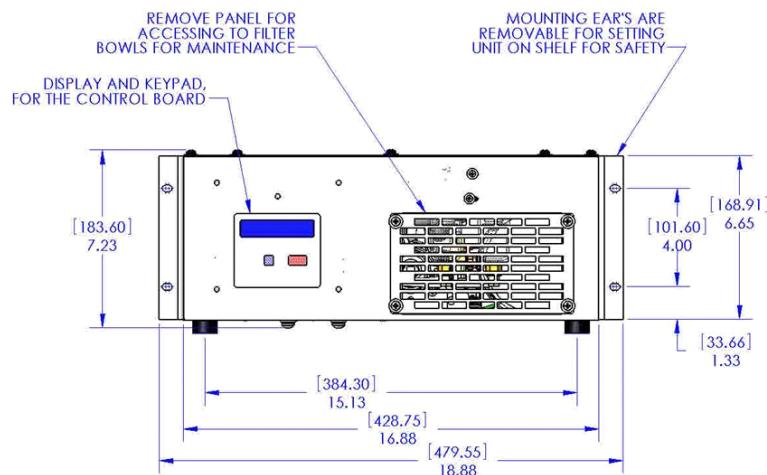
DryLine® Dehydrator, Low-pressure membrane, 19 in rack mountable, Wall mountable, 3.0 psig (2-6 adjustable), with summary and discrete alarms, 115/230 Vac, 50/60 Hz

Product Specifications

COMMSCOPE®

MT050B-81315

Outline Drawing-Front



MT050B FRONT VIEW

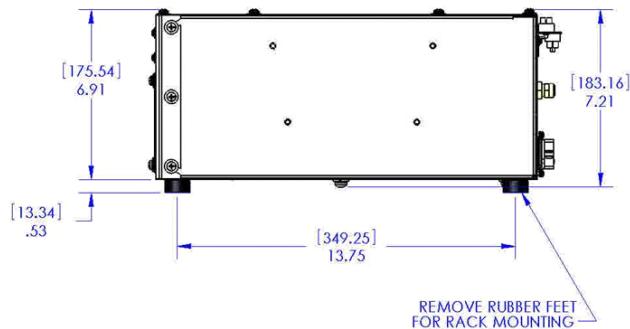
DIMENSIONS ARE AS FOLLOWS: [] MILLIMETERS, INCHES

Product Specifications

COMMSCOPE®

MT050B-81315

Outline Drawing-Side



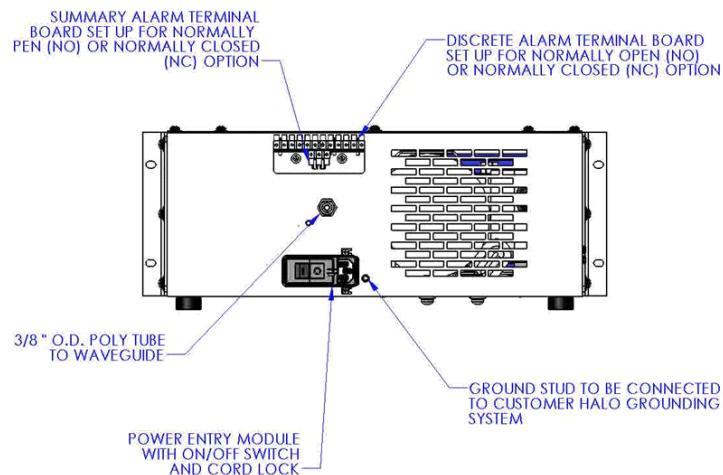
MT050B SIDE VIEW

Product Specifications

COMMSCOPE®

MT050B-81315

Outline Drawing-Back



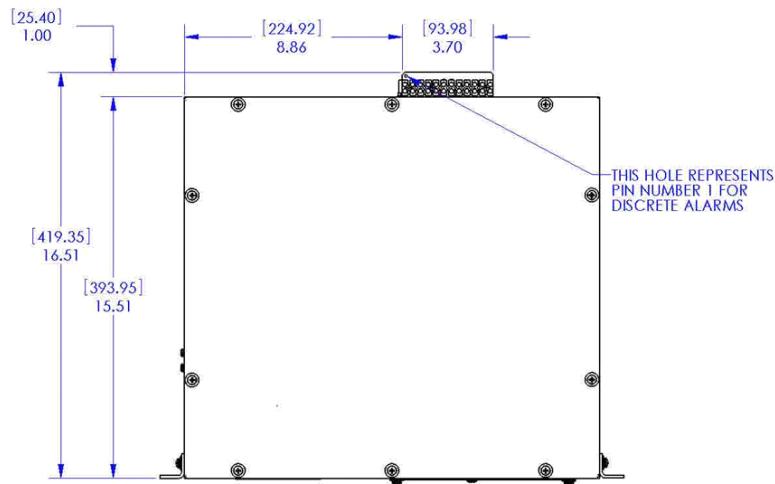
MT050B BACK VIEW

Product Specifications

COMMSCOPE®

MT050B-81315

Outline Drawing-Top



MT050B TOP VIEW

Alarm

Alarm Type	Discrete
Excess-Run Alarm	10 minutes, factory set
High-Humidity Alarm	7.5% RH, factory set
Low-Pressure Alarm	68 mbar 7 kPa 1 psig
Power-Fail Alarm	Loss of input power

Dimensions

Net Weight	16.0 kg 35.4 lb
Product Depth	419.1 mm 16.5 in
Product Height	172.7 mm 6.8 in
Product Width	439.4 mm 17.3 in
Gross Weight, Packed	17.7 kg 39.1 lb
Product Depth, Packed	541.0 mm 21.3 in
Product Height, Packed	312.4 mm 12.3 in
Product Width, Packed	502.9 mm 19.8 in

Electrical Specifications

Power Cord	Europe power cord with stripped leads USA power cord
Voltage	115 Vac $\pm 10\%$
Alarm Contact Rating	Form C dry contacts, 2 amps at 30 Vdc
Operating Temperature	-10 °C to +50 °C (+14 °F to +122 °F)
Power Consumption, average	190.0 W
Power Frequency	60/50 Hz

Product Specifications

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MT050B-81315

Power Phase	Single
Suggested Circuit Breaker Size	20 A
Circuit Breaker Requirement	Electrical connections require separate circuits for dehydrator installation

General Specifications

Dehydrator Type	Automatic Membrane
Voltage Type	ac
Volume Capacity, minimum	0.0 L 0.0 ft ³
Volume Capacity, maximum	1699.0 L 60.0 ft ³
Brand	DryLine®
Dew Point	Better than -45 °C (-50 °F) at 95% RH at +40 °C (+104 °F)
Flow Rate, nominal	3.40 SLPM 0.12 SCFM
Includes	3/8 in polyethylene tubing 90° elbow fitting Instruction sheet Male connector fitting Needle valve Power cord Power cord connector lock PTFE tape Screws
Mount Type	Floor Rack Shelf
Port Count	1
Port Type	3/8 in PE tube
Rack Type	EIA 19 in
Rack Units	4
Regulated Output Pressure Type	factory set
Regulated Output Pressure, maximum	21.0 kPa 3.0 psig

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
China RoHS SJ/T 11364-2006	Below Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

