



MT500B-81315-24

DryLine® Dehydrator, Low-pressure membrane, 19 in rack mountable, 3.0–5.0 psig, with discrete alarm, with 24 Vdc inverter

OBSOLETE

This product was discontinued on: October 27, 2016

Replaced By

MT500D

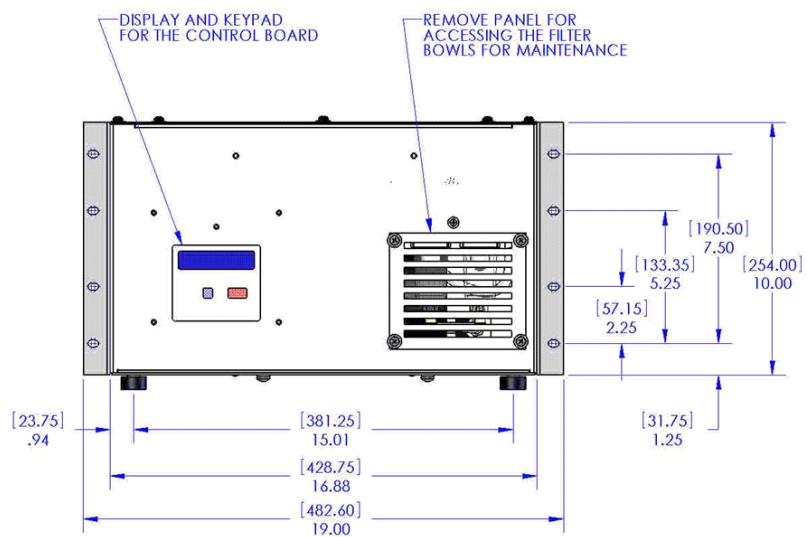
DryLine® Dehydrator, Low-pressure membrane, 19 in rack mountable, Wall mountable, Cut-in at 2.0 psi, Cut-out at 5.0 psi, with discrete and summary alarms, 115/230 Vac, 50/60 Hz

Product Specifications

COMMSCOPE®

MT500B-81315-24

Outline Drawing-Front



MT500B FRONT VIEW

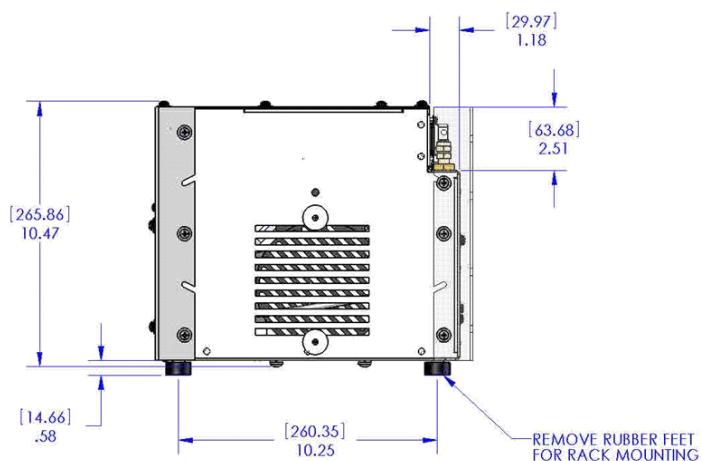
DIMENSIONS ARE AS FOLLOWS: [] MILLIMETERS, INCHES

Product Specifications

COMMSCOPE®

MT500B-81315-24

Outline Drawing-Side



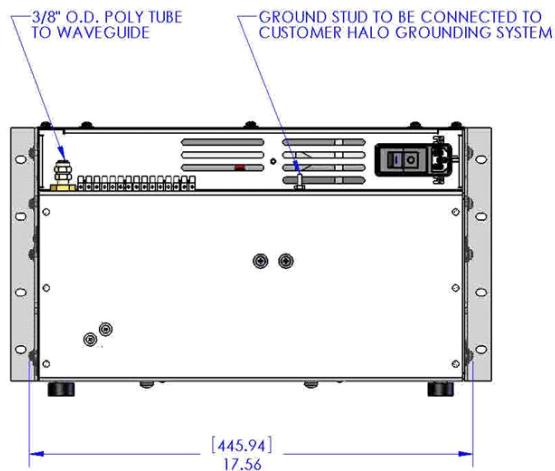
MT500B SIDE VIEW

Product Specifications

COMMSCOPE®

MT500B-81315-24

Outline Drawing-Back



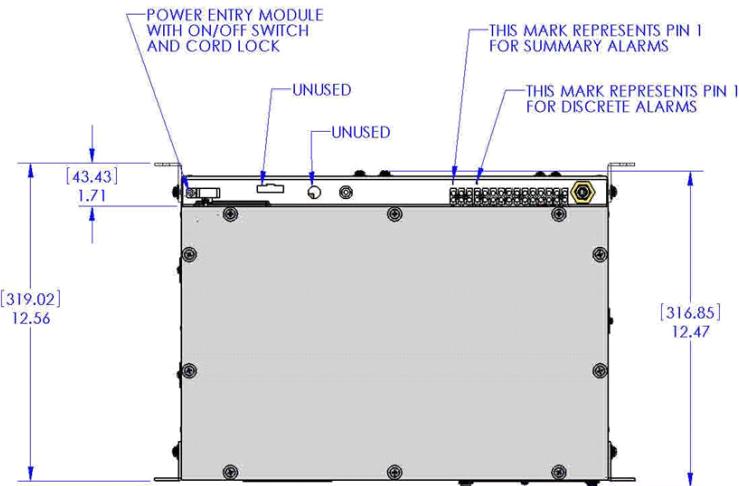
MT500B BACK VIEW

Product Specifications

COMMSCOPE®

MT500B-81315-24

Outline Drawing-Top



MT500B 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	320.0 mm 12.6 in
Product Height	264.1 mm 10.4 in
Product Width	431.8 mm 17.0 in
Gross Weight, Packed	17.7 kg 39.1 lb
Product Depth, Packed	533.4 mm 21.0 in
Product Height, Packed	355.6 mm 14.0 in
Product Width, Packed	457.2 mm 18.0 in

Electrical Specifications

Power Cord	USA power cord
Voltage	24 Vdc $\pm 10\%$ inverter
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	250.0 W
Power Phase	Single

Product Specifications



MT500B-81315-24

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	dc
Volume Capacity, minimum	283.2 L 10.0 ft ³
Volume Capacity, maximum	3398.0 L 120.0 ft ³
Brand	DryLine®
Cut In/Out Pressure Type	Factory set
Cut In Pressure	13.8 kPa 2.0 psig
Cut Out Pressure	34.5 kPa 5.0 psig
Dew Point	Better than -45 °C (-50 °F) at 95% RH at +40 °C (+104 °F)
Flow Rate, nominal	14.20 SLPM 0.50 SCFM
Includes	3/8 in polyethylene tubing 90° elbow fitting Male connector fitting Needle valve Power cord Power cord connector lock PTFE tape Screws
Mount Type	Floor Rack Shelf Wall
Port Count	1
Port Type	3/8 in PE tube
Rack Type	EIA 19 in
Rack Units	6