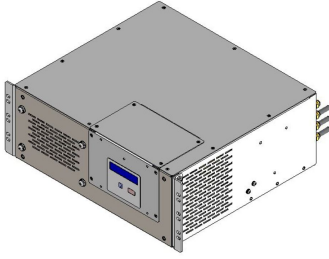


MT050C



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

- See related products for dc options, sold separately

Product Classification

| | |
|----------------------|------------|
| Product Type | Dehydrator |
| Product Brand | DryLine® |

General Specifications

| | |
|---|--|
| Alarm Type | Discrete Summary |
| Circuit Breaker Requirement | Electrical connections require separate circuits for dehydrator installation |
| Dehydrator Type | Automatic Membrane |
| Dew Point | Better than -45 °C (-50 °F) at 95% RH at +40 °C (+104 °F) |
| Excess-Run Alarm | 10 minutes, factory set |
| Flow Rate, nominal | 3.4 SLPM |
| High-Humidity Alarm | 7.5% RH, factory set |
| Low-Pressure Alarm | 68 mbar 7 kPa 1 psig |
| Mounting | Bench Floor Rack Wall |
| Port Count | 4 |
| Port Type | 3/8 in PE tube |
| Power Cord | Europe power cord with stripped leads USA power cord |
| Power-Fail Alarm | Loss of input power |
| Rack Type | EIA 19 in ETSI N3 (optional) |
| Rack Units | 4 |
| Regulated Output Pressure Type | factory set |
| Regulated Output Pressure, maximum | 41.4 kPa 285.443 psig |
| Regulated Output Pressure, minimum | 14 kPa 96.527 psig |

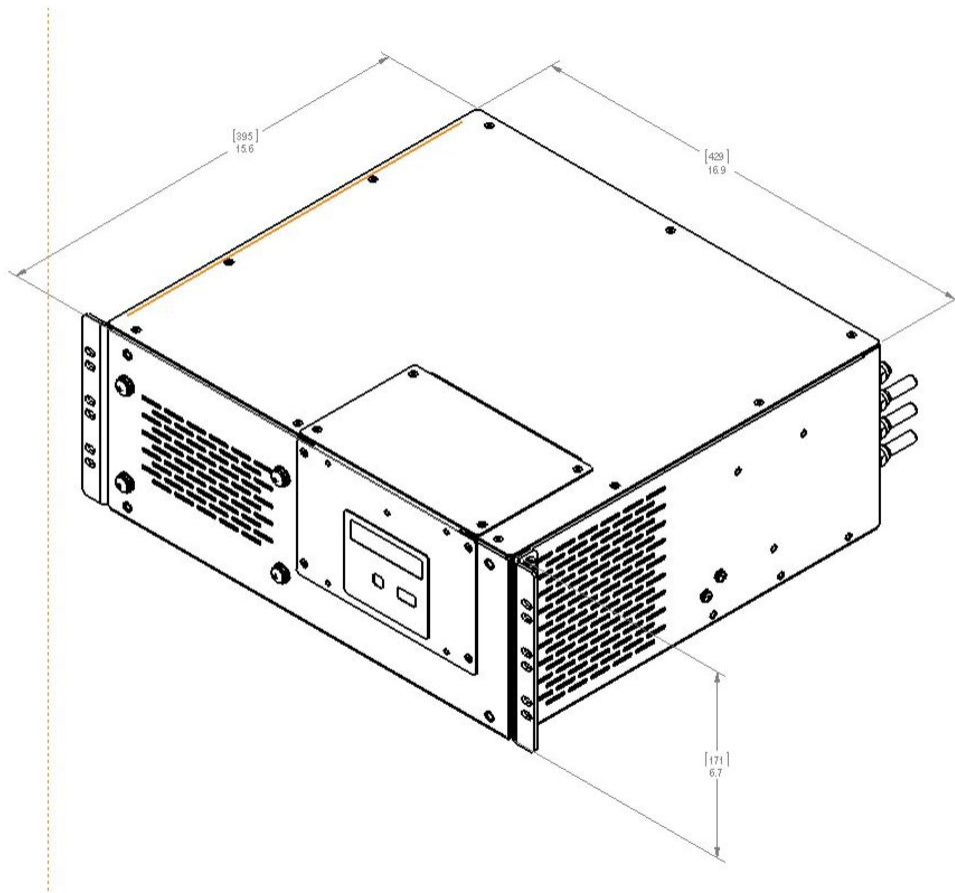
Dimensions

MT050C

| | |
|---------------------------------|---|
| Product Height | 172.7 mm 6.799 in |
| Product Width | 439.4 mm 17.299 in |
| Product Depth | 419.1 mm 16.5 in |
| Volume Capacity, maximum | 1.699 m ³ 60 ft ³ |
| Volume Capacity, minimum | 0 m ³ 0 ft ³ |

MT050C

Outline Drawing–Section



Electrical Specifications

| | |
|---------------------------------------|---------------------------------------|
| Alarm Contact Rating | Form C dry contacts, 2 amps at 30 Vdc |
| Power Consumption, at runtime | 220 W |
| Power Consumption, average | 6.6 W |
| Power Consumption, maximum | 220 W |
| Power Consumption, minimum | 0.2 W |
| Power Frequency | 60/50 Hz |
| Power Phase | Single |
| Suggested Circuit Breaker Size | 20 A |
| Voltage | 115/230 Vac \pm 10%, selectable |

MT050C

Voltage Type ac

Environmental Specifications

Operating Temperature -10 °C to +50 °C (+14 °F to +122 °F)

Packaging and Weights

Height, packed 312.4 mm | 12.299 in

Width, packed 502.9 mm | 19.799 in

Depth, packed 541 mm | 21.299 in

Included 3/8 in polyethylene tubing | 90° elbow fitting | Instruction sheet | Male connector fitting | Needle valve | PTFE tape | Power cord

Weight, gross 23 kg | 50.706 lb

Weight, net 20 kg | 44.092 lb

Regulatory Compliance/Certifications

Agency

CHINA-ROHS

ISO 9001:2015

ROHS

Classification

Above maximum concentration value

Designed, manufactured and/or distributed under this quality management system

Compliant/Exempted

