



Air moving solutions made simple



AC Fans
DC Fans



AC Blowers
DC Blowers



AC Impellers
DC Impellers



AC Motors



Accessories

Search

- ☐ Part / Model #
- ☐ Stock Check
- ☐ Cross-Reference
- ☐ Keyword

Find Fans

Muffin XL - MD48B5 - 028887 - No

(Family) (Model) (Part #) (In Stock)

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Electrical Specifications

Operating Voltage:	48 Volts
Voltage Range:	24 - 56 Volts
Power Supply:	5.8 Watts
Line Current:	0.12 Amps
Locked Rotor Current:	0.40 Amps
Nominal Speed:	3100 RPM

Mechanical Specifications

Dimensions:	4.7 x 4.7 x 1.5 in
Weight:	21.52 oz
Max Airflow @ 0 in H ₂ O	110.0 CFM
Max Pressure @ 0 CFM	0.278 in H ₂ O
Noise:	50.0 dBA

Mechanical Drawing










Detailed Drawing



Printer-Friendly Datasheet

More Products

- Heat Sinks
- Fan Accessories

Engineering Tools

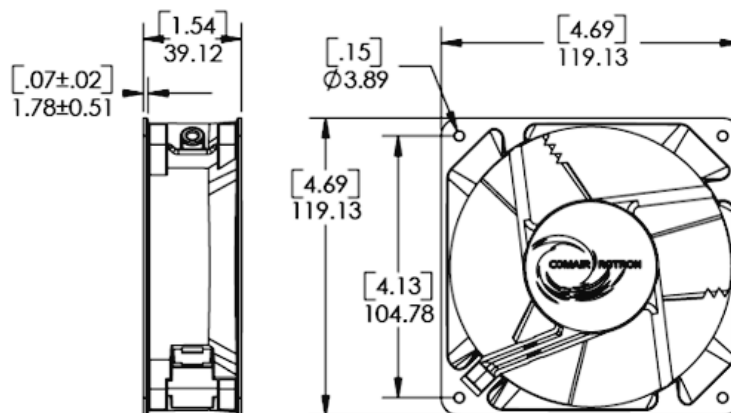
- Airflow Calculator
- Thermal Calculator
- Unit Conversions
- Application Notes

Custom Solutions

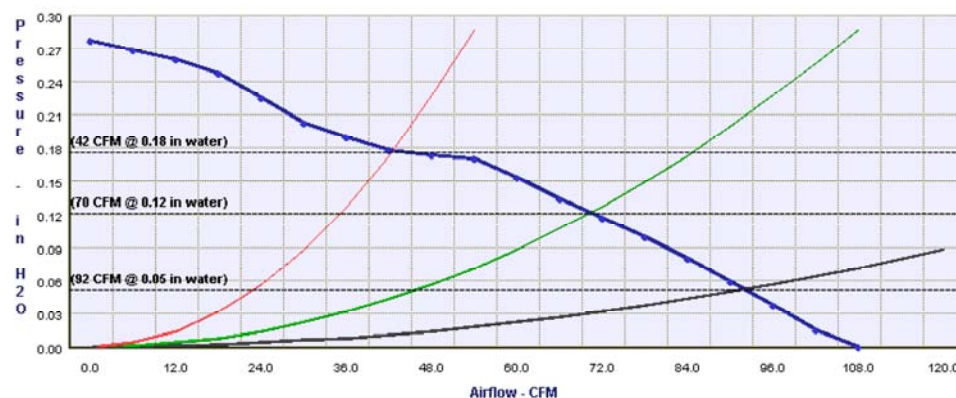
Company Info

- Contact Info
- Technical Capability
- Certifications
- Terms & Conditions
- Employment Ops

Gateway Online



Fan Performance Curve



Fan Configuration Options

Muffin XL (Family)	MD48B5 / 028887 (Model)	No (In Stock)	305 mm [12 inch] Leads (Features)
Fan Speeds ☐ High Speed (3600 RPM) ☒ Full Speed (3100 RPM)	Fan Bearings ☒ Ball Bearings ☐ Sleeve Bearings	Fan Airflow Directions ☒ Flow L (CW Rotation) ☐ Flow R (CCW Rotation)	Fan Terminations ☒ Leads ☐ Terminals

Fan Monitoring Options

- ☐ No Fan Monitoring Options Required
☒ Add Tachometer (1 pulses per revolution.)
☐ Open Collector Output
☒ TTL (+5V) Output

Existing Models with Tachometer Option:

- | | | | |
|--|--|--|--|
| ☒ MD48B5 / 028887 | ☐ MD48B5-E2 / 039011 | ☐ MD48B5X / 031250 | ☐ MD48B5X / 031469 |
| ☐ MD48B5X / 031985 | ☐ MD48B5X / 032504 | ☐ MD48B9 / 028890 | ☐ MD48B9X / 030205 |
| ☐ MD48K5 / 032863 | ☐ MD48K5X / 039238 | | |

- ☐ Add Fan Performance Sensor (FPS)

Fan Speed Control Options

- ☐ Add ThermaPro-V Fan Speed Control

Environmental Protection Options

- ☐ Add Enviroshield Environmental Protection

Accessories (Click on part number for detailed drawing.)

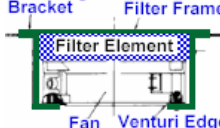
- ☐ 571064
Plug and Cord



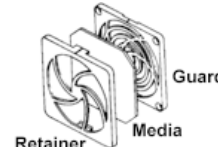
- ☐ 550113
Mounting Clip



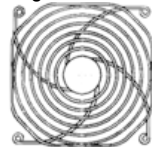
- ☐ 551590
Filter Assembly
Mounting Bracket
Filter Frame
Filter Element
Fan Venturi Edge



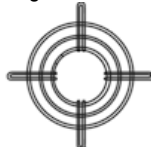
- ☐ 554148
Filter Guard Assembly
Guard
Media
Retainer



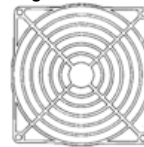
- ☐ 552934
Finger Guard



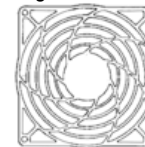
- ☐ 476042
Finger Guard



- ☐ 550481
Finger Guard



- ☐ 551147
Finger Guard



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