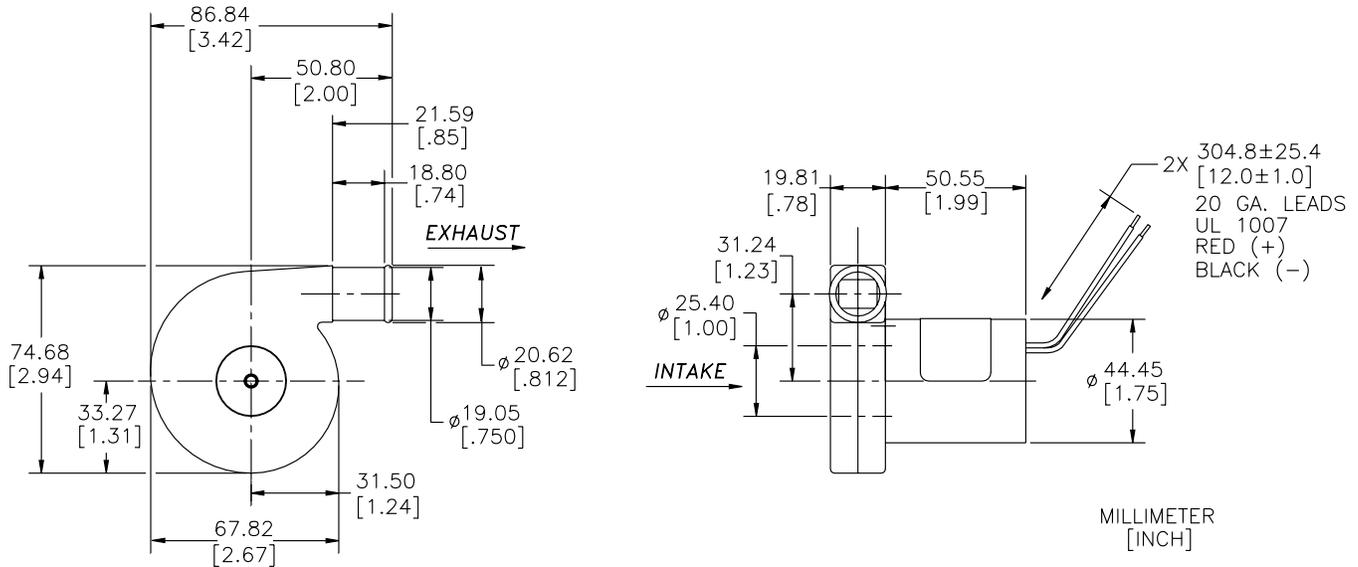


Tech Bulletin

3.0" (76mm) BLDC Low-Voltage Blower

12/24 VDC



| Blower Data | Unit of Measure | Part Number | |
|----------------------------------|------------------------------|-------------|---------|
| | | 119349* | 119350* |
| Voltage Input | VDC | 12 | 24 |
| Stages | | 1 | 1 |
| Pressure, Max. (Sealed Pressure) | in. H ₂ O, Sealed | 10 | 10 |
| | mBar | 24.9 | 24.9 |
| Flow Rate, Max. (Open Flow) | CFM | 18 | 18 |
| | L/sec | 8.5 | 8.5 |

Typical Performance Points

| Air Flow | Pressure | | |
|----------|----------------------|-----|-----|
| 0 CFM | in. H ₂ O | 10 | 10 |
| 4 CFM | in. H ₂ O | 9.1 | 9.1 |
| 8 CFM | in. H ₂ O | 7.6 | 7.6 |
| 12 CFM | in. H ₂ O | 5.4 | 5.4 |
| 16 CFM | in. H ₂ O | 2.4 | 2.4 |
| 18 CFM | in. H ₂ O | 0 | 0 |

*These part numbers are available through AMETEK Rotron distributors.

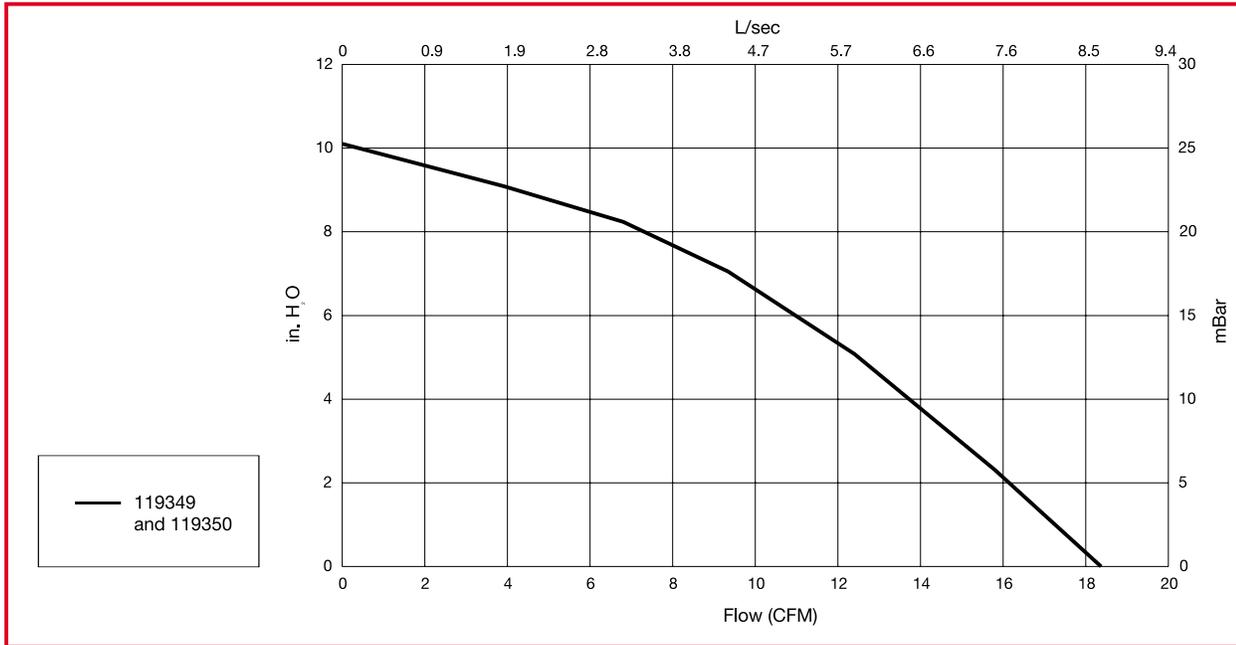
NOTES:

- **Temperature:** Working Air: 0°C to 45°C, Ambient Air: 0°C to 45°C, Storage Air: -40°C to 85°C
- **Dielectric Testing:** 200 volts applied for one second between power leads and motor body, one milliamp leakage max.
- **Speed Control:** Speed is controlled by input voltage.

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LOW-VOLTAGE BLOWERS



This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions, data is corrected to 0.075 lb./ft³ air density (29.92" Hg @ 70° F.). Actual performance will vary depending on the operating environment and application. AMETEK Rotron products are not designed for use with volatile, hazardous or corrosive gases. Blower housings are not sealed, slight air/gas leakage will occur. AMETEK Rotron products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications contact AMETEK Rotron Marketing and Sales.