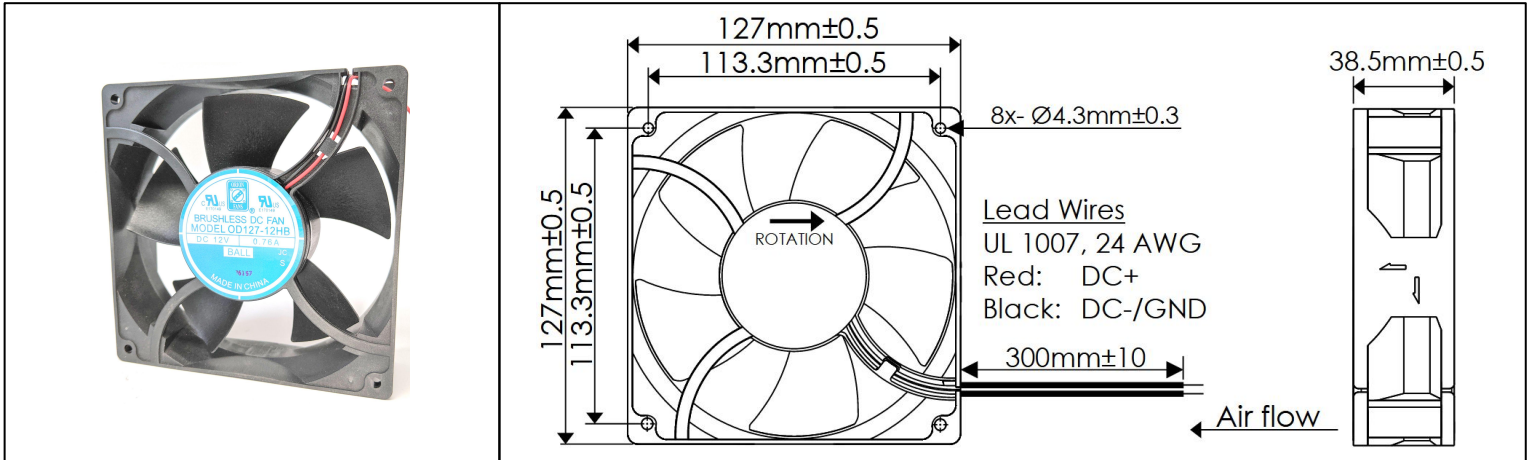


# OD127 Series



DC Fans - 12, 24, 48V  
127mm x 38.5mm (5.0" x 1.5")



|                              |   |  |  |
|------------------------------|---|--|--|
| <b>Frame</b>                 | PBT, UL94 V-0 Plastic   | <b>Operating Temperature</b><br>-10°C ~ +70°C  |  |
| <b>Impeller</b>              | PBT, UL94 V-0 Plastic   |  |  |
| <b>Connection</b>            | 2x Lead Wires, 24 AWG   | <b>Life Expectancy</b><br>70,000 Hours (L10 at 40°C)   |  |
| <b>Motor</b>                 | Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected | <b>Available Options</b><br>PWM Speed Control Input<br>Tachometer Output<br>Alarm Output<br>Thermistor Speed Control<br>IP Ratings |  |
| <b>Bearing System</b>        | Ball Bearings   | Weight: 0.82 lbs   |  |
| <b>Dielectric Strength</b>   | 500VDC/min, <1mA  |  |  |
| <b>Insulation Resistance</b> | ≥10MΩ @ 500 VDC   |  |  |

| Part Number | Rated Voltage (Volts DC) | Voltage Range (Volts DC) | Input Power (Watts) | Rated Current (Amps) | Rated Speed (RPM) | Max Airflow (CFM) | Noise Level (dBA) | Max Static Pressure ("H <sub>2</sub> O) |
|-------------|--------------------------|--------------------------|---------------------|----------------------|-------------------|-------------------|-------------------|---|
| OD127-12HHB | 12                       | 10 ~ 13.8                | 14.64               | 1.22                 | 3490              | 173               | 59                | 0.51                                    |
| OD127-12HB  | 12                       | 10 ~ 13.8                | 9.12                | 0.76                 | 2925              | 144               | 54                | 0.37                                    |
| OD127-12MB  | 12                       | 10 ~ 13.8                | 5.76                | 0.48                 | 2485              | 122               | 49                | 0.27                                    |
| OD127-24HHB | 24                       | 21 ~ 26.4                | 14.64               | 0.61                 | 3490              | 173               | 59                | 0.51                                    |
| OD127-24HB  | 24                       | 21 ~ 26.4                | 9.84                | 0.41                 | 2925              | 144               | 54                | 0.37                                    |
| OD127-24MB  | 24                       | 21 ~ 26.4                | 6.24                | 0.26                 | 2485              | 122               | 49                | 0.27                                    |
| OD127-48HHB | 48                       | 44 ~ 52.8                | 16.32               | 0.34                 | 3490              | 173               | 59                | 0.51                                    |
| OD127-48HB  | 48                       | 44 ~ 52.8                | 11.04               | 0.23                 | 2925              | 144               | 54                | 0.37                                    |
| OD127-48MB  | 48                       | 44 ~ 52.8                | 8.16                | 0.17                 | 2485              | 122               | 49                | 0.27                                    |