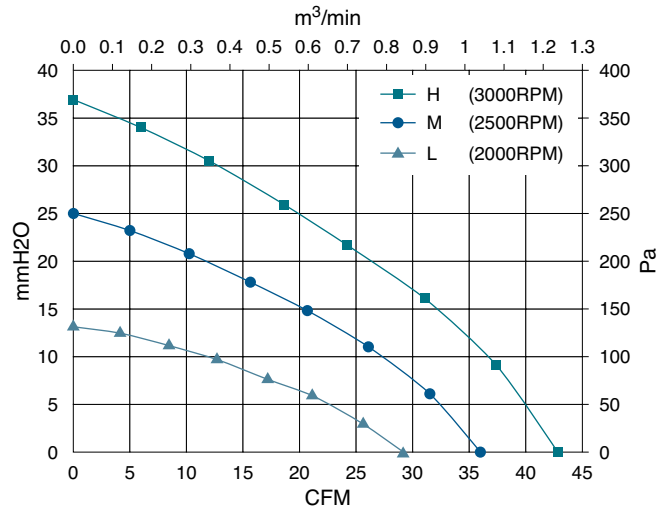


# DC Blower

120 x 120 x 32 mm

- Bearing Type
  - 2 Ball bearing
  - Sleeve bearing
  - Long Life Inside Cavity Sleeve bearing
- Electrical Function
  - PWM (Pulse Width Modulation)
  - Frequency Generator Output Signal
- Material
  - Impeller: Plastic (PBT UL 94V-0)
  - Frame: Plastic (PBT UL 94V-0)
- Lead wires
  - UL 1007 AWG#26 or Equivalent
  - Red Wire Positive (+)
  - Black Wire Negative (-)
- Weight: 245g (8.64 oz)

120x120x32mm DC Blower P/Q Curves (At rated speed)



| MODEL               | Operating Voltage Range | Rated Voltage | Rated Current | Rated Input Power | Speed    | Maximum Air Flow    |       | Maximum Air Pressure |        | Noise |
|---------------------|-------------------------|---------------|---------------|-------------------|----------|---------------------|-------|----------------------|--------|-------|
|                     |                         |               |               |                   |          | m <sup>3</sup> /min | CFM   | mmH <sub>2</sub> O   | Pa     |       |
| DB4Z<br>B/S1203212H | 5V ~ 13.8V              | 12            | 1.20          | 14.4              | 3000±10% | 1.21                | 42.82 | 36.93                | 362.17 | 51.0  |
| DB4Z<br>B/S1203212M | 5V ~ 13.8V              | 12            | 1.00          | 12.0              | 2500±10% | 1.02                | 35.99 | 25.08                | 245.98 | 45.5  |
| DB4Z<br>B/S1203212L | 5V ~ 13.8V              | 12            | 0.75          | 9.0               | 2000±10% | 0.83                | 29.15 | 13.24                | 129.80 | 40.0  |

\* Function type is optional.  
 \* The max. air flow and speed are measured in free air; max. air pressure is measured at close to zero air flow.  
 \* Noise is measured in anechoic chamber in free air, one meter from intake side.  
 \* All readings are typical values at rated voltage.  
 \* Specifications are subject to change without notice.