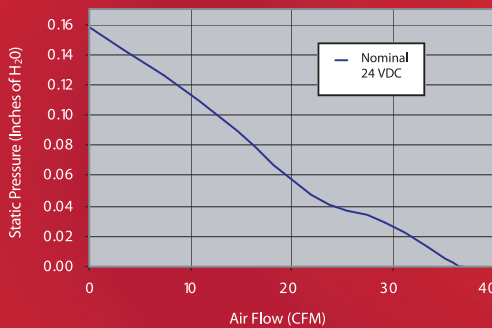
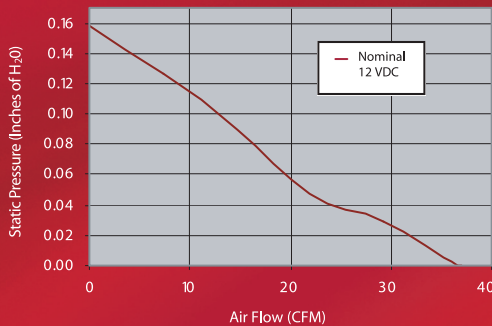




DC Fans

80 x 80 x 25 mm

:: Pressure (P) vs. Flow (Q) Curves



Standard Features

- Size: (L x W x H), 3.14" x 3.14" x 0.98" (80mm x 80mm x 25mm)
- Airflow: 60.32m³/hour (35.48 CFM)
- Noise Level: 30.80 dBA, as measured in free air and with the microphone 1 meter from the air intake side of the fan
- Nominal Operating Voltage: 12 or 24 VDC
- Operating Temperature: -10° C to +70° C
- Storage Temperature: -40° C to +80° C
- Weight: 76 g (0.17 lbs)
- The motor is impedance protected to prevent burn-out if obstructed
- Termination: 220mm (8.66") Leadwires; 26 AWG, UL 1007; Red - Positive; Black - Negative; White - tachometer
- Impeller: Black, UL94-VO rated thermoplastic
- Housing: Black, UL94-VO rated thermoplastic
- Airflow Direction: Intake over the fan struts

Benefits

- High performance, low cost fan minimising design and inventory costs
- Integral Open Collector tachometer wire supplied as standard, for optional use, eliminating the need for a custom alternative fan
- Two ball bearing systems per fan, providing high lifetime reliability

80 x 80 x 25 mm

:: Product table

| Part No. | Rated Voltage VDC | Operating Voltage Range VDC | Rated Current Amps | Rated Input Power Watts | Speed RPM | Maximum Airflow | | Maximum Air Pressure | | Noise dBA | Tach |
|--------------|-------------------|-----------------------------|--------------------|-------------------------|-----------|----------------------|-------|----------------------|---------------------|-----------|------|
| | | | | | | m ³ /hour | CFM | mm H ₂ O | in H ₂ O | | |
| GD8025-12BB | 12 | 6.0 - 13.8 | 0.17 | 2.04 | 3000 | 60.32 | 35.48 | 3.34 | 0.13 | 30.8 | Yes |
| GDA8025-24BB | 24 | 12.0 - 27.6 | 0.15 | 3.60 | 3000 | 60.32 | 35.48 | 3.34 | 0.13 | 30.8 | Yes |



- * The maximum airflow and speed are measured in free air, at an ambient temperature of 25°C.
- * The maximum air pressure is measured with zero airflow, at an ambient temperature of 25°C.
- * The fan noise is measured in a semi-anechoic chamber, where the background noise is below 18 dBA (+/-1 dBA).
- * All readings are typical values at the rated voltage.
- * Specifications are subject to change without notice.
- * For more detailed specifications or other requests, please contact Comair Rotron Technical Support.

rev 4/05

:: Mechanical Drawing

