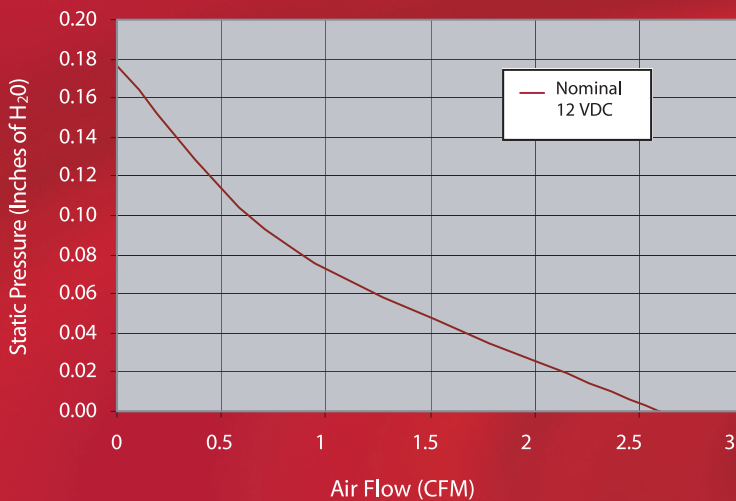




# DC Fans

:: 25 X 25 X 10 mm

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



## Standard Features

- Size: (L x W x H), 0.98" x 0.98" x 0.39" (25 mm x 25mm x 10mm)
- Airflow: 4.54 m<sup>3</sup>/hour (2.67 CFM)
- Noise Level: 27.39 dBA, as measured in free air and with the microphone 1 meter from the air intake side of the fan
- Nominal Operating Voltage: 12 VDC
- Operating Temperature: -10° C to +70° C
- Storage Temperature: -40° C to +80° C
- Weight: 7.0 g (0.015 lbs)
- The motor is impedance protected to prevent burn-out if obstructed
- Termination: 250mm (9.84") Leadwires; 28 AWG, UL 1061; 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

:: 25 X 25 X 10 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 <sup>3</sup> /hour | CFM  | mm H <sub>2</sub> O  | in H <sub>2</sub> O |           |      |
| GDA2510-12BB | 12                | 6.0 - 13.8                  | 0.1                | 1.2                     | 13000     | 4.54                 | 2.67 | 4.28                 | 0.17                | 27.39     | 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.

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## :: Mechanical Drawing

