# DC Fans

Gryphon by Comair Rotron

## :: 60 x 60 x 25 mm

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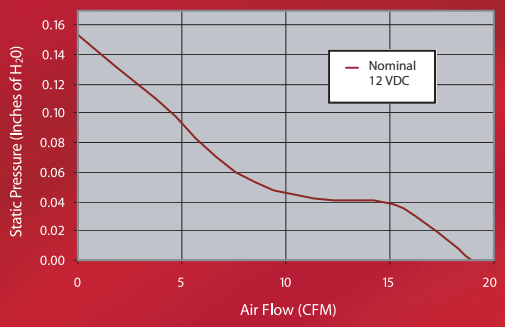
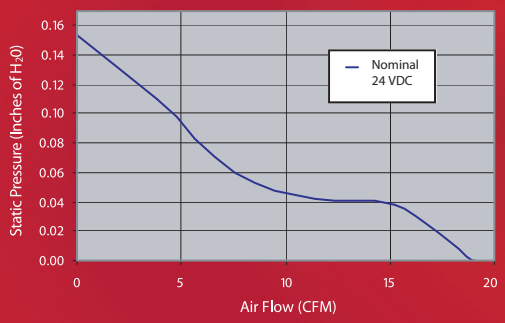
### :: Pressure (P) vs. Flow (Q) Curves




### Standard Features

- Size: (L x W x H), 2.36" x 2.36" x 0.98" (60mm x 60mm x 25mm)
- Airflow: 32.73m³/hour (19.25 CFM)
- Noise Level: 26.1 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: 62 g (0.13 lbs)
- The motor is impedance protected to prevent burn-out if obstructed
- Termination: 230mm (9.06") 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: Exhaust over the fan struts

### Benefits

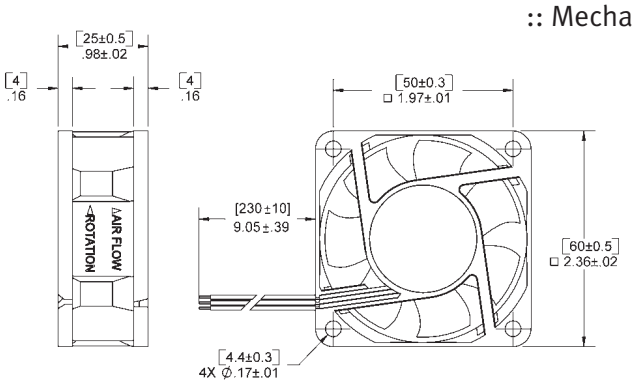
- High performance, low cost fan minimising design and inventory costs
- Integral Open Collector tachometer wire supplied as standard, for optional use, eliminating the need for a custom alternative fan
- Two ball bearing systems per fan, providing high lifetime reliability

## :: Product **table**

| Part No. | Rated Voltage VDC | Operating Voltage Range VDC | Rated Current Amps | Rated Input Power Watts | Speed RPM | Maximum Airflow m³/hour | Maximum Airflow CFM | Maximum Air Pressure mm H²O | Maximum Air Pressure in H²o | Noise dBa | Tach |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GDA6025-12BB | 12 | 6.0 - 13.8 | 0.14 | 1.68 | 4000 | 32.73 | 19.25 | 4.29 | 0.17 | 26.1 | Yes |
| GDA6025-24BB | 24 | 12.0 - 27.6 | 0.14 | 3.36 | 4000 | 32.73 | 19.25 | 4.29 | 0.17 | 26.1 | Yes |

RoHS 2002/95/EC · c UL us · TUV Rheinland · CE

* 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 level 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**