



DC Fans

120 X 120 X 38 mm

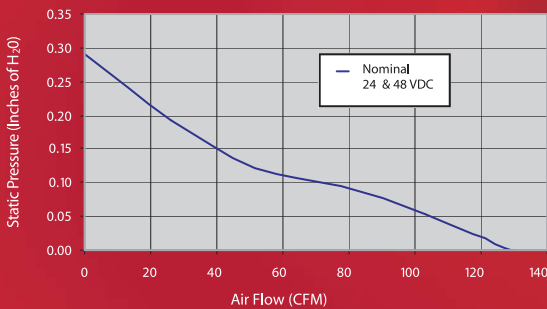
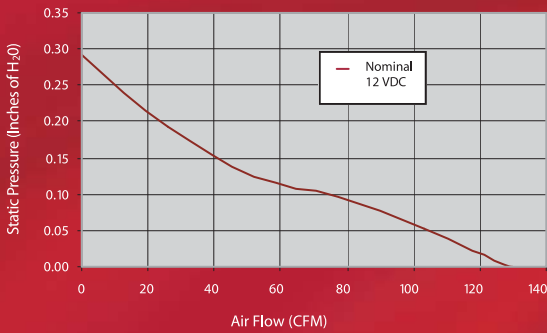
Standard Features

- Size: (L x W x H), 4.92" x 4.92" x 1.50" (120mm x 120mm x 38mm)
- Airflow: 218.05m³/hour (128.27 CFM)
- Noise Level: 43.45 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 or 48 VDC
- Operating Temperature: -10° C to +70° C
- Storage Temperature: -40° C to +80° C
- Weight: 266 g (0.59 lbs)
- The motor is impedance protected to prevent burn-out if obstructed
- Termination: 200mm (7.87") Leadwires; 24 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.
- Auto-restart feature, once obstruction removed

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



120 X 120 X 38 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		
GDA1238-12BB	12	6.0 - 13.8	0.60	7.2	3000	218.05	128.27	8.2	0.32	43.45	Yes
GDA1238-24BB	24	12.0 - 27.6	0.60	14.4	3000	218.05	126.67	7.83	0.31	41.94	Yes
GDA1238-48BB	48	24.0 - 55.2	0.35	16.8	3000	218.05	128.27	8.2	0.32	43.45	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 level is measured in a semi-anechoic chamber, where 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

