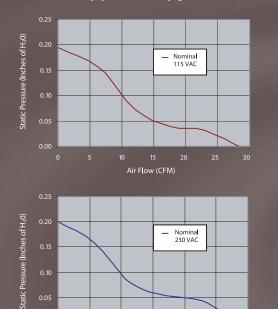


# **AC** Fans



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



Air Flow (CFM)

# **Standard Features**

- Size: (L x W x H), 3.15" x 3.15" x 1.50" (80mm x 80mm x 38mm)
- Airflow: 49.3m<sup>3</sup>/hour (29 CFM)
- Noise Level: 34 dBA, as measured in free air and with the microphone 1 meter from the air intake side of the fan
- Nominal Operating Voltage: 115 or 230 VAC
- Operating Temperature: -10° C to +70° C
- Storage Temperature: -40° C to +80° C
- Weight: 340 g (0.75 lbs)
- Two bearing systems per fan to improve life and reliability
- Termination: Via two off terminal pins
- Impeller: Black, UL94-VO rated thermoplastic
- Housing: Black, Aluminium construction
- Airflow Direction: Intake over the fan struts

# **Benefits**

- High performance, low cost fan minimising design and inventory costs
- Tolerance of + or 10% on input voltage, making the fan suitable for use worldwide
- Two ball bearing systems per fan, providing high lifetime reliability

[0.5 x 2.8] 0.02 x 0.11

[7±0.5]

.28±.02

71.5±0.5

□ 2.81±.02

### :: Product table

Part No.	<b>Rated</b> Voltage VAC	Operating Voltage Range VAC	Rated Current Amps	Rated Input Power Watts	<b>Speed</b> RPM	Maximum Airflow m³/hour CFM		Maximum Air Pressure mm H²O in H²o		<b>Noise</b> dBa	Lead Type
GAA8038-115BB	115-50/60Hz	81-125	0.20	14	3000	49·3	29	5	0.2	34	Connector
GAA8038-230BB	230-50/60Hz	161-242	0.08	10	3000	49·3	29		0.2	34	Connector

[38±0.5] 1.50±.02

8

.31

11

SECTION A-A

[4] .16 typ.



- \* 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

[4.4±0.1]

80±0.5

□ 3.15±.02

8XØ.17±.00