

Specification Date: April 19, 2017 **RoHS** Compliant Version: 00

17000653A

CR2258-2800E1B

115 VAC

87 VAC

50/60 Hz

103~126 VAC

COMAIR ROTRON PART NUMBER: COMAIR ROTRON MODEL NUMBER:

A.) MOTOR:

RATED VOLTAGE:

START VOLTAGE:

OPERATING VOLTAGE RANGE:

OPERATING FREGUENCY:

MAX. RUNNING CURRENT:

INPUT POWER:

NOMINAL SPEED:

MOTOR TYPE: MOTOR PROTECTION: LOCKED ROTORT PROTECTION: POLARITY PROTECTION: AUTOMATIC RESTART CAPABILITY: **ROTATION:**

B.) MECHANICAL

DIMENSIONS: 225x225x80 mm Figure 1 WEIGHT: 1.83 Kg **BEARING TYPE:** Permanently Lubricated Ball Bearings **VENTURI:** High quality magnesium alloy die-casting frame with ED coating& powder coating. **PROPELLER:** High quality magnesium alloy die-casting

0.56 Amps 44 Watts 2800 RPM ±10% (At Free Delivery) **Brushless EC** By Integrated Circuit

IC protected

Yes

By Integrated Circuit

Clockwise when viewed from the impeller

frame with ED coating& powder coating.



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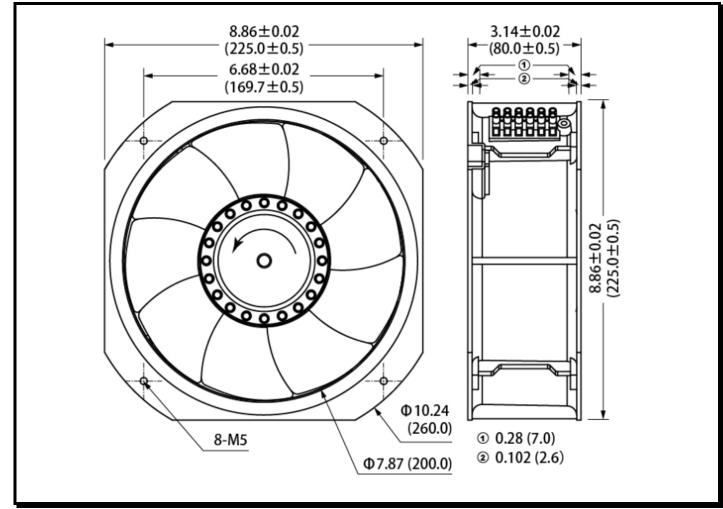


Figure 1

C.) ENVIRONMENTAL

OPERATING TEMPERATURE:

STORAGE TEMPERATURE:

HUMIDITY:

D.) PERFORMANCE CHARACTERISTICS

AIR FLOW:

-20°C to +70°C

The storage temperature will be suggested at -20° C ~ 50° C to ensure a better performance.

20 to 85% RH, non-condensing

586 CFM ± 5%, Curve A (At Free Delivery and MAX. speed)



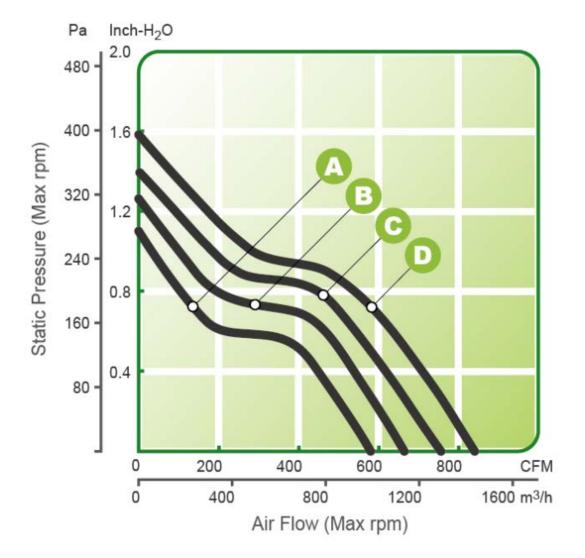
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STATIC PRESSURE:

ACOUSTIC LEVEL:

1.10" Inches of H20, Curve A (At Shut-Off and MAX. speed)

65 dBA Max. at MAX. speed (Measured via Freely Suspended at 1 meter)





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E.) TERMINATION

Suit with terminal block, PV1.25-3A-0.5 terminal

F.) RELIABILITY

Bearing type	Temperature	Hours
Ball bearing	20°C	60,000
	40°C	50,000
	60°℃	40,000
	90℃	20,000

G.) SAFETY

UL, CUL, TUV, CE