

Comair Rotron Specification Sheet

 $100 \sim 240 \text{VAC} + 10\%$

90~264VAC

0.04~0.07 Amps

3,200 RPM ±5% (At Free Delivery)

By Integrated Circuit

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Counter Clockwise when viewed from the

Brushless EC

IC protected

Yes

impeller

80 VAC

50~60Hz

5 Watts

Specification Date: May 13, 2024 Version: 03

COMAIR ROTRON PART NUMBER: COMAIR ROTRON MODEL NUMBER:

A.) MOTOR:

RATED VOLTAGE:

OPERATING VOLTAGE RANGE:

LOW-START VOLTAGE:

RUNNING CURRENT:

OPERATING FREGUENCY:

INPUT POWER:

NOMINAL SPEED:

MOTOR TYPE:

MOTOR PROTECTION: LOCKED ROTORT PROTECTION:

POLARITY PROTECTION:

AUTOMATIC RESTART CAPABILITY:

ROTATION:

B.) MECHANICAL

DIMENSIONS:120x120x 25mmWEIGHT:226gBEARING TYPE:Permanently Lubricated Ball BearingsVENTURI:Die Cast magnesium alloy,
ED coating and powder coatingPROPELLER:P.B.T+30%GF(Glass fiber) UL 94V-0

17000537A CREC1225-3200



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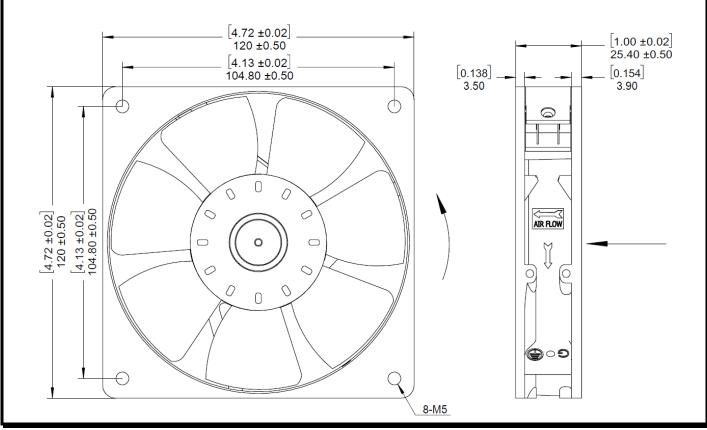


Figure 1

C.) ENVIRONMENTAL

OPERATING TEMPERATURE:

STORAGE TEMPERATURE:

HUMIDITY:

D.) PERFORMANCE CHARACTERISTICS

AIR FLOW:

STATIC PRESSURE:

ACOUSTIC LEVEL:

-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

89 CFM ± 5% (Measuring at zero static pressure)

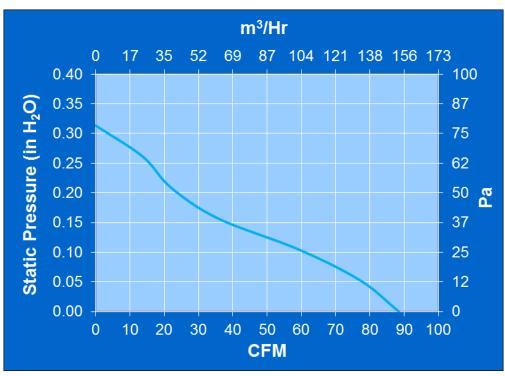
0.31" Inches of H2O (Measuring at zero airflow)

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



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E.) TERMINATION

Joint terminal:

suit with 0.5x3x7mm PIN

F.) RELIABILITY

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

G.) SAFETY

UL, CUL, CE

H.) FLAMMABILITY

The fan including all components meets a UL94V-0 rating or better.