Comair Rotron Specification Sheet

Specification Date: May 13, 2024
Version： 03

COMAIR ROTRON PART NUMBER:	17000541A
COMAIR ROTRON MODEL NUMBER:	CREC9225-4000

A.) MOTOR:

RATED VOLTAGE:	100~240VAC±10%
OPERATING VOLTAGE RANGE:	90~264VAC
LOW-START VOLTAGE:	80VAC
RUNNING CURRENT:	0.03~0.05 Amps
OPERATING FREGUENCY:	50~60Hz
INPUT POWER:	4 Watts
NOMINAL SPEED:	4,000 RPM ±5% (At Free Delivery)
MOTOR TYPE:	Brushless EC
MOTOR PROTECTION:	By Integrated Circuit
LOCKED ROTORT PROTECTION:	IC protected
POLARITY PROTECTION:	Yes
AUTOMATIC RESTART CAPABILITY:	By Integrated Circuit
ROTATION:	Counter Clockwise when viewed from the impeller

B.) MECHANICAL

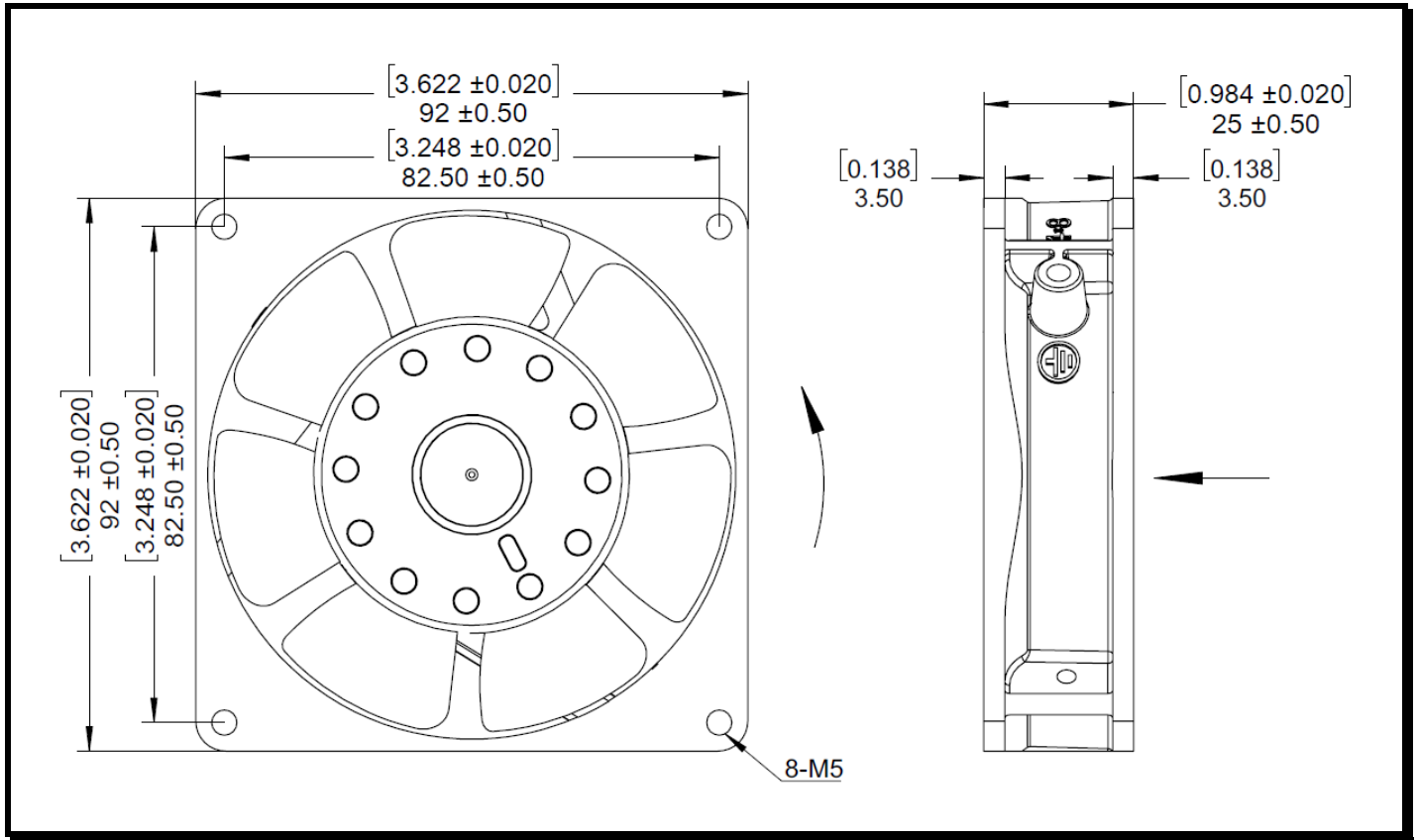|	
DIMENSIONS:	92mm x92mm x 25mm
WEIGHT:	181g (0.386 Lbs.)
BEARING TYPE:	Permanently Lubricated Ball Bearings
VENTURI:	Die Cast magnesium alloy, ED coating and powder coating
PROPELLER:	P.B.T+30%GF(Glass fiber) UL 94V-0

Figure 1

C.) ENVIRONMENTAL

OPERATING TEMPERATURE: -20°C to +70°C

STORAGE TEMPERATURE: The storage temperature will be suggested at
-20℃ ~ 50℃ to ensure a better performance.
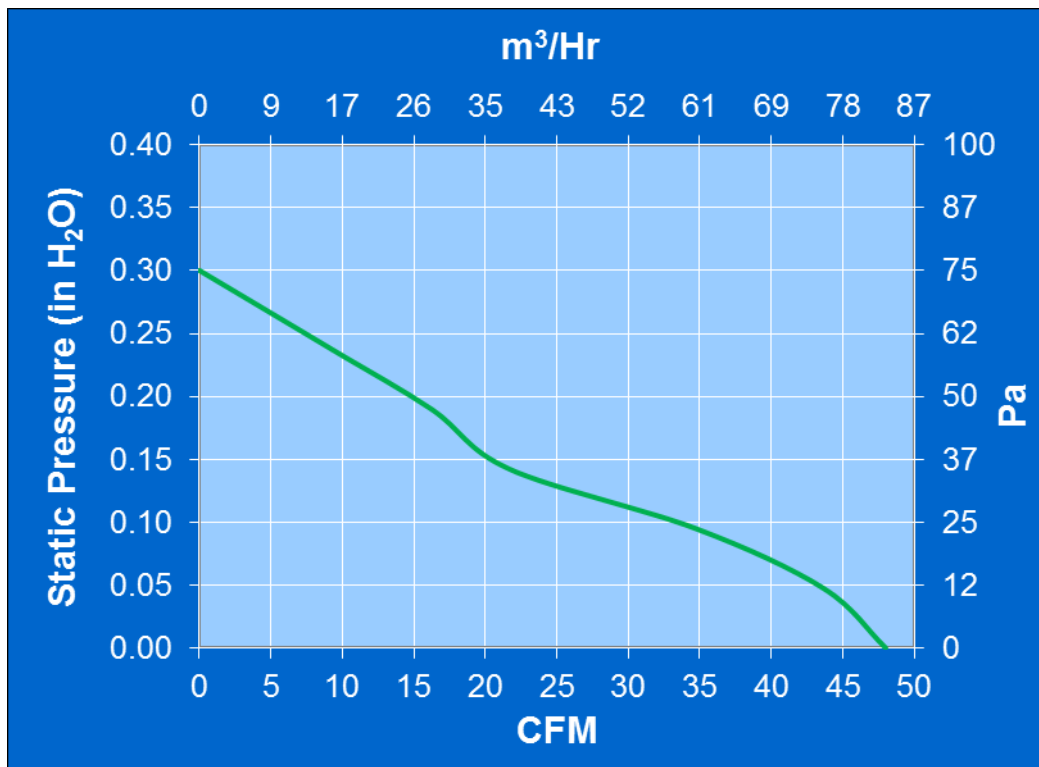
HUMIDITY: 20 to 85% RH, non-condensing

D.) PERFORMANCE CHARACTERISTICS

AIR FLOW: 48 CFM ± 5%
(Measuring at zero static pressure)

STATIC PRESSURE: 0.30" Inches of H_2O
(Measuring at zero airflow)

ACOUSTIC LEVEL: 43 dBA Max. at MAX. speed
(Measured via Freely Suspended at 1 meter)

E.) TERMINATION

Joint terminal: suit with 0.5×3×7mm PIN

F.) RELIABILITY

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

G.) SAFETY

UL, CUL, CE

H.) FLAMMABILITY

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