Comair Rotron Specification Sheet

Specification Date: Dec 12, 2017
Version：02

COMAIR ROTRON PART NUMBER:	17000537A
COMAIR ROTRON MODEL NUMBER:	CREC1225-3200

A.) MOTOR:

RATED VOLTAGE:	100~240VAC±10%
OPERATING VOLTAGE RANGE:	90~264VAC
LOW-START VOLTAGE:	80 VAC
RUNNING CURRENT:	0.04~0.07 Amps
OPERATING FREGUENCY:	50~60Hz
INPUT POWER:	5 Watts
NOMINAL SPEED:	3,200 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:	120x120x 25mm
WEIGHT:	226g
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

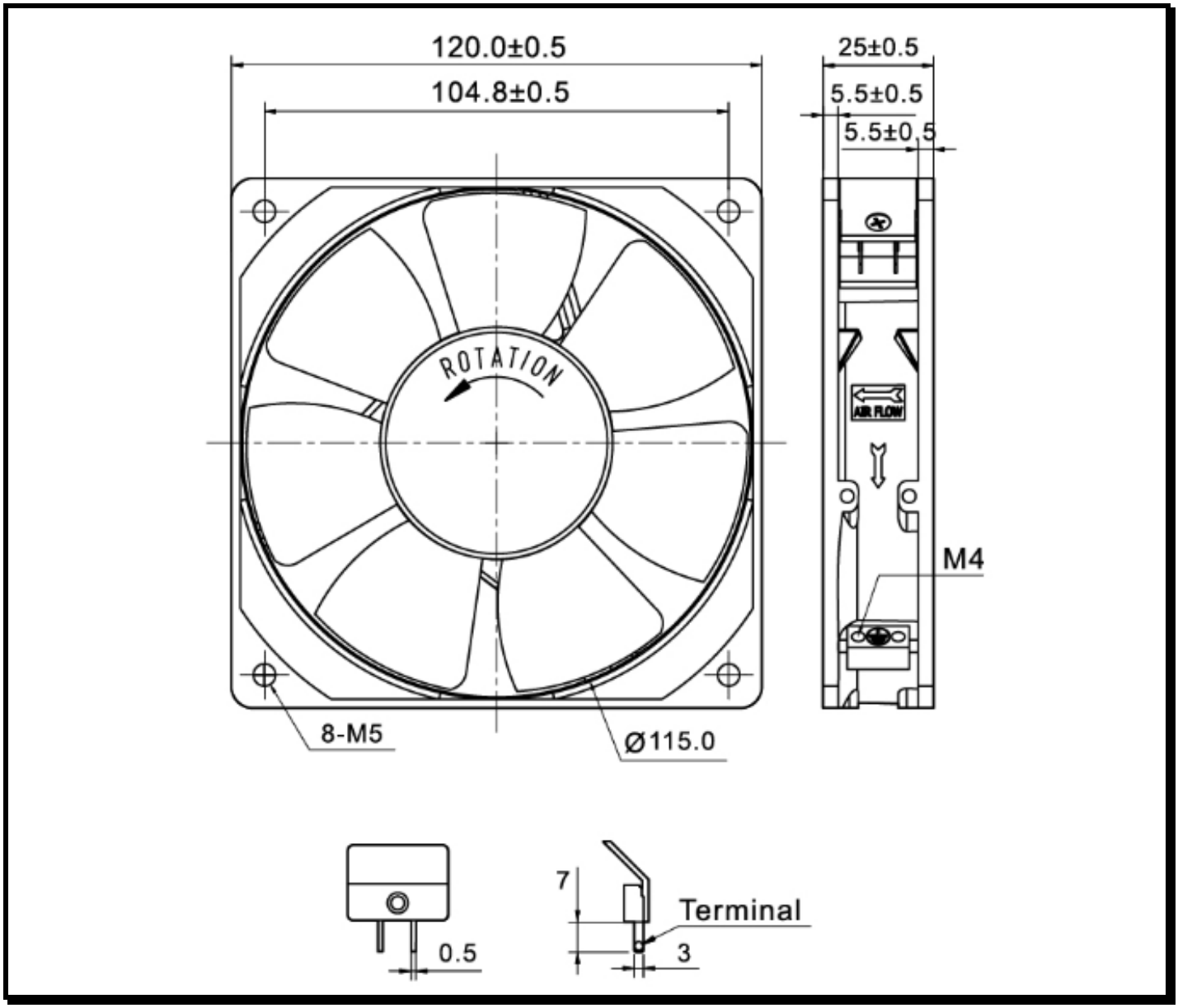


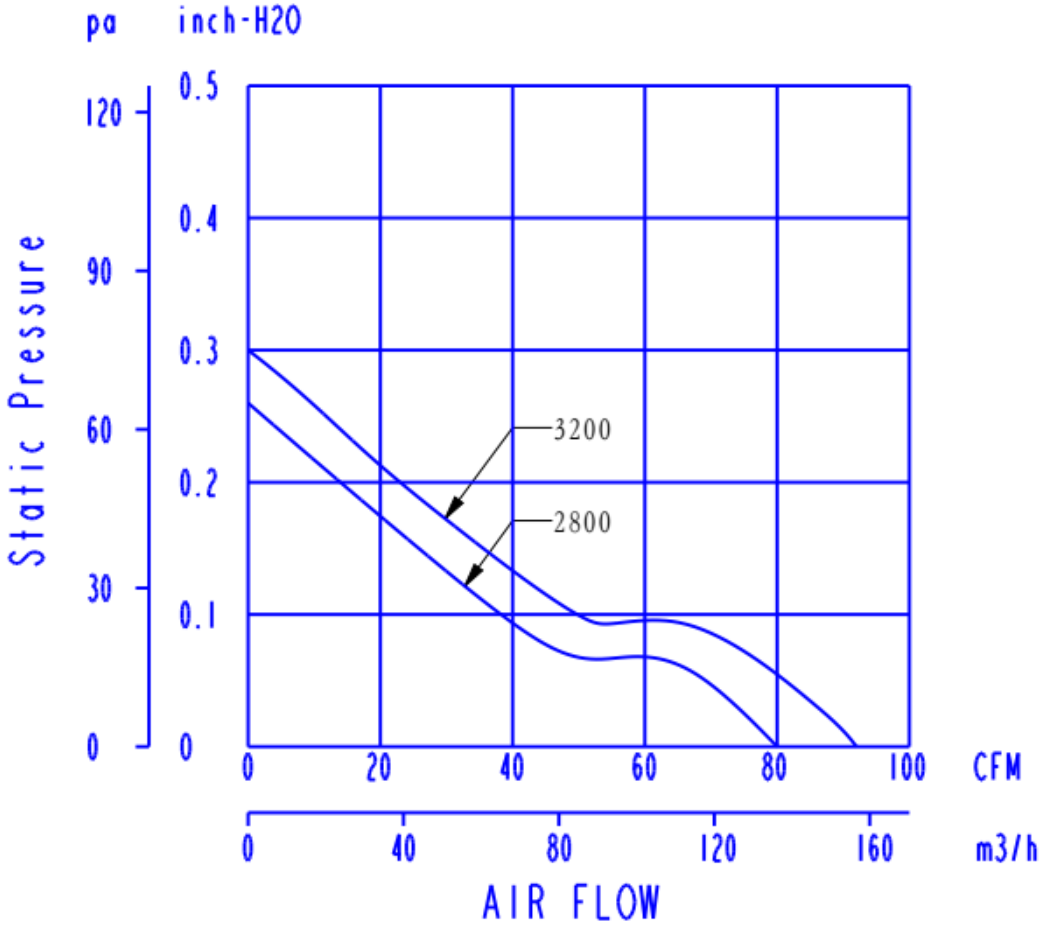
Figure 1

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:	92 CFM ± 5% (Measuring at zero static pressure)
STATIC PRESSURE:	0.30” Inches of H20 (Measuring at zero airflow)
ACOUSTIC LEVEL:	47 dBA Max. at MAX. speed (Measured via Freely Suspended at 1 meter)



E.) TERMINATION

Joint terminal: suit with 0.5x3x7mm 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.

Unikeyic Electronics

Global Electronic Components Distributor

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Comair Rotron:

17002001A 19030389A 19039646A 032772 039824 17002087A 19028868A 19032183A 19031092A GDA1238-48BB MA2B3 19031842A 17001219A 19028885A 19039299A 476042 GL24B7-E2 19039031A 031081 19028933A MD24B5-E2 19039030A 17001178A 17002016A 19030616A CLE2L2 19020188A 032740 031176 032620 19030622A 19032105A 19039306A 19039671A