

OAB220 Series



AC Centrifugal Blowers - 115, 230V
220mm x 76mm (8.66" x 3.00")

Side View Dimensions:
 Total Height: 155mm
 Motor Height: 220mm
 Base Width: 76mm ± 1
 Mounting Flange Width: 64mm
 Air Intake Diameter: Ø148mm
 Air Intake Depth: 26mm
 Mounting Hole Diameter: Ø4.5mm
 Mounting Hole Spacing: 1mm
 Motor Height from Base: 130.15mm
 Mounting Hole Diameter: Ø4.5mm

Top View Dimensions:
 Total Diameter: Ø220mm
 Mounting Flange Diameter: Ø58mm ± 0.2
 4x- M4 Max depth of Screw: 6mm
 Wire Leads: 400mm ± 5, UL 1015, 22 AWG

WIRING DIAGRAM

CAPACITOR DIMENSIONS (Units: mm)

Frame	Die Cast Aluminum	<p>Operating Temperature -20°C ~ +70°C</p> <p>Storage Temperature -40°C ~ +80°C</p> <p>Life Expectancy 35,000 Hours (L10 at 65°C)</p> <p>Available Options Multiple Speed Windings Custom Speeds Other IP/Salt Fog Ratings</p> <p>Recommended Accessories Steel Duct Ring (DR220Am0)</p> <p>Weight: 4.37 lbs</p>	<p style="text-align: center;">Airflow Curves</p>
Impeller	UL94 V-0 PA66 Plastic		
Connection	4x Wire Leads, 22 AWG UL 1015		
Motor	AC Induction Motor with included Capacitor, Thermally Protected, Impedance Protected, IP54		
Bearing System	Ball Bearings		
Dielectric Strength	1500VAC/Min, < 1mA		
Insulation Resistance	≥100MΩ @ 500VAC/min		

Part Number	Rated Voltage (Volts AC)	Voltage Range (Volts AC)	Frequency (Hertz)	Input Power (Watts)	Rated Current (Amps)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
OAB220-11-1	115	100 ~ 132	50/60	82/115	1.6/1.5	2650/2975	498/555	73.4/75.2	1.6/2.15
OAB220-22-1	230	200 ~ 255	50/60	82/115	0.71/0.66	2650/2975	498/555	73.4/75.2	1.6/2.15