

OAB220 Series



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

Technical drawings showing side and top views of the blower. Dimensions include: 1mm, 26mm, 130.15mm, 64mm, 76mm±1, Ø155mm, Ø220mm, Ø148mm, Ø58mm±0.2, and 4x-M4 Max depth of Screw: 6mm. Labels include AIR INTAKE and OPTIONAL DUCT RING ACCESSORY DR22025D.

WIRING DIAGRAM

CAPACITOR DIMENSIONS (Units: mm)

Wire Leads: 400mm±5, UL 1015, 22 AWG

Frame	Die Cast Aluminum	<p><u>Operating Temperature</u> -20°C ~ +70°C</p> <p><u>Storage Temperature</u> -40°C ~ +80°C</p> <p><u>Life Expectancy</u> 35,000 Hours (L10 at 65°C) 70,000 Hours (L10 at 25°C)</p> <p><u>Available Options</u> Multiple Speed Windings Custom Speeds Other IP/Salt Fog Ratings</p> <p><u>Recommended Accessories</u> Steel Duct Ring (DR22025D)</p> <p>Weight: 4.37 lbs.</p>
Impeller	PA66, UL94 V-0 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	

Static Pressure ("H₂O) vs CFM graph. The graph shows two curves: a dotted line for 50Hz and a solid line for 60Hz. Both curves show a decrease in static pressure as CFM increases. The 60Hz curve is consistently higher than the 50Hz curve.

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)
OAB220-11-1WB	115	100 ~ 130	50 / 60	82 / 115	1.60 / 1.50	2650 / 2975	498 / 555	73.4 / 75.2	1.6 / 2.1
OAB220-22-1WB	230	200 ~ 245	50 / 60	82 / 115	0.71 / 0.66	2650 / 2975	498 / 555	73.4 / 75.2	1.6 / 2.1