

Centrifugal Blower

100 CFM

Impeller Ø 100 x 40mm

Continuous Duty
 Die Cast Aluminium Casing
 Counter Clockwise Aluminium Impeller
 Integral Induction Motor in Aluminium Body



Blower Specifications:

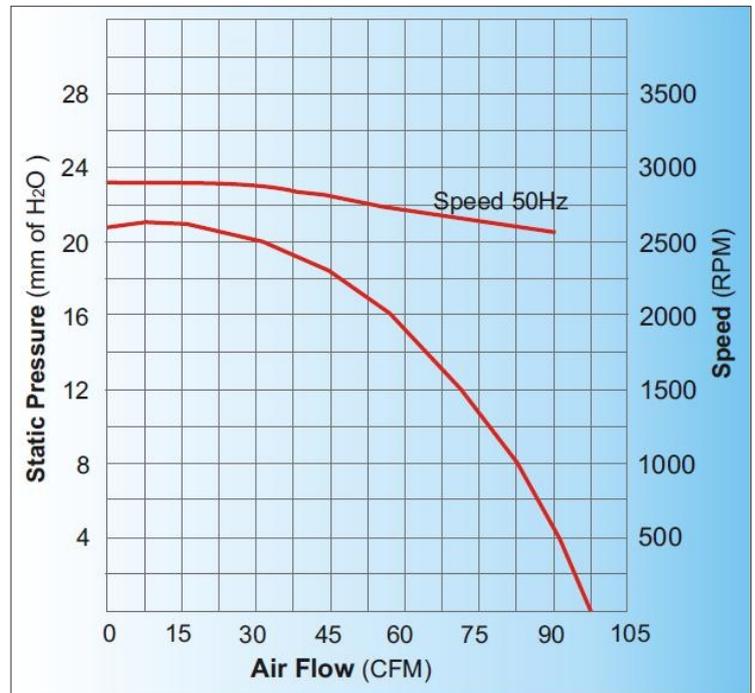
Model	Supply	Freq. Hz	Rated Current Amp	Rated Speed RPM	Max. Air Flow CFM			Cap. μ F
						Pa	mm of H ₂ O	
CB1040X	Single Phase 230V	50	0.2	2400	100	100	20	1.0
CB1040Y	Three Phase 415V	50	0.1	2400	100	100	20	-

Centrifugal Blowers move air by means of the centrifugal force generated by rotating cylindrical impeller.

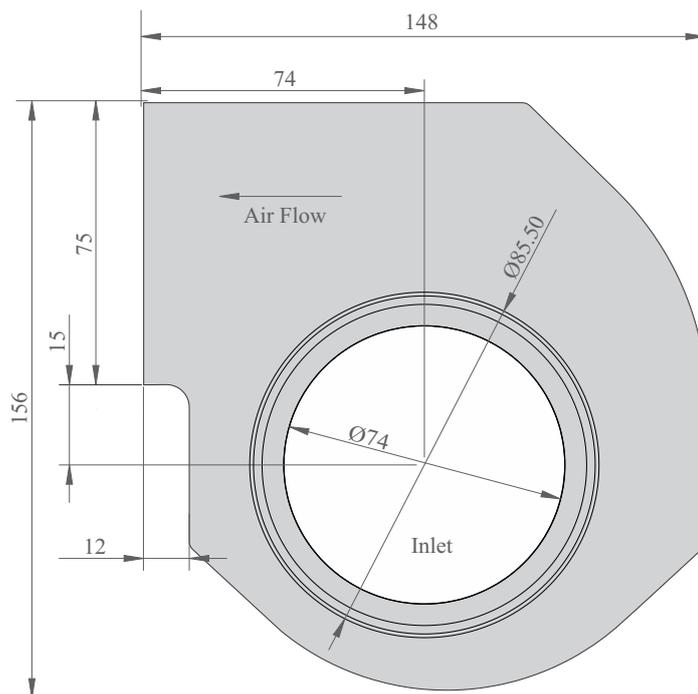
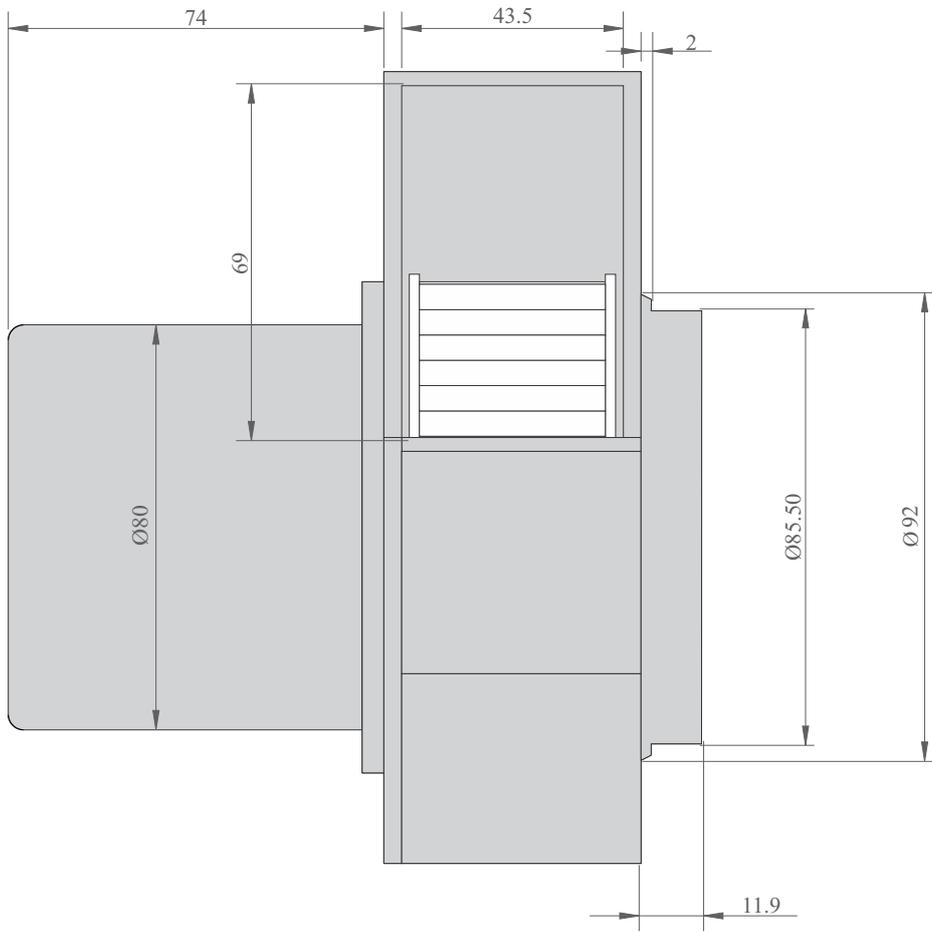
Used for applications where increased air pressure, increased static pressure, high airflow is required.

Centrifugal Blowers have small outlet, which concentrates air in a single direction, and are therefore suitable for local cooling.

Air Flow Vs Static Pressure:



Dimensions:



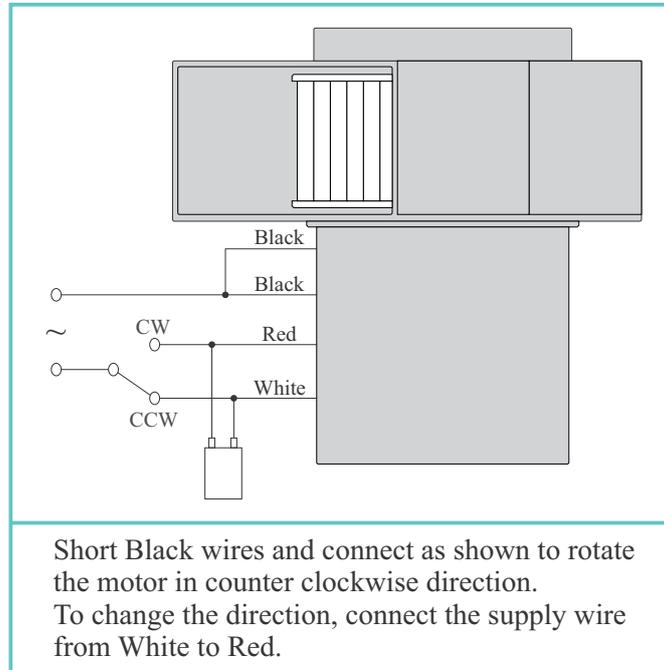
Max. Weight: 1.6 kg

Centrifugal Blower

Wiring Diagrams:

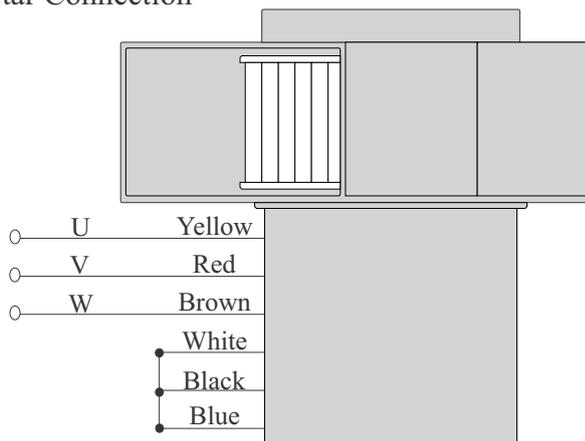
Wiring Diagram for Single Phase Blower

Ensure that the impeller is rotating in counter clockwise direction. Airflow is maximum.



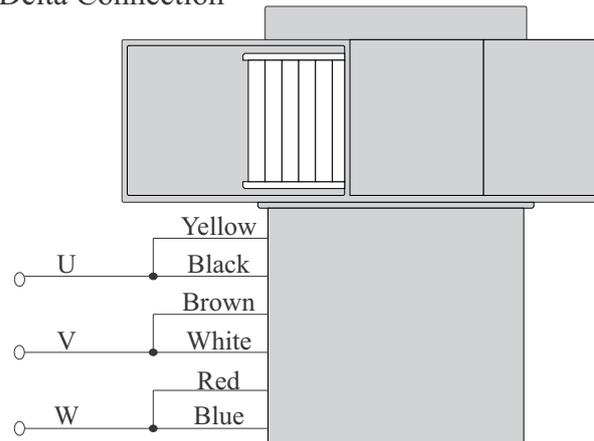
Wiring Diagram for Three Phase Motor

Star Connection



To change the direction, interchange any two wires between U, V & W. For 415 Volt 3 Phase supply, wires are connected as shown. Short White, Black, & Blue wires and then insulate it properly.

Delta Connection



To change the direction, interchange any two wires between U, V & W. For 230 Volt 3 Phase supply, wires are connected as shown.