



Portable Man Coolers

Application

Portable man coolers are used to supply generous quantities of air to hot working areas, machinery requiring cooling, and drying applications.

Construction

The robust fan and stand are manufactured in steel with good corrosion protection. Wire safety guards are located on both sides of the fan. The fan can be tilted and locked up to 15° upwards or downwards from the horizontal.

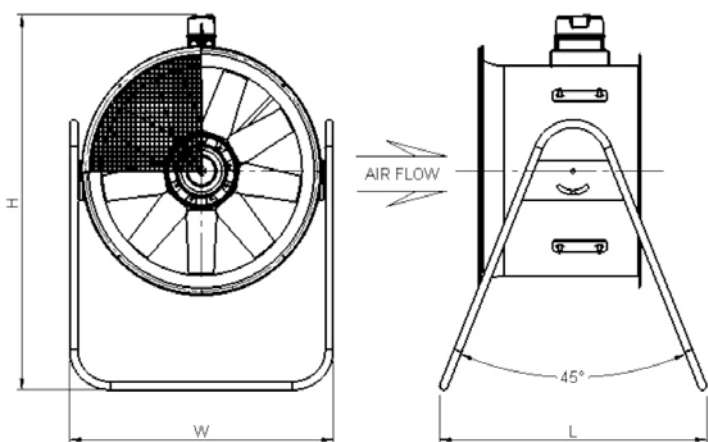
Motors

Totally enclosed IP55 motors are fitted as standard to suit single phase 230V or three phase 400V power supply.

The motor is protected by a direct-on-line starter which includes overload and single phasing protection.

Special motors can be fitted on request.

Model	Fan Size (ø mm)	Motor Power (kW)	Motor Full Load Amps (A)	Power Supply (Ph/V/Hz)	Fan Speed (RPM)	Sound Level (dBA @ 3m)	Free Air Delivery (m³/s)	Permissible Ambient Temperature Range (°C)	Mass (kg)	Dimensions (L x W x H mm)
PMC LDP50/9-9/30°/4/B/0.75kW M	500	0,75	4,7	1/220/50	1410	64	2,4	-20 - +40	50	700 x 750 x 1000
PMC LDA50/9-9/16°/2/B/2.2kW M	500	2,2	12,1	1/220/50	2850	80	3	-20 - +40	60	700 x 750 x 1000
PMC LDA50/9-9/30°/4/B/0.75kW T	500	0,75	1,71	3/400/50	1415	64	2,4	-20 - +40	60	700 x 750 x 1000
PMC LDA50/9-9/10°/2/B/1.5kW T	500	1,5	3,11	3/400/50	2865	81	2,1	-20 - +40	60	700 x 750 x 1000
PMC LDA50/9-9/16°/2/B/2.2kW T	500	2,2	4,48	3/400/50	2840	80	3	-20 - +40	60	700 x 750 x 1000
PMC LDA50/9-9/20°/2/B/3.0kW T	500	3	5,75	3/400/50	2880	81	3,5	-20 - +40	65	700 x 750 x 1000
PMC LDA50/9-9/25°/2/B/4.0kW T	500	4	7,5	3/400/50	2890	80	4,4	-20 - +40	80	700 x 750 x 1000
PMC LDA63/9-9/40°/4/B/3.0kW T	630	3	5,94	3/400/50	1410	68	6	-20 - +40	80	900 x 950 x 1250



Legend

PMC	Portable Man Cooler
LDA	Impeller type: LDP, LDA, or HDA
50	Fan nominal size in cm
9	Number of blades
9	Hub (for example: 9 bladed hub)
30°	Blade Pitch Angle
4	Number of poles (fan speed)
B	Form of Running (Form A: air over motor and then through impeller; Form B: air through impeller and then over motor)
0.75kW	Motor Power
M	M = Single Phase; T = Three Phase