



Heavy Duty Fans @ Light Duty Prices
Powervent[®]
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BRACKET



TUBULAR



PEDESTAL

MANCOOLER

The Solution to Industrial Heat Problems

NEED

Workers tend to lose energy and get exhausted while working in the intense heat on the shopfloors. This results in loss of productive capacity, decrease in output and strain in human relations. So a cooling appliance becomes essential. This is where **Powervent** Mancooler steps in.

QUALITY

The **Powervent** Mancooler is superbly designed and manufactured to provide the best cooling comfort and is useful even in areas of high temperature such as steel plants and foundries. It cools the body by producing a high velocity air stream with maximum reach. The blast of air provided by it sets in motion the surrounding air, which increases as it covers distance.

APPLICATIONS

- All shopfloors, specially those with furnaces, foundries and heat producing apparatus.
- Factories with large number of workers and machines.

- Cooling of brick kilns, cooling bottles in glass works, tempering furnaces and electrical equipment.
- Industrial cooling of castings, generators and other machines.
- Dehydration in cold storage of perishable and edible products.

BENEFITS

It increases productive capacity and at the same time, improves industrial relations. It acts as the substitute for several fans of other types.

VARIANTS

A. PEDESTAL TYPE : It is designed to be placed on the floor. The impeller and Motor are mounted on a heavy base and a robust supporting column.

B. BRACKET TYPE : It is useful where adequate floorspace is not available and it is fixed to the wall or column.

C. TUBULAR TYPE : In this type the Impeller and Motor Assembly is placed in a Tubular Casing having a provision for angular adjustment so as to channelise the air stream in the required direction. It is portable and stands steadily even on rough surface.

TECHNICAL DATA

Sweep		Supply		Speed	Power	Total Air Delivery at 10 times Blade Sweep		Minimum Peak Air Delivery at a distance of		
								10 times Blade Sweep	15 times Blade Sweep	
Inch	mm	Volts	Phase	rpm	Watts	HP	C.F.M.	m ³ /hr	m ³ /min	m ³ /min
12	300	230/415	Single/Three	2850	250	0.33	5250	9000	250	200
19	480	230	Single	1440	375	0.5	7000	12000	200	120
19	480	415	Three	1440	375	0.5	7000	12000	200	120
19	480	415	Three	2900	1800	3.0	13000	22000	250	200
24	600	230	Single	1440	500	1.0	16500	28000	250	150
24	600	415	Three	1440	500	1.0	16500	28000	250	150
30	750	415	Three	1440	1400	2.0	21500	37500	250	150
36	900	415	Three	960	1500	2.0	32500	55250	250	150
36	900	415	Three	1440	2000	3.0	37500	63750	275	175
40	1000	415	Three	960	3500	5.0	37000	63000	250	150
48	1200	415	Three	960	3700	5.0	43800	74500	250	150

Generally conforming to IS : 6272

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DEALER

Since continuous development for improvements is a way of life with us, the product supplied may differ in minor details from what has been described in this leaflet