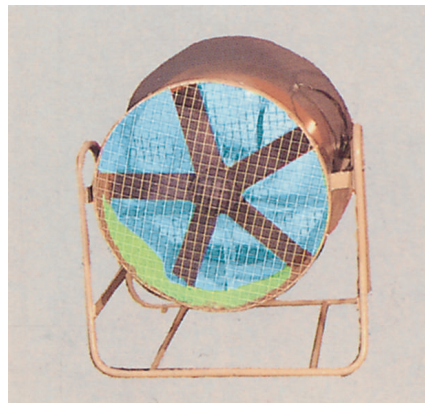


MAN COOLER For comfort of workmen



- Ruggedly built with heavy duty motor.
- Wide industrial application.
- Also ideal for cooling brick kilns, cooling bottles in glass works, external cooling of annealing furnaces, cooling industrial electrical apparatus etc.
- Minimum maintenance.
- Available in three categories : Pedestal, Bracket & Tubular.
- Cast aluminium high grade alloy aerofoil impeller.
- Also available with flame proof motors.

TECHNICAL SPECIFICATION

Nominal Sweep	Speed	Motor Rating	Total Air Delivery	Minimum Peak Air Velocity at a distance of	
				10 times Blade Sweep (m/min.)	15 times Blade Sweep (m/min.)
(Inches/mm)	(R.P.M.)	H.P.	at 10 times Blade Sweep (m ³ /h)		
19" (483 mm)	2900	3	22000	250	200
24" (610 mm)	1440	1	28000	250	150
30" (762 mm)	1440	2	37500	250	150
36" (914 mm)	960	2	56000	250	150
	1440	3	65000	275	175
48" (1220 mm)	960	5	74500	250	150

Motors are generally available for 400/440 volt 3 phase 50 c/s AC supply.

Performance figures of the fans are based on tests as per IS : 6272 with the tolerances mentioned therein.

SHOP FLOOR COMFORT

Workmen's health and well-being are essential for consistent quality output.

MARATHON ELECTRIC MOTORS

Man Coolers provide the necessary fresh air, so essential for upkeep of workmen's health in humid and dusty environment.

The MARATHON ELECTRIC MOTORS Industrial Cooling Fan is excellently engineered for such a cooling need and finds acceptance in high temperature environments such as steel plants and foundries. These fans play an effective part in cooling the body by producing a high velocity air stream over long distances to rapidly vaporize perspiration. The air stream sets in motion the surrounding air which becomes progressively greater in volume with the distances covered.

BRACKET TYPE

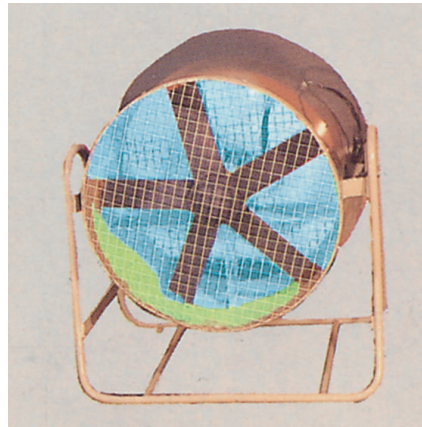
The Bracket Type Man Cooler is suitable for mounting on the wall or



the column. A heavy steel tubular support is provided for mounting the fan. The air stream may be adjusted in horizontal and vertical plane by providing tilting arrangement. Wire-guard is also provided for both sides of the impeller for protection.

TUBULAR TYPE

In Tubular Type Man Cooler, impeller and motor assembly are placed in a tubular cradle fitted with heavy feet for floor mounting.



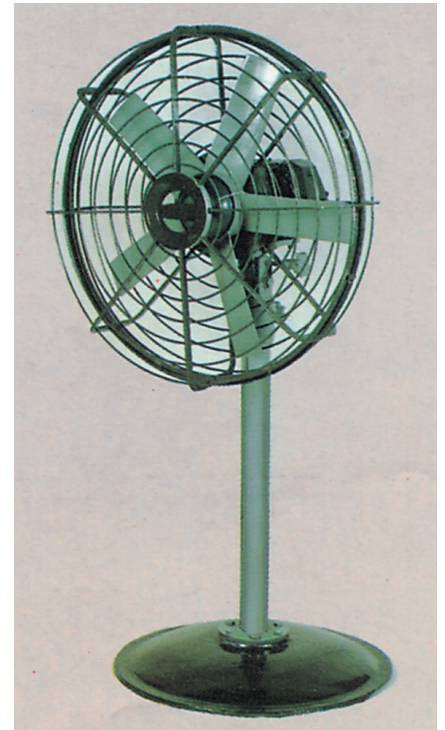
Easily moveable from place to place, arrangement can be made, if necessary, for adjustment of the air stream through vertical plane only.

Wire-guards are provided at both sides of the casing which houses the fan assembly. This long casing helps to channelise the air stream effectively over a long distance.

PEDESTAL TYPE

Pedestal Type Man Cooler is designed to be placed on the floor. Impeller and the Motor are mounted on a heavy base and steel supporting column. Wire guard is provided of both sides of the impeller for protection.

The air stream may be adjusted in vertical and horizontal plane by providing tilting head arrangement.



NOTE : The Company's policy is one of continuous development and improvement of its products and therefore, the right is reserved to supply products which may differ from those described and illustrated in this publication.



Specialized custom built motors • Specialists in short cycle deliveries

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