

ALMONARD

INDUSTRIAL MANCOOLER

ISO 9001:2000



Certificate No.: QI-4567/07



PEDESTAL



WALL MOUNTING



REGD. TRADE MARK



TUBULAR

Proven Performance
QUALITY • DEPENDABILITY • RELIABILITY

'ALMONARD' has included Mancooler in its product range to facilitate the shop floor in the industries to provide a better environment for their employees which in turn results by the increase in production.

'ALMONARD' Mancoolers are designed for large Air Volume discharge with high velocity and for long distance sweep.

'ALMONARD' Mancoolers can be used in various applications such as Arc furnaces, Drier Annealing furnaces, cooling the electrical equipments, for general comfort and proper ventilation in the shop floors.

'ALMONARD' Mancoolers are available in three types: Wallmounting or Bracket, Pedestal and Tubular type.

WALLMOUNTING OR BRACKET TYPE

The Wallmounting Mancoolers are suitable for mounting at higher elevation in the wall or stanchion to avoid the occupation of floor

space. These fans are mounted on steel pipe with suitable holes in the base plates for heavy duty Motors.

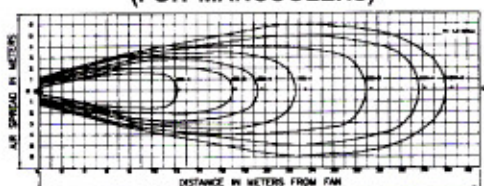
PEDESTAL TYPE

These type Mancoolers are designed to stand on the shop floors. The cast aluminium alloy, statically and dynamically balanced impeller of high efficiency Aerofoil Section blade is mounted directly on the motor shaft with suitable, sturdy protection guards and mounted on the steel pipe with motor base plate. The cast iron solid base holds the assembly on the floor free from Vibration. The Air throw can be adjusted vertically for various positions. Castor wheels can be provided for the special application on specific request.

TUBULAR TYPE

In this type of Mancoolers, the impeller and Motor Assembly is mounted in the circular casing with suitable stand arrangement. This can be moved from place to place easily even in rough floor areas. The Air flow can be adjusted vertically for any convenient Position. Necessary protection guards are also provided on both sides of the casing.

AIR VELOCITY AND TRAVEL DIAGRAM (FOR MANCOOLERS)

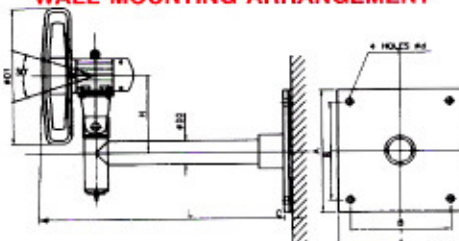


TECHNICAL SPECIFICATION FOR INDUSTRIAL HEAVY DUTY TYPE MAN COOLER

Sweep mm/ Inches	H.P.	RPM*	Total air delivery 10 times blade sweep (MF/HR)	MINIMUM PEAK AIR VELOCITY AT A DISTANCE OF	
				10 times blade sweep (M.min.)	15 times blade sweep (M/min.)
450 (18")	0.5	1370	12000	200	150
450 (18")	2.0	2810	24000	250	200
600 (24")	0.75	1400	28000	250	150
750 (30")	2.0	1400	37600	250	150
900 (36")	2.0	920	58000	250	150
900 (36")	3.0	1400	65000	275	175
1200 (48")	7.5	950	74500	250	150

1. Motors are generally available for 415V, 3 Phase, 50Hz, AC supply.
2. Performance figures conform to IS 6272 with tolerances mentioned therein.
3. Specifications are subject to change without notice due to continuous development and innovation.

WALL MOUNTING ARRANGEMENT



TYPE	SIZE mm/inch	A	B	C	∅ D1	∅ D2	L	H	∅ d
WMC-45	450/18"	250	200	16	500	48	600	250	15
WMC-60	600/24"	250	200	16	650	48	600	250	15
WMC-75	750/30"	265	200	16	800	76	560	260	15
WMC-90	900/36"	265	200	16	950	76	560	272	15



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Fax: 2330 3865.

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Bansi Park, Jaipur - 302 016.
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Tel./fax: 228 7982

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Tel./fax: 230 6238.