ALMONARD

INDUSTRIAL MANCOOLER

ISO 9001:2000

Certificate No. : QU-15e/7 07

PEDESTAL

WALL MOUNTING

REGD. TRADE MARK

TUBULAR

Proven Performance

QUALITY • DEPENDABILITY • RELIABILITY

'ALMONARD' has included Mancooler in it's 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 stanction 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.

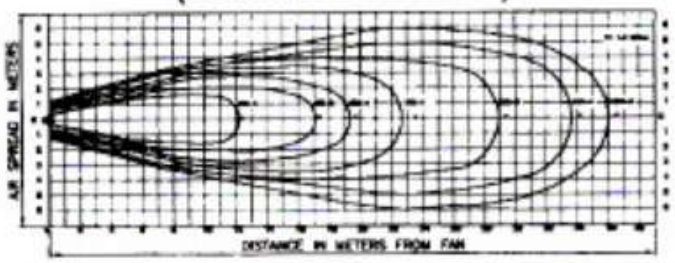
PEDESTAL TYPE

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)

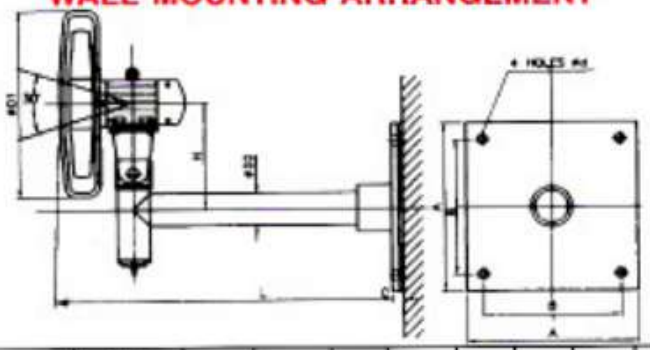


TECHNICAL SPECIFICATION FOR INDUSTRIAL HEAVY DUTY TYPE MAN COOLER

Sweep mm/ Inches	H.P.	RPM	Total air delivery 10 times blade sweep (M³/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	37500	250	150
900 (36")	2.0	920	56000	250	150
900 (36")	3.0	1400	65000	275	175
1200 (48")	7.5	960	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	ø D1	ø D2	L	H	ø 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

REGD. TRADE MARK

ALMONARD PRIVATE LIMITED

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BARODA Works : 852/2 & 853/1 GIDC, Makarpura, BARODA - 390010. • Tel. : 2642264, • Fax : 2656330
CHENNAI Off. & Works : 439/3B, Ekambara Naicker Industrial Estate, Off Arcot Road, Alapakkam, Porur, Chennai - 600 116.
Tel. : 2475 2100, 2476 2030, 2476 1424. • Fax : 2476 2627. • Email : almonard@md5.vsnl.net.in

PUNE : 118/119 Industrial Comm. Complex, Navi Peth, L. B. S. Road, PUNE - 411 030. Telefax : 2453 2728.

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AHMEDABAD : 212, 2nd Floor, Nalanda Enclave, Opp. Hotel Chicago, Elisbridge, AHMEDABAD - 380 006. Telefax : 2658 4876.

SURAT : House No. 17, Hutch Tower Building, Sahara, P.O. Sarali, Taluka Olpad, Dist. Surat - 395 010.

COCHIN : Door No. 36/3857, Thammanam Pulleppady Road, Cochin - 682 017. Tel. : 0484 - Fax : 3063788 Tel. 3063790

CALICUT : 22/1158 A&B Kanhatta Valappu, Cotton Mill Road, Thiruvanur P.O. Calicut - 673 029. Telefax : 232 3672.

BHUBANESHWAR : 53/86, New Industrial Area, P.O. Rasulgarh, Bhubaneshwar - 751 010. Tel. : 0674-258 7767 Fax : 0674-258 7757

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VIJAYAWADA : D. No. 1-4-245, R.T.C. Workshop Road, Bhavanipuram, Vijayawada - 520 012. T/F - 0866-2416046 Tel. : 2561946

VISAKHAPATNAM : Door No. 49-52-39, 1st Floor, Beside ESML Exit. Office, Sankara Mahan Road, Seetapalem, Visakhapatnam - 530 016. Tel. : 0891-2765836

MADURAI : 7-A, Ratnasamy, Nadar Road, Chokkikulam, Madurai - 625 002. Tel. : 0452-2533808 Fax : 0452-2520303.

COIMBATORE : 11, Captain Palaniswamy Layout, Thadagam Road, Coimbatore - 641 002. Telefax : 245 1811.

BANGALORE : 230, Magadi Main Road, Bangalore - 560 023. Tel. : 2338 1669 Fax : 2330 3065.

HUBLI : Plot No. 23, Hubsar Compound, Near Green Garden, Gokul Road, Hubli - 580 030. Tel. : (0836) 223 7959

INDORE : 58, Vishnupuri Main, A. B. Road, Indore - 452 001. Telefax : 246 4676, 244 0750

DELHI : Plot No. 420, Functional Ind. Estate, Patparganj Industrial Area, Delhi - 110 092. Telefax : 2215 6143, 2215 6154.

JAIPUR : D-18-A-1, Meena Marg, Bani Park, Jaipur - 302 016. Tel. : 0141-2200152, Telefax : 220 7982

KANPUR : 16-71, B Civil Line, Near Income Tax Office, Kanpur - 208 001. (U.P.) Telefax : 230 6238.

JALANDHAR Plot No. 1348, Lucky Market, Near Lucky Book Depot, Rama Mandi, Jalandhar. Tel. : 0181-6521192