

**Why exhaust fan?**

Ventilation is essential to create a comfortable working environment, whether it is to bring fresh cool air into a room or remove noxious fumes or vapours. For certain activities there is a legal requirement to provide a minimum level of ventilation.

The rate of ventilation for an area is normally expressed in 'air changes per hour', i.e. the number of times per hour that the entire air volume of the area is changed.

The rate depends of the type of shed and the activity being undertaken. The following table lists suggested air changes per hour for some typical applications.

Ventilating a simply replaces stale or foul air with clean & fresh air can be done by Exhaust fan only.

AIR CHANGES PER HOUR	
Bakery	20 - 30
Canteen	8 - 12
Commercial kitchen	30+
Dairy	8 - 10
Electroplating shop	10 - 12
Engine room	15 - 30
Factory or workshop	8 - 15
Fume cupboard	40 - 50
Foundry	15 - 25
Garage	8 - 15
Spray booth	20 - 50
Warehouse or store	6 - 8

Model	Diameter Blades(mm)	Noise (decibels)	Air flow (m <sup>3</sup> /h)	Blades rotational speed (r/min)	Import Power (W)	Rated Voltage (V)	H X W X Thickness (mm× mm× mm)
MIEF-900	900	≤ 70	35,000	670	750	415	1000x1000x450

# Industrial Exhaust Fan





**High Performance Industrial Exhaust Fans**

## APPLICATION



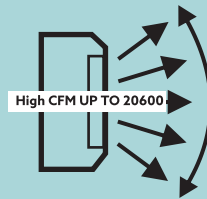
## COMPARISON MARLEY HIGH CFM INDUSTRIAL EXHAUST FAN & TRADITION EXHAUST FAN

Size	40 Inch	18 Inch or 24 Inch
Power	750 W	550 W
CFM	20600	4500
Number of fans	1	4
Operating power in kW	0.75 kW	2.2 kW
Operating Cost	Rs. 6.75	Rs. 19.8
Unit Rate per hour = Rs.9.00		

Protection grade IP55  
Insulation grade F  
100% cooper wires



**HD**  
HEAVY-DUTY



Authorised Channel Partner



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