

Air Circulators and Mancoolers



UL/cUL Listed 507 is standard on In Stock models.

34

Best Available Program

In Stock

Model IC and ICO Direct Drive

Air circulator fans are non-oscillating and oscillating direct-driven two-speed fans designed for air movement in humid and demanding applications and are suitable for spot cooling and recirculating air in factories, warehouses, manufacturing facilities, and garages. Fan heads utilize a vertical locking tilt adjustment for directing air where it is needed. A required mounting accessory is to be purchased separately.

Performance

IC capacities range from 3,055 to 9,704 cfm.

ICO capacities range from 3,055 to 9,612 cfm.

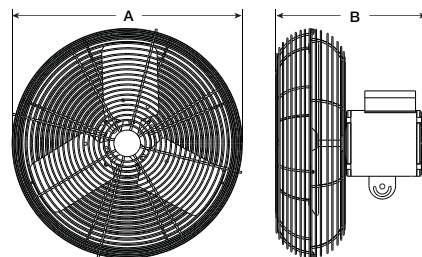
Standard Construction

- Propeller - three-bladed, aluminum
- OSHA compliant polyester powder-coated wire guard
- Totally enclosed air over permanent split capacitor motor
- Factory-wired, 10 foot power cord with 3-conductor plug
- Pull chain switch
- Ball bearings
- Maximum ambient temperature of 104°F
- Oscillating units sweep through 45° or 90° arc

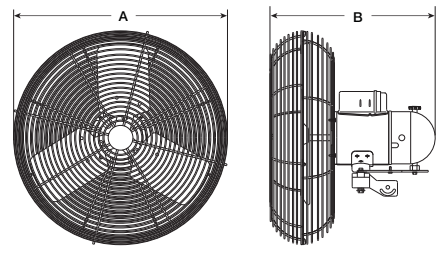
Options and Accessories

- Pedestal mount
- Pedestal wheel kit
- Wall/post/ceiling mount bracket
- Suspension mount bracket (IC)
- I-beam mount bracket

IC - Non-Oscillating



ICO - Oscillating



Dimensions for IC, ICO

Model Size	Propeller Diameter	A	B	Model Size	Propeller Diameter	A	B
Non-Oscillating				Oscillating			
IC-20	20	23	12¼	ICO-20	20	23	16¼
IC-24	24	27	12¼	ICO-24	24	27	16¼
IC-30	30	33	14¼	ICO-30	30	33	19

All dimensions are in inches.



MCB



Model MCY and MCB Direct Drive

Tube axial fans are designed for applications where localized air direction and circulation are required. Mancoolers increase comfort levels in high temperature work environments, cool processes and equipment, remove smoke and fumes and generate a barrier for insects. These fans are also effective in destratifying air. Warm air accumulated at the ceiling level can be directed toward the floor and hot spots can be dissipated. Destratifying reduces energy costs and directs air where it is needed. Multiple mancoolers can also be used as part of a general plant ventilation system to improve air quality and general comfort.

Performance

Capacities range from 3,000 to 33,000 cfm with guards and 3,400 to 37,000 cfm without guards.



Greenheck Fan Corporation certifies that the Model MC shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

Best Available Program

10 Days

36

Standard Construction

Heavy gauge continuously welded scroll	Extended motor wiring
Tapered airfoil blades - aluminum	Multiple mounting arrangements
Guards - OSHA	Permatector™ protective powder coating
Options and Accessories	
Casters (MCB)	Inlet bells
NEMA rated disconnect switch	Decorative or protective powder coating

Mancooler Mounting Arrangements and Dimensions

Model MCY — Yoke Mount

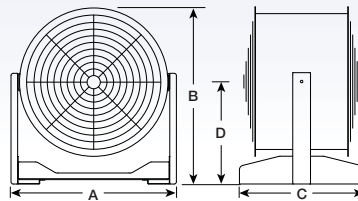
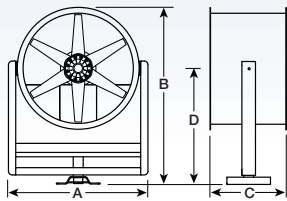
This mounting arrangement allows the fan to be mounted on vertical or horizontal beams. Airflow direction is unlimited. The fan housing can rotate 360° within the yoke, which can also rotate 360° on its axis.



Model MCB — Base Mount

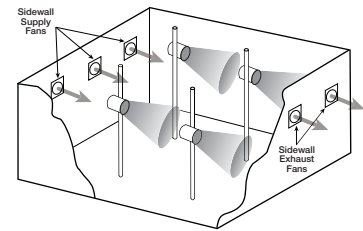
The base mount allows the fan to be mounted directly to floors, walls or ceilings. Fans can be rotated a full 360°.

The caster mounted option (*shown right*) allows even the largest size fans to be portable.



Multiple Mancooler Installation

Multiple mancoolers can be used as part of a general plant ventilation system to improve air quality and individual comfort. In the winter, they can move hot air from the ceiling to the floor and break up hot spots generated by unit heaters. (see diagram)



Model Size	Model MCY - Yoke Mount*				
	A	B	C	D	Unit Weight
18	27	36	18	25½	140
20	29	39	19	27	160
24	33	42	19	28½	190
30	39	49	21	32	240
36	45	55	21	35½	350
42	51	64	27	41	600
48	58	70	27	43	660

Model Size	Model MCB - Base Mount				
	A	B	C	D	Unit Weight
18	26	28	22	17	120
20	28	29	23	17½	140
24	32	33	28	19½	170
30	38	40	28	23	220
36	45	47	34	27	330
42	51	53	40	30	590
48	58	60	42	33½	660

All dimensions are in inches.

To ensure proper installation, beam or other structure fan is to be mounted on must be capable of supporting fan weight. Weights (lbs.) shown include the motor weight for the maximum frame size motor.

Columns A, B, and C have been rounded up to the nearest inch.

*Yoke mount shown without guards.



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For comprehensive product information, including performance, access the product catalog found on www.greenheck.com or contact your local Greenheck representative.