

ROMAIR®

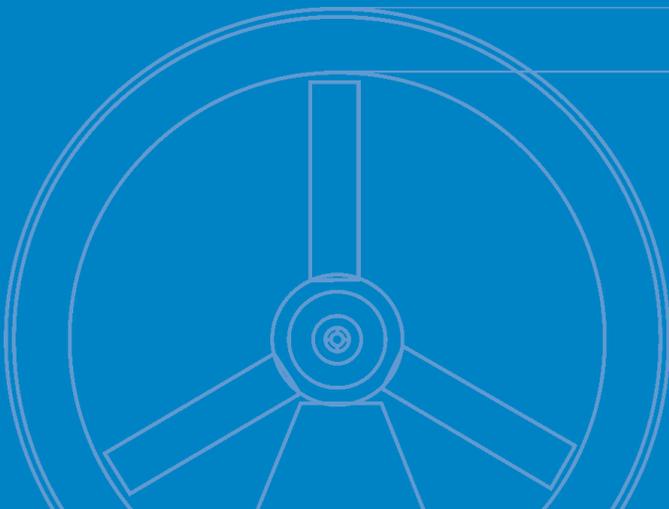
AIRWAVE HIGH VELOCITY FANS



Air flow →

C

A New Wave In Air Movement



A

B

APPLICATIONS

Good air distribution inside the building amounts to substantial savings through greater productivity and lower utility bills

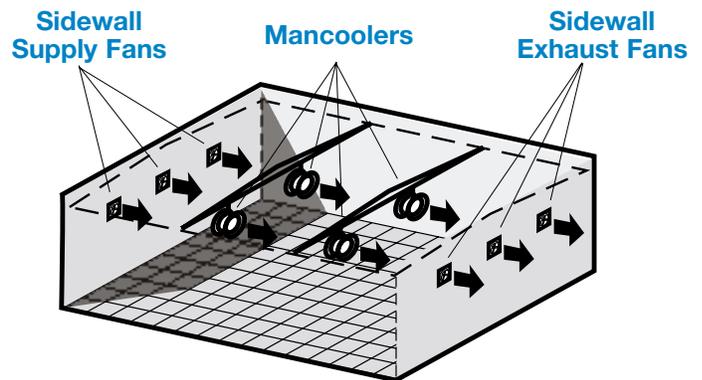
There are many applications for these versatile high velocity fans such as product cooling, drying, building ventilation, dock cooling, assembly line cooling, condensation, and mezzanine ventilation.

Pedestal fans and other types of mancoolers were primarily designed to cool individuals working in high temperatures. However, it is impractical to have a pedestal fan for each worker or groups of workers. By placing the fan above the work areas you can cool a much larger area, and avoid interference caused from pedestal or box fans getting in the way of material handling equipment and personnel.

WHOLE BUILDING VENTILATION

A smart approach in ventilation design of whole buildings is to use multiple high velocity fans as part of a general plant ventilation system to evenly distribute conditioned or heated air throughout the building, improving the air quality and individual comfort. In the winter these fans can help move the hot air that rises to the ceiling and direct it back down to the floor level where it is more beneficial to working personnel. In addition, these fans can help spread and break up the hot spots generated by unit heaters.

In the summer, these high velocity fans can help evenly distribute or direct conditioned air to personnel that may be obstructed by racking or other partitions. Good air distribution inside the building amounts to substantial savings through greater productivity and lower utility bills. Refer to the above illustration.



DOCK COOLERS

Romlair Airwave dock fans are designed to recirculate air in and around loading docks, and trailers. Semi-truck trailers often get extremely hot inside while sitting on the loading dock. Loading and unloading them at these elevated heat levels can seriously effect the health and performance of the personnel working in these areas. These high velocity fans can be installed to blow air along the top of the trailer, forcing the hot air out the bottom part of the trailer, resulting in much improved working conditions for the employees.

How a Romlair HIGH VELOCITY dock fan works



Much improved conditions for personnel loading and unloading trailers.

ASSEMBLY LINES

Romlair Airwave fans are designed to project airstreams up to 200 feet providing better air distribution over assembly lines than using standard type pedestal or box fans. This keeps the work area free of multiple fans placed all along the line which can interfere with production.

PRODUCT COOLING, DRYING, AND FREEZING

The process time of drying painted parts can be substantially reduced by installing Airwave fans in the drying area and directing the air flow towards the painted parts. In addition, this same procedure will significantly reduce the required process time for cooling and freezing products.

MODEL AF-CS CHAIN SUSPENDED



**MODEL AF-CS
FOR CHAIN SUSPENDED
MOUNTING**

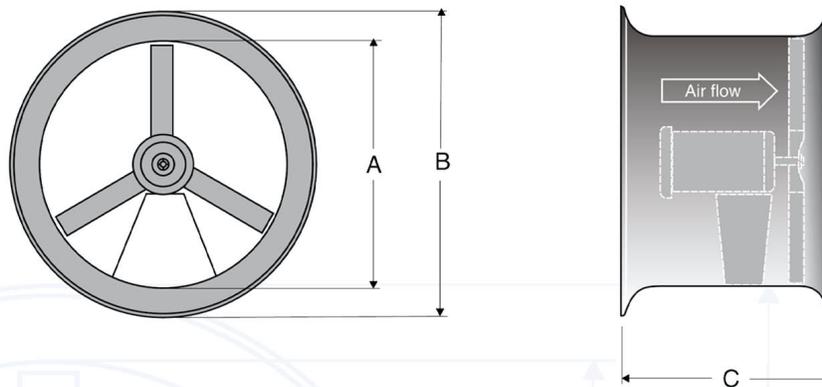
When suspended from above, these high velocity fans provide an even stream of air around the work or warehouse area, effectively distributing air to 100% of the area. This is more desirable than providing pedestal fans which can only cool a limited area and often get in the way in production or warehouse operations.

The chain suspension installation is the most popular, simple and low cost method of installation.

FEATURES

- Direct driven for minimal maintenance.
- High performance zinc-aluminum propeller.
- Attractive deep spun 14 gauge steel housing.
- Safety guards on both the inlet and exhaust side of fan. Guards are constructed of 1/2" mesh galvanized steel screen.
- Motor mounting bracket designed to fit most standard off the shelf motors.
- Power cord furnished on single phase units.
- Fan housing coated with a thermally fused powder coated black finish.

PERFORMANCE & DIMENSIONS



AF-CS PERFORMANCE DIMENSIONS									
SIZE MODEL	CFM	RPM	HP	AREA COVERAGE (SQ FT)	DISTANCE AIR THROW (FT)	A	B	C	SHIP WEIGHT
AF-CS-14	2690	1725	1/4	1800	60	14-1/2	20	16	38
AF-CS-18	3950	1725	1/2	2400	80	19	24	16	57
AF-CS-22	5630	1725	1/2	3600	120	22-1/4	29	16	61
AF-CS-30	12050	1725	1	12000	200	30-1/2	37	22	105

MODEL AF-YM YOKE MOUNTED



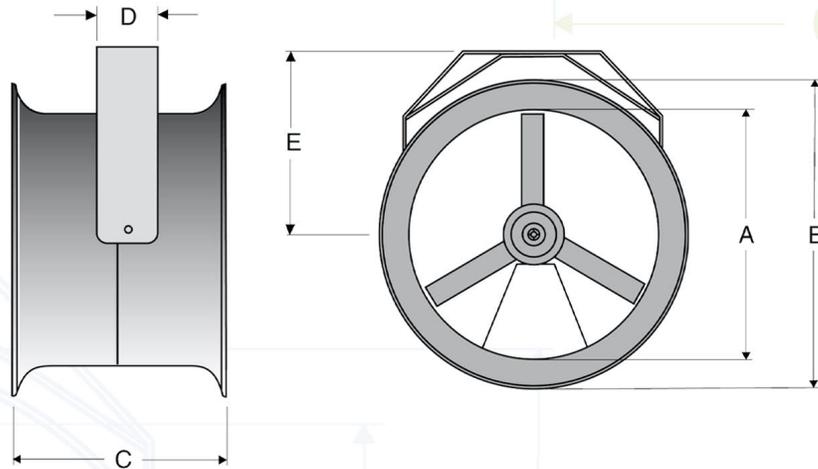
**MODEL AF-YM
FOR YOKE MOUNTING**

Another method of mounting is the yoke type mount, which allows easy adjustment up and down and side to side. Can be mounted to overhead beams or any other flat surface. This type of mounting is also practical for mounting in restricted ceiling areas such as mezzanines and low ceiling areas. As in the AF-CS model, these high velocity fans provide an even stream of air around the work or warehouse area, effectively distributing air to 100% of the area.

FEATURES

- Direct driven for minimal maintenance.
- High performance zinc-aluminum propeller.
- Attractive deep spun 14 gauge steel housing.
- Safety guards on both the inlet and exhaust side of fan. Guards are constructed of 1/2" mesh galvanized steel screen.
- Motor mounting bracket designed to fit most standard off the shelf motors.
- Power cord furnished on single phase units.
- Fan housing coated with a thermally fused powder coated polyurethane black finish.

PERFORMANCE & DIMENSIONS



AF-YM PERFORMANCE & DIMENSIONS											
SIZE MODEL	CFM	RPM	HP	AREA COVERAGE (SQ FT)	DISTANCE AIR THROW (FT)	A	B	C	D	E	SHIP WT
AF-YM-14	2690	1725	1/4	1800	60	14-1/2	20	16	4	12-3/4	45
AF-YM-18	3950	1725	1/2	2400	80	19	24	16	4	15	68
AF-YM-22	5630	1725	1/2	3600	120	22-1/4	29	16	4	16-5/8	75
AF-YM-30	12050	1725	1	12000	200	30-1/2	37	22	4	20-3/4	125

MODEL AF-CW COLUMN OR WALL MOUNT



**MODEL AF-CW
FOR COLUMN OR WALL
MOUNTING**

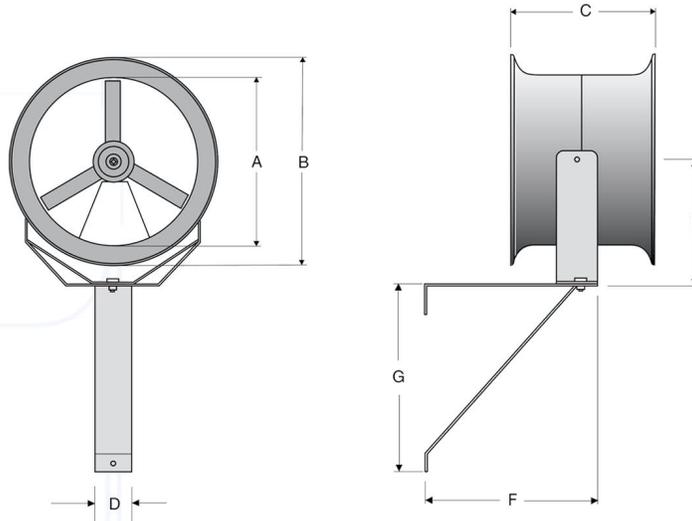
This type of mounting allows the fan to be mounted to a wall or column, featuring easy adjustment up and down and side to side similar to the yoke mounting. Oscillators can be supplied upon request.

As in the other mountings, these high velocity fans provide an even stream of air around the work or warehouse area, effectively distributing air to 100% of the area.

FEATURES

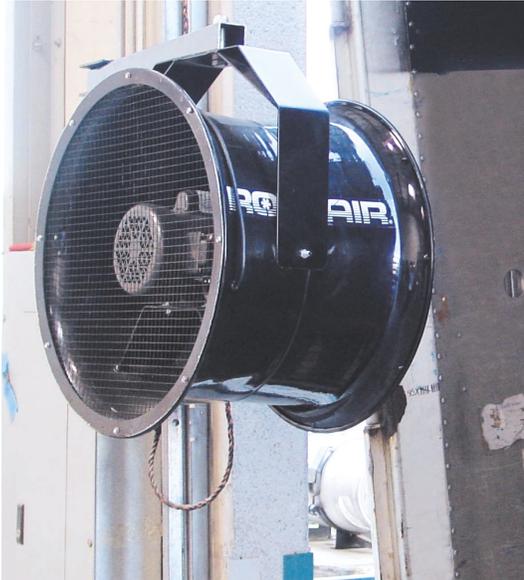
- Direct driven for minimal maintenance.
- High performance zinc-aluminum propeller.
- Attractive deep spun 14 gauge steel housing.
- Safety guards on both the inlet and exhaust side of fan. Guards are constructed of 1/2" mesh galvanized steel screen.
- Motor mounting bracket designed to fit most standard off the shelf motors.
- Power cord furnished on single phase units.
- Fan housing coated with a thermally fused powder coated black finish.

PERFORMANCE & DIMENSIONS



AF-CW PERFORMANCE & DIMENSIONS													
SIZE MODEL	CFM	RPM	HP	AREA COVERAGE (SQ FT)	DISTANCE AIR THROW (FT)	A	B	C	D	E	F	G	SHIP WT
AF-CW-14	2690	1725	1/4	1800	60	14-1/2	20	16	4	12-3/4	27	27-1/4	61
AF-CW-18	3950	1725	1/2	2400	80	19	24	16	4	15	27	27-1/4	86
AF-CW-22	5630	1725	1/2	3600	120	22-1/4	29	16	4	16-5/8	27	27-1/4	92
AF-CW-30	12050	1725	1	12000	200	30-1/2	37	22	4	20-3/4	27	27-1/4	149

MODEL AF-DF DOCK FAN



**MODEL AF-DF
HIGH VELOCITY DOCK FAN**

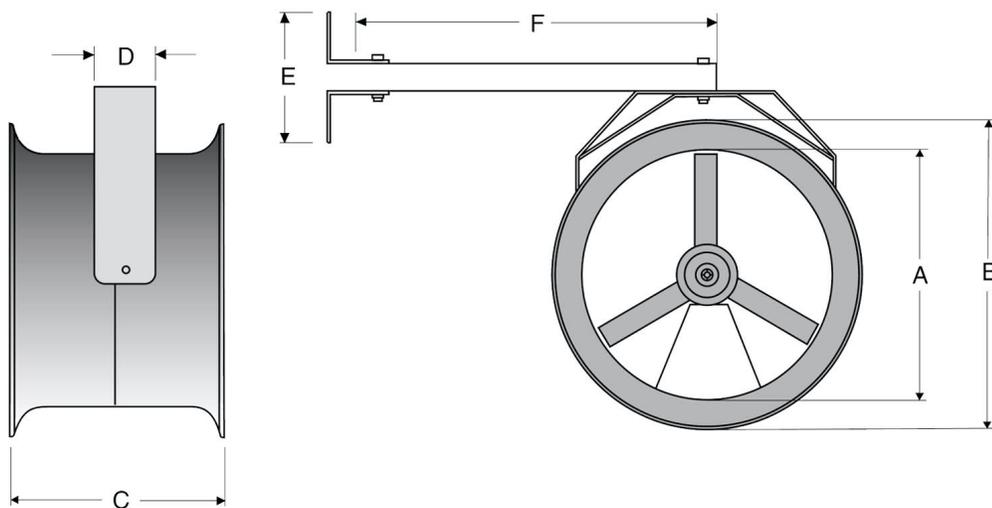
Romlair high velocity dock fans are designed for recirculating the air in semi-truck trailers, and around loading docks. With a special wall mounting, the fan delivers a wave of cooler air to the front of the trailer, forcing the warmer air out to the rear of the trailer. This provides more comfort and higher productivity for workers loading and unloading inside the trailer.

These wall mount units are designed so that they won't get in the way of material handling equipment or personnel. This model AF-DF is also available with an optional dock light to provide additional visibility in dark trailers

FEATURES

- Direct driven for minimal maintenance.
- High performance zinc-aluminum propeller.
- Attractive deep spun 14 gauge steel housing.
- Safety guards on both the inlet and exhaust side of fan. Guards are constructed of 1/2" mesh galvanized steel screen.
- Motor mounting bracket designed to fit most standard off the shelf motors.
- Power cord furnished on single phase units.
- Fan housing coated with a thermally fused powder polyurethane black finish.

PERFORMANCE & DIMENSIONS



AF-DF PERFORMANCE & DIMENSIONS												
SIZE MODEL	CFM	RPM	HP	AREA COVERAGE (SQ FT)	DISTANCE AIR THROW (FT)	A	B	C	D	E	F	SHIP WT
AF-DF-18	3950	1725	1/2	2400	80	19	24	16	4	10	26	82

MODEL AF-PM PEDESTAL FAN



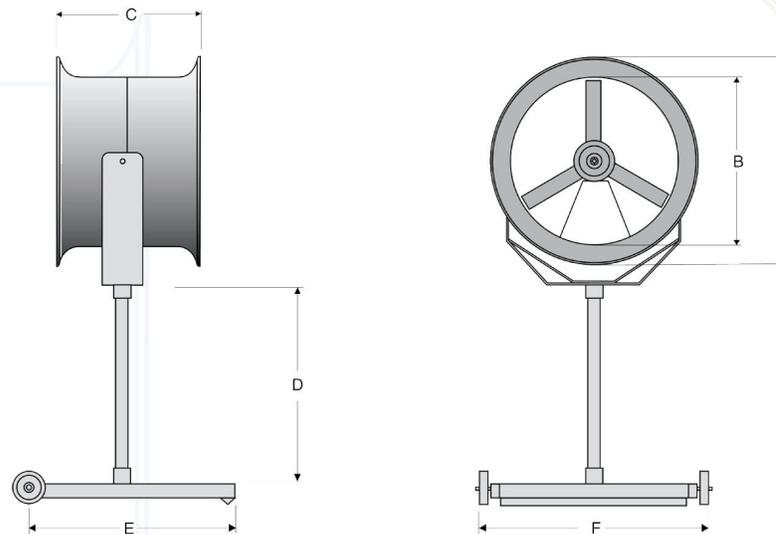
On applications where a portable type fan is required, the Model AF-PM offers a superior design featuring a special inlet/outlet cone design that delivers substantially more air than other type pedestal or box fans. The fan's heavy duty construction will give a lifetime of reliable service.

FEATURES

- Heavy duty wheeled base for easy maneuverability.
- Direct driven for minimal maintenance.
- High performance zinc-aluminum propeller.
- Attractive deep spun 14 gauge steel housing.
- Safety guards on both the inlet and exhaust side of fan. Guards are constructed of 1/2" mesh galvanized steel screen.
- Motor mounting bracket designed to fit most standard off the shelf motors.
- Power cord furnished on single phase units.
- Fan housing coated with a thermally fused powder coated polyurethane black finish.

MODEL AF-PM

PERFORMANCE & DIMENSIONS



AF-PM PERFORMANCE & DIMENSIONS

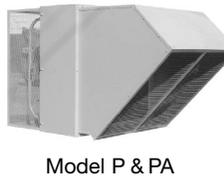
SIZE MODEL	CFM	RPM	HP	AREA COVERAGE (SQ FT)	DISTANCE AIR THROW (FT)	A	B	C	D	E	F	SHIP WT
AF-PM-14	2690	1725	1/4	1800	60	14-1/2	20	16	28-1/2	30	29	76
AF-PM-18	3950	1725	1/2	2400	80	19	24	16	28-1/2	30	29	98
AF-PM-22	5630	1725	1/2	3600	120	22-1/4	29	16	28-1/2	30	29	85
AF-PM-30	12050	1725	1	12000	200	30-1/2	37	22	28-1/2	30	29	155

Romla Ventilator offers a very comprehensive warehouse ventilation line. From the intake louvers in the wall to the power roof ventilators on the roof, Romlair can provide all the products to efficiency move the air flow in your facility.

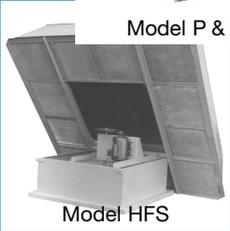
VENTILATION LINE



Model VBO & VBO-HV



Model P & PA



Model HFS

MODEL VBO-HV – Available with U.L. Listing for “Power Ventilators For Smoke Control Systems”. Heat and smoke exhauster is designed to meet the high temperature requirements of the Uniform Fire Code and IRI recommendations. Independently tested to operate without failure at 500°F for a minimum of 4 hours, and 1,000°F for a minimum of 15 minutes.

MODEL VBO – Heavy-duty vertical discharge power roof exhauster operates reliably in hostile environments. Motor, belts and bearings are outside of the airstream.

SIDEWALL FAN WITH HOUSING – Model P, PA & PS Panel fan available in sizes 24” to 72”, with high air volumes up to 100,000 cfm. Accessories include Wall Housings, Wall collar, Dampers, Motor Side Guard, Weatherhood, and special coatings.

HOODED SUPPLY AND EXHAUST FANS – Model H Series power roof ventilators available in sizes 24” thru 72”, 2,500 cfm to 60,000 cfm. The model HFS features 2” washable filters. WALL LOUVERS-GRAVITY INTAKE VENTILATORS – High performance wall louvers, and hooded gravity ventilators to provide air intake or relief.

SPECIFICATIONS

Furnish and install as indicated on the plans Romla Model ___ air circulation fans as manufactured by Romla Ventilator Company, San Diego California. Fans shall be direct drive, tubeaxial type with special built in inlet/outlet cone design. The propeller shall be fabricated high performance zinc-aluminum propeller. The housing shall be constructed of 14 gauge spun steel construction, with front and rear wire guards. Fan housing to be coated with a thermally fused powered polyurethane black finish.

2 YEAR WARRANTY

The Romla Ventilator Company warrants this equipment to be free from defects in material and workmanship under normal use and service for a period of one year from date of delivery. During the warranty period if any parts prove to be defective, they will be repaired or replaced free of charge at factory option: If upon receipt of written authorization they are delivered prepaid to the factory. This guarantee does not cover any damage caused by neglect of lubrication, accident or overload, improper installation, nor does it cover the cost of repairs made or attempted outside the factory, without authorization from Romla Ventilator Company. Electric motors are guaranteed only to the extent of the motor manufacturer’s warranty. Romla Ventilator Company is not responsible for the cost of removal of the defective product or part, or the installation of the repaired or replaced products or part. Correction of any verified defects by repair or replacement shall constitute fulfillment of this warranty.



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