



FAN CATALOG

COMMERCIAL PRODUCT WARRANTY

Airmaster® Fan Company warrants to the original user that the equipment shipped will be the kind and quality described in the specifications and will be free from defects in material and workmanship under normal use and service.

Airmaster® Fan Company will rectify defects in material or workmanship within one year from the date of shipment by the factory, provided the Company receives immediate written notice of such defects and such claims are substantiated to its satisfaction. Correction of such defects by repair or replacement at the company's option, F.O.B. the Company's factory, shall constitute the sole obligation under this warranty.

This warranty does not include accessories or any part of the unit that has been subjected to misuse, neglect, accident, or damage caused by flood, fire, or an act of God. UNDER NO CIRCUMSTANCES IS AIRMASTER® liable for labor costs incurred in installation or removal for repairs. UNDER NO CIRCUMSTANCES IS AIRMASTER® liable for incidental or consequential damages due to failure to meet the conditions of any warranty. No liability of any nature is assumed by the Company for failure to make delivery due to any act or condition beyond its reasonable control.

To initiate a warranty claim or report a product-related concern, contact rma@airmasterfan.com and include your order number along with a detailed description of the issue.



WARNING: This product can expose you to chemicals known to the State of California to cause cancer and reproductive harm. For additional information, visit www.P65Warnings.ca.gov. This warning applies to all products included in this catalog.



airflow
STARTS WITH



TOTAL CLIMATE CONTROL

See our complete line of air flow
solutions, including ventilation fans,
circulators, and heaters, at

WWW.AIRMASTERFAN.COM

THE AIRMASTER COMMITMENT:

QUALITY, DURABILITY, CRAFTSMANSHIP

When people claim, "They don't make them like they used to," we are proud to say, we absolutely still do.

At Airmaster Fan, a commitment to durability has been central to our legacy for more than a century. The fans built here are not disposable products; they are long-term investments designed to perform, built with quality materials, and made to stand up to demanding environments year after year.

In a time when so much is built fast and cheap, we have doubled down on quality. Every Airmaster fan is thoughtfully engineered, rigorously tested, and assembled in Michigan by people who take pride in doing things the right way. Because our legacy is not just about how long we've been around, it is about building products that last. Airmaster fans are still operating decades after installation, continuing to do the job they were built to do.

We believe true quality is not built to perform only today; it is built to earn trust for years to come.



AIRMASTER





09

HEAVY-DUTY SERIES

Our premium, flagship series is engineered for maximum performance, durability, and long-term reliability in the most demanding environments.



17

PROFESSIONAL SERIES

Our trusted and versatile line of fans, engineered to deliver powerful, efficient air movement at an unbeatable value.



31

ECONOMY SERIES

Reliable air circulation in everyday commercial and light industrial environments.



36

SPECIALTY USE FANS

Our specialty fans are built to solve the unique challenges of your facility, so your team can focus on what matters most: working safely and efficiently.

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THE SCIENCE BEHIND THE SPIN

There is a good reason the Airmaster brand has been trusted for more than 100 years, and it's not by chance, it's by design. At the heart of our reliability is a patented propeller design that is built to outperform and outlast the rest.

Here's the science behind why our die-cast aluminum propeller is built as an investment that keeps paying off.

HEAVY-DUTY, DIE-CAST ALUMINUM

Airmaster's signature die-cast propeller fans represent the top tier of industrial air movement engineered with precision, unmatched in durability, and proven over decades of reliable use. While many fans are made from stamped metal or molded plastic, our Premium Heavy-Duty Flagship line has remained true to die-cast aluminum for one simple reason: ROI. Smoother operation, higher efficiency, and longer life in demanding applications- that's sustained value.

BUILT FOR POWER

Air movement isn't just about size, but efficiency and balance. Each blade is cast to ensure uniform thickness and perfect alignment, resulting in increased cooling power with reduced energy waste. While stamped blades have a place in standard applications, our die-cast propellers are engineered to deliver higher CFMs with less resistance, especially in demanding industrial-grade conditions.

QUIET STRENGTH

Excessive noise makes concentration difficult, creating potential safety risks. Reducing background noise ensures your staff can hear and focus on the important tasks at hand, because powerful airflow shouldn't compete with mental clarity. Airmaster's die-cast propellers remain rigid, balanced, and stable, delivering smooth, quiet operation that supports both safety and productivity.

MADE TO LAST

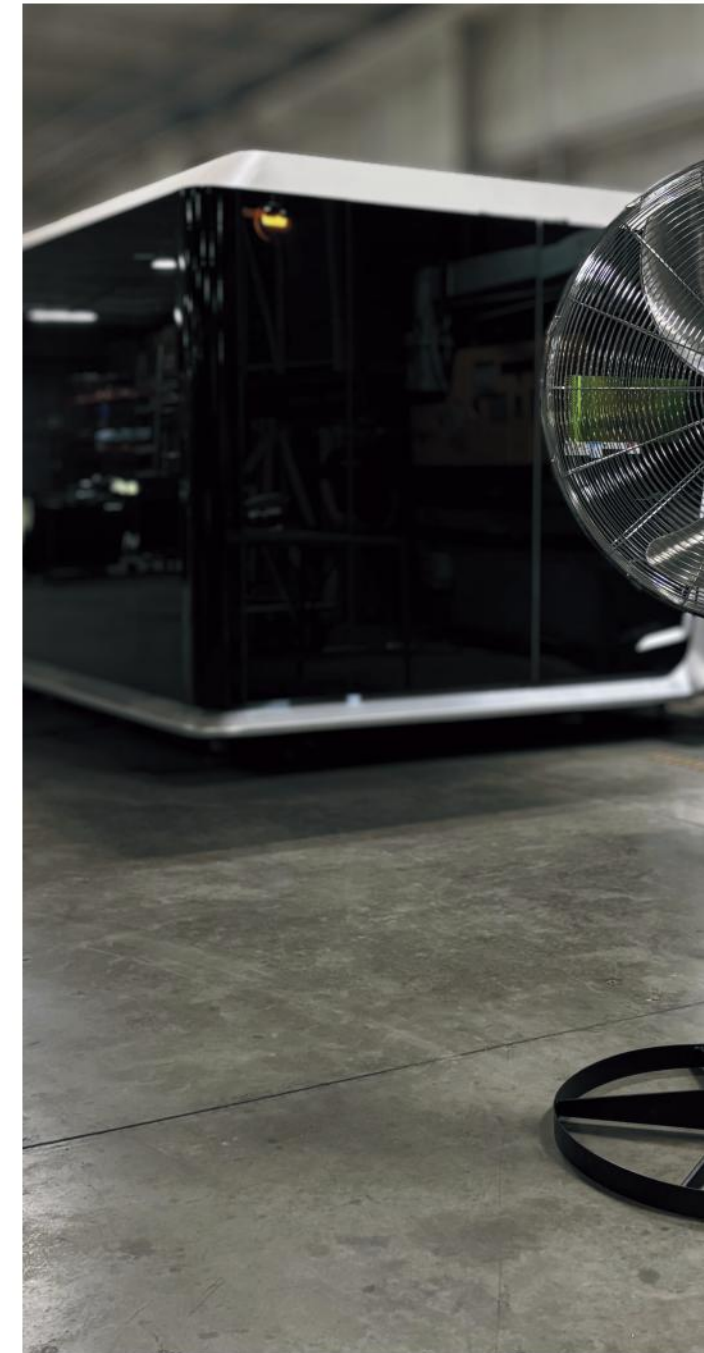
Durability has always been part of Airmaster's DNA. Die-cast aluminum offers superior longevity, resisting corrosion, bending, and fatigue. It's why our Premium Heavy-Duty Flagship fans run reliably for *decades*. These propellers don't just move air; they stand the test of time.

THE FLAGSHIP CHOICE

Stamped blades get the job done. Die-cast blades define how the job should be done. That's why our die-cast aluminum propeller remains the foundation of our flagship line. The difference is in the engineering and ROI, when uptime, longevity, and real-world performance matter, Airmaster's Premium, Heavy-Duty, die-cast propeller line stands apart as the flagship choice.

LIFETIME WARRANTY

Invest with confidence. Our Heavy-Duty line is built for long-term reliability with coverage against defects in materials and workmanship for the original owner.





TERMINOLOGY

Air Change: Expressed in "Minutes per Change," it's the time required to complete an air change within a given space

CFM: The Cubic Feet per Minute of air moved by a fan

Circulation: Moving air within an area

CPH: Changes of Air Per Hour

FPM: Feet Per Minute. The distance air travels in one minute

HP/Horsepower: The mechanical measurement of a motor's power

MPC: Minutes per Air Change

RPM: Revolutions Per Minute

SP/Static Pressure: The resistance to flow in any air moving system. Fans are rated CFM at various static pressure

TEAO: Totally Enclosed Air Over

TENV: Totally Enclosed Non Vented

Velocity: The speed of air, expressed in FPM (feet per minute)

XP: Explosion Proof

FAN TYPES

Direct Drive: A fan configuration where the impeller is mounted directly to the motor shaft, providing compact design, high mechanical efficiency, and minimal maintenance.

Belt Drive: A fan system that uses belts and pulleys to transfer power from the motor to the impeller, allowing adjustable speeds and flexible airflow performance. Less noise at lower CFM & RPM.

Exhaust Fans: Designed to remove contaminated, heated, or moisture-laden air from a space to create negative pressure and improve air quality.

Intake Fans: Engineered to introduce fresh outside air into a building, creating positive pressure and supporting balanced ventilation.

Wall-Mount: Designed for installation through a vertical wall to provide direct ventilation between interior and exterior spaces.

Roof-Mount: A fan installed on the roof to discharge or supply air vertically while protecting the building envelope from weather intrusion.

AMF POWDER COATING

Our powder coat finish is engineered as a performance grade protective system. We utilize a premium, high-durability powder coat formulation specifically selected for its superior resistance to abrasion, corrosion, humidity exposure, and chemical attack. The result is a dense, uniform finish that forms a tougher protective barrier than conventional liquid coatings.

Unlike wet paint systems, which rely on solvent evaporation and can produce thinner, less consistent film builds, our powder coat process creates a thermally bonded finish that delivers exceptional adhesion and long-term surface integrity. This translates to improved scratch resistance during handling and installation, enhanced protection in corrosive or high-moisture environments, and greater overall lifecycle durability.

The difference is more than aesthetic. It's a finish designed to withstand demanding industrial conditions while maintaining color retention and surface quality over time, protecting both the equipment and your investment.



AMERICAN MANUFACTURING

At Airmaster, American manufacturing is more than a principle; it is an operational advantage. Although a limited number of strategic components are sourced globally, our products are engineered, assembled, tested, and produced in our 120,000-square-foot facility in Clarklake, Michigan, using domestic materials wherever possible.

By centralizing production and engineering validation, we maintain tighter quality control and greater supply security. This localized manufacturing model allows us to respond quickly, control costs, and protect product integrity. Most importantly, it gives us one of the fastest lead times in the industry. With typical lead times less than half the average, Airmaster products arrive ready when others are still waiting.

Proudly manufacturing in Michigan, we invite you to visit our Clarklake facility to meet our skilled people, see our disciplined processes, and experience the reliable outcomes that define the *Airmaster difference*.





SIGNATURE, HEAVY-DUTY SERIES

ULTRA QUIET	10
HAZARDOUS LOCATION	12
HIGH AMBIENT	14
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BUILT FOR YEARS, NOT SEASONS

At the heart of every Heavy-Duty fan is Airmaster's patented, die-cast aluminum airfoil propeller, our signature design that delivers exceptional airflow at the lowest watts per CFM. This innovation gives you the power you need with better energy efficiency.

Built with premium components, heavy-gauge materials, and high-efficiency motors, the Signature Heavy-Duty Series is designed to withstand continuous operation and harsh conditions where ordinary fans do not compete. Backed by Airmaster's Lifetime Warranty, this line represents the very best in commercial and industrial air circulation.

ULTRA QUIET FAN

LIMITED LIFETIME WARRANTY

Our signature, heavy-duty, ultra-quiet circulator moves tremendous air while keeping sound levels low. Whether you're cooling a production floor, fitness center, or workspace where noise is a concern, this fan keeps air moving and distractions at bay.

- Built for heavy-duty environments where lesser fans burn out.
- Stay productive with powerful cooling that won't compete with conversations or instructions.
- Continuous circulation keeps people comfortable and equipment cooler.

Equipped with a 1/3 HP*, 1-phase, 3-speed, totally enclosed, ball-bearing motor for dependable performance in any environment. The die-cast aluminum airfoil propeller delivers maximum airflow while maintaining the lowest watts per CFM, making it exceptionally energy efficient. For your safety, the OSHA-compliant guards protect both users and equipment, and the included supply cord and plug make setup a breeze.

BUILT FOR YEARS, NOT SEASONS



OSHA-Compliant
Guards



Energy-Efficient,
Lowest Watts per CFM



Patented Modular
Motor End Dome for
Easy Maintenance



Patented, Die-Cast,
Airfoil Propeller



Long-term Value,
Dependable Operation



Backed by Limited
Lifetime Warranty



PEDESTAL



WALL MOUNT



I-BEAM MOUNT



VERTICAL MOUNT**

Motor, Specified Mounting, Propeller, and Guard shipped in a single carton

OSCILLATING

EDP No.	Catalog No.	Prop Dia.	Fan Style	HP	CFM			RPM			Motor No.	F.L. Amps	Ship Wt.
					High	Med	Low	High	Med	Low			
20903	UP18WN-S8	18"	Wall Mount	1/5	2600	2113	1805	1125	915	780	967J	1.41	53
20885	UP24BN-S	24"	Pedestal	1/3	5387	4356	3125	1070	850	628	967-3 SP	2.5	87
37129	UP24WN-S8	24"	Wall Mount	1/3	5387	4356	3125	1070	850	628	967-3 SP	2.5	55
37147	UP24IN-S	24"	I-Beam Mount	1/3	5387	4356	3125	1070	850	628	967-3 SP	2.5	59
20890	UP30BN-S	30"	Pedestal	1/3	7996	5859	4063	1045	789	561	967-3 SP	2.9	94
37135	UP30WN-S8	30"	Wall Mount	1/3	7996	5859	4063	1045	789	561	967-3 SP	2.9	61
37148	UP30IN-S	30"	I-Beam Mount	1/3	7996	5859	4063	1045	789	561	967-3 SP	2.9	64

NON-OSCILLATING

EDP No.	Catalog No.	Prop Dia.	Fan Style	HP	CFM			RPM			Motor No.	F.L. Amps	Ship Wt.
					High	Med	Low	High	Med	Low			
20895	UP24LF16-S	24"	Pedestal	1/3	5588	4556	3325	1110	900	700	642-AC 3SP	2.5	84
37144	UP24LW16-S8	24"	Wall Mount	1/3	5588	4556	3325	1110	900	700	642-AC 3SP	2.5	51
20900	UP30LF16-S	30"	Pedestal	1/3	8402	6259	4463	1098	880	660	642-AC 3SP	2.7	90
37145	UP30LW16-S8	30"	Wall Mount	1/3	8402	6259	4463	1098	880	660	642-AC 3SP	2.7	60
37140	UP30LI16-S	30"	I-Beam Mount	1/3	8402	6259	4463	1098	880	660	642-AC 3SP	2.7	61
37138	UP30LS16-S	30"	Vertical Mount	1/3	8402	6259	4463	1098	880	660	642-AC 3SP	2.7	51

MOTOR TILT ADJUSTMENTS

Type	Tilt Up or Down (In Degrees)			
	Oscillating		Non-Oscillating	
	Up	Down	Up	Down
Pedestal	20°	10°	20°	10°
Wall	20°	10°	20°	15°
I-Beam	20°	20°	20°	20°
Vertical*	N/A	N/A	10°	20°

0° = Horizontal Plane

*18" is 1/5 HP

**Vertical Mount available in non-oscillating only

Notes:

Performance ratings are conducted in accordance with AMCA Standard 230-99.

Vertical Mount: A safety cable kit is included in all overhead-mounted air circulators to prevent the fan from falling if accidentally struck or if mounting fails. Single safety cable kits consist of 12 feet of 1/16" diameter cable, 2 cable clamps, and instructions.

Oscillating motor not to be used upside down. A safety cable is included in all overhead-mounted air circulators to help prevent the fan from falling. Single safety cable kits consist of 12 feet of 1/16" diameter cable, 2 cable clamps, and instructions.



OSHA-Compliant
Guards



Patented, Die-Cast,
Airfoil Propeller



Backed by Limited
Lifetime Warranty

HAZARDOUS LOCATION FANS & MOTORS

BUILT FOR EXPLOSIVE ATMOSPHERES

Hazardous location fans are designed for environments where flammable gases, vapors, dusts, or fibers may be present. In these applications, standard ventilation equipment can become an ignition source, making properly rated fans and motors critical for safety, code compliance, and operational reliability.

Common Applications:

- Chemical plants and refineries
- Paint booths and finishing operations
- Welding and battery charging areas
- Grain elevators, feed mills, and flour mills
- Mining operations
- Fuel storage and processing facilities
- Dust-producing manufacturing environments

WHY HAZARDOUS LOCATION RATINGS MATTER

Explosion-proof motors are engineered to contain internal sparks or explosions and prevent ignition of the surrounding atmosphere. Properly selected hazardous location fans help reduce the risk of fire and explosion, support compliance with National Electrical Code (NEC) requirements, protect personnel and equipment, and maintain safe, reliable airflow in volatile environments.

HAZARDOUS ENVIRONMENT CLASSIFICATIONS

Hazardous locations are classified by the type of explosive material present:

- Class I — Flammable gases or vapors
- Class II — Combustible dusts
- Class III — Ignitable fibers or flyings

Additional division and group ratings further define the severity and type of hazard present. Equipment selection should always match the site's specific classification requirements.

IMPORTANT INSTALLATION NOTICE

Hazardous location fans must be installed in accordance with national and local electrical and mechanical codes. Proper accessories and electrical components are required to maintain safe operation.

HAZARDOUS LOCATION FANS & MOTORS

LIMITED LIFETIME WARRANTY

Available with 115/230V single-phase or 230/460V three-phase, 1/4 HP explosion-proof motors, these hazardous location fans feature single-speed, ball-bearing motors and ultra-quiet die-cast aluminum airfoil propellers for energy-efficient airflow.

Rated for Class I, Group D and Class II, Groups E, F, and G environments.

Motor, Specified Mounting, Propeller & Guard shipped in a single carton.



PEDESTAL



VERTICAL MOUNT



WALL MOUNT



I-BEAM MOUNT

115/230V, 1/4 HP, 1-PHASE MODELS

EDP No.	Catalog No.	Prop Dia.	Fan Style	CFM	RPM	Motor No.	F.L. Amps	Ship Wt.
20301	UP24LF16X	24"	Pedestal Fan	5739	1140	1169	6.9 / 3.5	93
20321	UP24LW16X8	24"	Wall Mount	5739	1140	1169	6.9 / 3.5	61
20341	UP24LI16X	24"	I-Beam Mount	5739	1140	1169	6.9 / 3.5	65
20331	UP24LS16X	24"	Vertical Mount	5739	1140	1169	6.9 / 3.5	56
20351	UP30LF16X	30"	Pedestal Fan	8723	1140	1169	6.9 / 3.5	98
20371	UP30LW16X8	30"	Wall Mount	8723	1140	1169	6.9 / 3.5	67
20391	UP30LI16X	30"	I-Beam Mount	8723	1140	1169	6.9 / 3.5	70
20381	UP30LS16X	30"	Vertical Mount	8723	1140	1169	6.9 / 3.5	61

230/460V, 1/4 HP, 3-PHASE MODELS

EDP No.	Catalog No.	Prop Dia.	Fan Style	CFM	RPM	Motor No.	F.L. Amps	Ship Wt.
20450	24LF36X	24"	Pedestal Fan	5739	1140	1269	1.1 / 0.55	100
20470	24LW36X8	24"	Wall Mount Fan	5739	1140	1269	1.1 / 0.55	79
20490	24LI36X	24"	I-Beam Mount Fan	5739	1140	1269	1.1 / 0.55	79
20480	24LS36X	24"	Vertical Mount Fan	5739	1140	1269	1.1 / 0.55	69
20500	30LF36X	30"	Pedestal Fan	8723	1140	1269	1.1 / 0.55	107
20520	30LW36X8	30"	Wall Mount Fan	8723	1140	1269	1.1 / 0.55	86
20540	30LI36X	30"	I-Beam Mount Fan	8723	1140	1269	1.1 / 0.55	86
20530	30LS36X	30"	Vertical Mount Fan	8723	1140	1269	1.1 / 0.55	76

NOTES: X = Explosion Proof. CORD AND PLUG NOT PROVIDED. Must be hard-wired. Wiring must conform to all national, state, and local codes. Performance Ratings are conducted in accordance with AMCA Standard 230-99. A safety cable kit is included in all overhead-mounted fans to prevent the fan from falling if accidentally struck or mounting fails. Single safety cable kits consist of 12 feet of 1/16" diameter cable, 2 cable clamps, and instructions

30" HIGH AMBIENT FAN

RATED FOR TEMPERATURES UP TO 150°F

Airmaster's 30-inch High Ambient Fan is engineered to thrive where ordinary fans fail. Built with a heavy-duty, totally enclosed ball bearing motor rated for continuous operation in ambient temperatures up to 150°F.

Featuring OSHA-compliant guards, it is a trusted solution for high-demand environments such as steel mills, glass manufacturing, foundries, food processing facilities, and other heat-intensive operations.

- 1 Phase, Totally Enclosed, Ball Bearing Motor
- Energy Efficient - Lowest Watts Per CFM, Ultra Quiet, Die-Cast Aluminum Airfoil Propeller
- 2 Speed Motor
- Non-Oscillating
- Includes Supply Cord and Plug



OSHA-Compliant
Guards



Patented, Die-Cast,
Airfoil Propeller



Backed by Limited
Lifetime Warranty



PEDESTAL



I-BEAM MOUNT

VERTICAL MOUNT

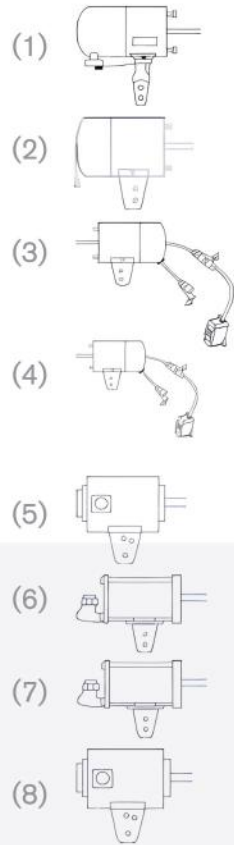
EDP No.	Catalog No.	Prop Dia.	Fan Style	HP	Ship Wt.
20720	UP30LF16S-HA	30"	Pedestal Fan	1/3	98
20721	UP30LW6-S8-HA	30"	Wall Mount	1/3	67
20722	UP30LI16-S-HA	30"	I-Beam Mount	1/3	70
20723	UP30LS16-S-HA	30"	Vertical Mount	1/3	61

MOTOR

EDP No.	Catalog No.	Description	HP	Ship Wt.
78079	MTR-642-HA	High Ambient Motor	1/3	26

COMPONENT PARTS & ACCESSORIES FOR HEAVY-DUTY FANS

MOTORS



EDP No.	Catalog No.	F.L. Amps	Ship Wt.	Description
21021	967J	1.65	24	Single-phase, 3-Speed, 115V, 1/5 HP, ball-bearing, oscillating, 5/8" shaft (use only on standard 18" and 20" oscillating fans), Use BA-1A Propeller NOTE: Oscillating Motor NOT to be used UPSIDE-DOWN position (1)
21007	967-3 SP	2.7	23	Single-phase, 3-Speed, 115V, 1/3 HP, ball-bearing, oscillating, 5/8" shaft (use only on standard 24" and 30" oscillating fans), Use BA-1A Propeller NOTE: Oscillating Motor NOT to be used UPSIDE-DOWN position (1)
03915	End Dome			Assembly 967J and 967-3SP (with capacitor)
21022	642J	1.65	19	Single-phase, 3-Speed, 115V, 1/5 HP, ball-bearing, non-oscillating, 5/8" shaft (use only on standard 18" and 20" non-oscillating fans), Use BA-1A Propeller (2)
21017	642-AC 3 SP	2.8	19	Single-phase, 3-Speed, 115V, 1/3 HP, ball-bearing, non-oscillating, 5/8" shaft (use only on standard 24" and 30" non-oscillating fans), Use BA-1A Propeller (2)
21025	1069 B	1.2 / 0.6	16	Three-phase, 1 Speed, 208 / 230 / 260V, 1/4 HP, ball-bearing, non-oscillating fans only. Use with BA-1A propeller (5)
21035	1169 E	6.9 / 3.5	48	Single-phase, single-speed, 115/230V, 1/4 HP, ball-bearing for Class I Group D and Class II, Groups E, F & G. (Use only on explosion-proof, non-oscillating fans with BA-1A Propeller (6))
21040	1269	1.1 / 0.55	33	Three-speed, single-speed, 230/460V, 1/4 HP, ball-bearing (use only on non-oscillating, explosion-proof fans) Use with BA-1A propeller (7)
21050	1369	4.5 / 2.0	36	1 HP, three-phase, single-speed 230/460V, ball-bearing, totally enclosed (use only on high velocity spot coolers). Use HH-1 Propeller (8)

NOTES: Explosion-proof and 3-Phase air circulator motors are not supplied with switches or power cords. Must be hard-wired. See page 12 for further Explosion-Proof Motor information.

PROPELLERS



EDP No.	Catalog No.	Ship Wt.	Description
21101	18BA-1	4	18" Propeller - 5/8" bore. Cast Aluminum
21102	20BA-1	5	20" Propeller - 5/8" bore. Cast Aluminum
21095	24BA-1A	5	24" Propeller - 5/8" bore. Cast Aluminum
21105	30BA-1A	6	30" Propeller - 5/8" bore. Cast Aluminum

GUARDS



EDP No.	Catalog No.	Ship Wt.	Description
71000	C-1820G	11	18" / 20" guard. Nickel chrome plated. (use on all 18" and 20" oscillating & non-oscillating fans)
21070	AC24-G	14	24" guard. Nickel chrome plated (use on all 24" oscillating & non-oscillating fans)
21080	AC30-G	20	30" guard (use on all 30" oscillating & non-oscillating fans)

ADJUSTABLE PEDESTAL



EDP No.	Catalog No.	Ship Wt.	Description
21152	8CP2B	13	4' to 6.5' pedestal (fits all Heavy-Duty Fans)

BASE



EDP No.	Catalog No.	Ship Wt.	Description
21153	I-2030B	24	Open base. (1)

BRACKETS



I-BEAM



WALL



VERTICAL

EDP No.	Catalog No.	Bracket Type	Ship Wt.	Description
21191	700-U	I-Beam Mount	14	Use for HD air circulator I-Beam mountings, Includes Safety Cable Kit
21203	CK-2	Vertical Mount	5	Use for HD air circulator vertical mount (non-oscillating only) Includes Safety Cable Kit. Extension Cord and Extension Pole Not Included.
37772	IAC-WB	Wall Mount	7	Use with industrial oscillating and non-oscillating motors. Includes Safety Kit Cable.

ACCESSORIES

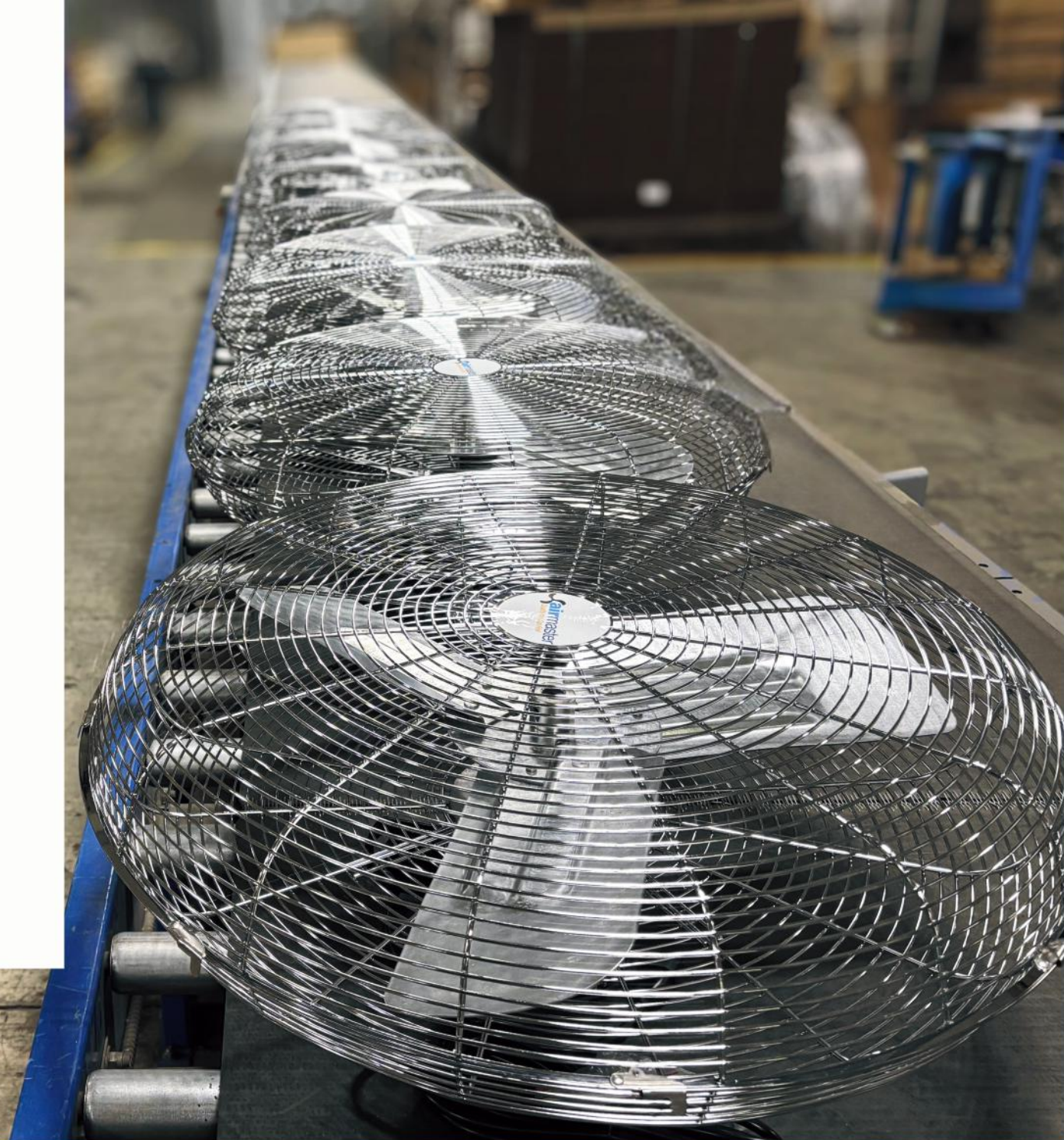
EDP No.	Catalog No.	Ship Wt.	Description
21204	Safety Kit	1	12" of 1/16" diameter cable, two clamp and instructions. This safety cable kit is available for retrofit applications.
12002	DJ-EC-6	1	6' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow
12009	DJ-EC-12	2	12' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow
70601	AMFW30K	7	Snap on wheel kit with set screw lock for use on all floor model air circulators except I-2030 base. No tools required
01633	Cord	2	15' Supply Cord Replacement
01723	Switch	2	2-Speed / 3-Speed Pull-Chain Switch

PROFESSIONAL SERIES

1/3 HP CIRCULATOR 18

1/4 HP CIRCULATOR 20

COMPONENT PARTS &
ACCESSORIES 21



1/3 HP CIRCULATOR

3 YEAR WARRANTY

Delivers commercial-grade performance with a refined TEAO ball-bearing motor and three-speed operation for powerful, consistent airflow. Built with a galvanized steel propeller and OSHA-compliant guard, this fan is engineered for safety, reliability, and long-term use.

Unit packs ship complete with motor, mount, propeller, and guard in a single carton, making setup simple and efficient. Pedestal models adjust from 43"–63" with a wide 26" base for stability, while wall-mount versions include a safety cable kit for extra protection. With a 15' supply cord and plug, plus UPS-shippable packaging, this air circulator is easy to install and position.



OSHA-Compliant
Guards



Galvanized Steel
Propeller



Adjustable Pedestal
Height



WALL MOUNT

OSCILLATING UNIT PACKS

EDP No.	Catalog No.	Prop Dia.	Fan Style	HP	CFM			RPM			F.L. Amps	Ship Wt.
					High	Med	Low	High	Med	Low		
71567	I-24-OAP	24"	Adjustable Floor	1/3	5548	4699	4062	1100	958	856	3.2	86
71565	I-24-OIW	24"	Wall Mount	1/3								57
71568	I-30-OAP	30"	Adjustable Floor	1/3	7794	5943	5143	1091	871	759	3.2	95
71566	I-30-OIW	30"	Wall Mount	1/3								61

OSCILLATING ASSEMBLED FAN HEADS

EDP No.	Catalog No.	Prop Dia.	HP	Ship Wt.
71610	24-IAC-MGBO	24"	1/3	46
38422	30-IAC-MGBO	30"	1/3	56

Note: Oscillating Fan Heads are not to be used in the Upside Down Position

MOTOR TILT ADJUSTMENTS

Type	Tilt (In Degrees) Non-Oscillating	
	Up	Down
Floor	30°	20°
Wall	0°	20°

NON-OSCILLATING UNIT PACKS

EDP No.	Catalog No.	Prop Dia.	Fan Style	HP	CFM			RPM			F.L. Amps	Ship Wt.
					High	Med	Low	High	Med	Low		
71760	UPI-24PA2A	24"	Adjustable Floor	1/3	5520	4020	2820	1080	700	540	3.0	81
71725	I-24W2A	24"	Wall Mount	1/3								44
71526	UPI-30PA2A	30"	Adjustable Floor	1/3	7185	5300	3415	1080	700	540	3.0	90
71726	I-30W2A	30"	Wall Mount	1/3								49

NON-OSCILLATING ASSEMBLED FAN HEADS

EDP No.	Catalog No.	Prop Dia.	HP	Ship Wt.
37209	I-24	24"	1/3	37
37212	I-30	30"	1/3	48

Note: 30" Head assembly is UPS OverSize 2

MOTOR TILT ADJUSTMENTS

Type	Tilt (In Degrees) Non-Oscillating	
	Up	Down
Floor	30°	15°
Wall	30°	50°

0°= Horizontal Plane



ADJUSTABLE PEDESTAL

¼ HP CIRCULATOR

2 YEAR WARRANTY

With galvanized steel propellers and a 15' supply cord, the ¼ HP Professional Series fan combines commercial-grade durability with convenience. Ideal for warehouses, gyms, manufacturing floors, and large workspaces, these air circulators provide dependable cooling where it matters most.

Featuring a durable 115V, 1/4 HP, 3-speed TEAO ball-bearing motor, these fans deliver high-velocity performance with long-lasting efficiency. Each unit comes complete with motor, mount, propeller, and guard packaged in one carton for easy setup, and pedestal models adjust from 43" to 63" with a sturdy 26" base for stability. Wall-mount models include a safety cable kit for added protection, ensuring compliance with OSHA standards.



OSHA-Compliant
Guards



Galvanized Steel
Propeller



Adjustable Pedestal
Height



WALL MOUNT

NON-OSCILLATING UNIT PACKS

EDP No.	Catalog No.	Prop Dia.	Fan Style	HP	CFM			RPM			F.L. Amps	Ship Wt.
					High	Med	Low	High	Med	Low		
71584	CA24APE	24"	Adjustable Floor	1/4	4400	3460	2460	1100	800	600	3.5	82
71572	CA24WC	24"	Wall Mount	1/4								42
71586	CA30APE	30"	Adjustable Floor	1/4	6100	4400	2700	1100	800	600	3.5	87
71573	CA30WC	30"	Wall Mount	1/4								49

NON-OSCILLATING ASSEMBLED FAN HEADS

EDP No.	Catalog No.	Prop Dia.	HP	Ship Wt.
71590	CA24	24"	1/4	39
71591	CA30	30"	1/4	48

Note: 30" Head assembly is UPS OverSize 2

MOTOR TILT ADJUSTMENTS

Type	Tilt (In Degrees) Non-Oscillating	
	Up	Down
Floor	30°	15°
Wall	30°	50°

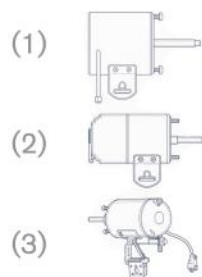
0°= Horizontal Plane



PEDESTAL

COMPONENT PARTS & ACCESSORIES FOR PROFESSIONAL SERIES FANS

MOTORS



EDP No.	Catalog No.	Ship Wt.	Description
70013	I-1820TEM	10	115V, 1/15 HP, TEAO ball-bearing, 1/2" Shaft dia, 2-speed switch, 10' cord and plug
37430	O-3B	23	Commercial oscillating motor, 1/3 HP, 1-Phase, 3-Speed, 115V, 2.8 Amps, TEAO ball-bearing, 5/8" diameter shaft. NOTE: Oscillating motor not to be used in UPSIDE-DOWN position.
78018	C-1A	19	Commercial Non-Oscillating motor, 1/4 HP, 3.5 Amp, 1-Phase, 3-Speed, TEAO ball-bearing, 5/8" diameter shaft, 15' power cord.
78019	I-3A	22	115V, 1/3HP, Single-Phase, TEAO ball bearing, PSC type, 5/8" shaft diameter, 3-speed switch, 15' cord & plug

CAPACITORS

EDP No.	Catalog No.	Ship Wt.	Description
01683	Capacitor	1	Capacitor - 8 MFD (for 78018 motors)
01430	Capacitor	1	Capacitor - 20 MFD (for 37430 motors)

PEDESTALS

EDP No.	Catalog No.	Ship Wt.	Description
73103	C-2030NP	7	5' high floor model. Top section provides 33 1/2" counter model. Use only with I-2030B Base. (1)
73102	I-2030AP	12	4' to 6' adjustable floor model. (2)

BASE

EDP No.	Catalog No.	Ship Wt.	Description
21153	I-2030B	24	Open base. (1)

WALL MOUNT BRACKET

EDP No.	Catalog No.	Ship Wt.	Description
37772	IAC-WB	7	Recommended for use with oscillating and non-oscillating motors. Includes Safety Cable Kit.

VERTICAL MOUNT BRACKET

EDP No.	Catalog No.	Ship Wt.	Description
11456	DJ-CM	7	Vertical mount for use with industrial 24", and 30" non-oscillating fans. Safety Cable Kit Included. NOT FOR USE WITH OSCILLATING MOTORS

I-BEAM MOUNT BRACKET

EDP No.	Catalog No.	Ship Wt.	Description
37784	IAC-BM-1	13	For use with I-Beam mounting. Includes Safety Cable Kit. NOT FOR USE WITH OSCILLATING MOTORS

SAFETY CABLE

EDP No.	Catalog No.	Ship Wt.	Description
21204	Safety Kit	3	12' of 1/16" diameter cable, two (2) cable clamps and instructions.

PROPELLERS

EDP No.	Catalog No.	Ship Wt.	Description
72458	C-24B2	5	24" Propeller with 5/8" bore, includes bushing to adapt propeller to fit motors with 1/2" shaft
73058	C-30B	7	30" Propeller with 5/8" bore, includes bushing to adapt propeller to fit motors with 1/2" shaft

ACCESSORIES

EDP No.	Catalog No.	Ship Wt.	Description
70601	AMFW30K	5	Snap-on wheel kit with set screw lock for 18" to 30" pedestal fans
01723	Switch	2	2 Speed / 3 Speed Pull Chain Switch

GUARDS

EDP No.	Catalog No.	Ship Wt.	Description
21070	AC24-G	14	24" guard.
21080	AC30-G	20	30" guard.

A large, circular industrial fan with a silver metal grille and three white blades is mounted on a vertical metal pole. The fan has a logo in the center that reads "air master". The background is a workshop or factory floor with various equipment, including a red motor unit on a pole to the left, a blue metal frame, and a yellow safety fence to the right. A wooden workbench with tools is in the foreground. A sign on the yellow fence reads "CLAMPS/ MOTOR HOOKS".

WORK STATION FANS

WORK STATION FAN

1 YEAR WARRANTY

These fans deliver powerful, focused airflow right where you need it. Available in 12", 18", and 20" sizes, these lightweight, durable fans feature aluminum propellers, a quiet open drip-proof ball-bearing motor, and easy-to-use 3-speed controls.

Choose between versatile pivot or yoke mount styles, both designed for maximum adjustability and compliance with OSHA safety standards. With a 360° adjustable yoke mount, pull-chain or four-position switch, and 10' cord for flexible setup, these fans are the reliable, space-saving solution for keeping your workstation cool and productive.



OSHA-Compliant
Guards



Aluminum
Propeller



Yoke Mount Adjusts
360°



LOW STAND



YOKE MOUNT

EDP No.	Catalog No.	Prop Dia.	Fan Style	HP	CFM			RPM			F.L. Amps	Ship Wt.
					High	Med	Low	High	Med	Low		
78973	I-12LS	12"	Low Stand Pivot Fan	1/16	1448	1165	953	1500	1350	1180	0.5	10
78971	I-12YM	12"	Work Station Yoke Mount	1/16								11
78974	I-18LS	18"	Low Stand Pivot Fan	1/8	2966	2437	2013	1600	1350	1180	1.9	15
78972	I-18YM	18"	Work Station Yoke Mount	1/8								17
78975	I-20LS	20"	Low Stand Pivot Fan	1/5	3390	2755	2295	1600	1350	1180	1.9	17
78970	I-20YM	20"	Work Station Yoke Mount	1/5								19

TOTALLY ENCLOSED MOTOR, HIGH-VELOCITY, LOW STAND FAN

1 YEAR WARRANTY

Specifically built for harsh environments with dust and debris. Available in 12" and 18" sizes, these fans feature durable aluminum propellers, a powerful, totally enclosed ball-bearing motor, and a 3-speed pull-chain control for reliable airflow. The included chrome yoke mount allows full 360° adjustability, while the 10' cord and plug offer flexible placement.

These OSHA-compliant fans are ideal for factories, workshops, auto shops, and other industrial spaces that demand safe, focused, high-velocity air movement.



EDP No.	Catalog No.	Prop Dia.	HP	CFM			RPM			F.L. Amps	Ship Wt.
				High	Med	Low	High	Med	Low		
78985	I-12TELS	12"	1/16	1855	1550	1300	1450	1250	1050	0.35	10
78984	I-18TELS	18"	1/8	4550	3824	3346	1600	1350	1180	1.65	20



OSHA-Compliant
Guards



Aluminum
Propeller



Adjusts 360°



Chrome Yoke Mount
Included

BARREL FANS



4-IN-1® DIRECT DRIVE BARREL FAN

2 YEAR WARRANTY

The Airmaster 4-in-1® Barrel Fan is the ultimate multi-purpose barrel fan, delivering industrial-strength airflow with the flexibility of four mounting options in one.

Powered by a 115V totally enclosed, air-over-lubricated motor, this direct drive fan is built for heavy-duty use while maintaining long-term reliability. Durability comes standard with epoxy-coated guards, barrel, and mountings, while a pull chain switch ensures easy operation. Lightweight assembly and all-in-one packaging make setup simple, saving time and effort on the job site. The fan is also fully tiltable, giving precise directional airflow where it's needed most.



A customer favorite for unmatched versatility, and all-in-one value



VERTICAL MOUNT



WALL MOUNT



HANGING MOUNT



PORTABLE BARREL

EDP No.	Prop Dia.	HP	Volts	Speeds	CFM			RPM			F.L. Amps			Ship Wt.
					High	Med	Low	High	Med	Low	High	Med	Low	
60481	24"	1/7	115	2	7100	--	5820	1050	--	940	1.95	--	1.72	42
60470	30"	1/4	115	3	5670	4590	3410	1110	810	600	2.9	2.1	1.93	97
60471	36"	1/2	115	3	11200	---	8090	830	---	600	4.6	---	3.5	119

42" PREMIUM BARREL FAN

2 YEAR WARRANTY

The cream of the crop in barrel fans, the Airmaster MC42OS and USA-made HD42BD models deliver unmatched performance and durability. Powered by a 115V, single-phase, 2-speed, ODP, 1 HP motor with a 42" four-blade aluminum propeller inside a 46" epoxy-coated steel spiral cabinet, this fan moves serious air both quietly and efficiently.

Engineered with vibration-isolated mounted guards, steel-hubbed wheels with locking casters, and a motor positioned out of the airstream, they are built for smooth, long-lasting operation. A convenient 2-speed rocker switch puts powerful airflow at your fingertips.



Quiet! DBA:
High 75, Low 67



4-Blade Aluminum
Propeller



Vibration-Isolated
Mounted Guards



EDP No.	Description	Prop Dia.	HP	CFM		RPM		Ship Wt.
				High	Low	High	Low	
60002	MC42OS	42"	1	17100	9558	430	285	130
60014	HD42BD 	42"	1	17100	9558	430	285	130

PROFESSIONAL SERIES BARREL FAN

2 YEAR WARRANTY

Engineered for heavy-duty performance, the Airmaster Professional Series 42" and 48" Barrel Fans deliver powerful airflow, each powered by a 115V, 1 HP ODP ball-bearing motor. Built for mobility and durability, they feature steel wheels, an epoxy-coated steel spiral cabinet, and an easy-grip handle.

Resiliently mounted guards ensure quiet operation, while full OSHA compliance guarantees workplace safety. An optional swivel mount adds versatility, making this fan a reliable solution for industrial cooling and air circulation.



OSHA-Compliant
Guards



Swivel Mounts: 30°
Tilt, Locks in Place



Epoxy Coated
Steel Spiral



SWIVEL MOUNT

EDP No.	Description	Prop Dia.	HP	CFM		RPM		Ship Wt.
				High	Low	High	Low	
60007	EMC42D	42"	1/2	14000	8000	540	400	120
60025	MC42B Swivel Mount 	42"	1/2	16180		540		135
60019	EMC48B	48"	1	17173		385		165
60026	MC48B Swivel Mount 	48"	1	17730		385		180

36" STAINLESS STEEL BARREL FAN

2 YEAR WARRANTY

Designed for demanding industrial and commercial environments, the 36" Stainless Steel Direct Drive Barrel Fan delivers powerful, consistent airflow with the durability needed for moisture-prone and corrosive conditions. Featuring a corrosion-resistant stainless steel barrel housing and a reliable direct drive motor, this fan is ideal for facilities that require dependable ventilation with minimal maintenance.

Powered by a 1/2 HP motor, this fan produces airflow up to 12,800 CFM on high speed and 9,090 CFM on low speed, providing effective circulation for cooling, ventilation, and air movement in large spaces.

Operating at 570 RPM on high and 420 RPM on low, the 36" propeller is engineered to move high volumes of air efficiently while maintaining smooth, reliable performance.



Compliant with OSHA Requirements



Corrosion-Resistant Stainless Steel



3-Blade Propeller

EDP No.	Description	Prop Dia.	HP	CFM		RPM		Ship Wt.
				High	Low	High	Low	
60465	36" Stainless Direct Drive	36"	1/2	12800	9090	570	420	120



ECONOMY SERIES

30" ECONOMY FAN 32

42" BARREL FAN 33



30" ECONOMY FAN

1 YEAR WARRANTY

The Airmaster Economy Fan provides reliable air circulation in workshops, warehouses, and light industrial spaces. Designed for durability and convenience, this non-oscillating fan offers dependable performance while meeting OSHA safety standards.

Powered by a 120V, 1-phase, 2-speed, open-ventilated motor, the Economy Fan delivers flexible airflow control for a variety of applications. The aluminum blades are built for efficiency and long service life, while the epoxy-coated steel guards with retaining clips provide rugged protection and compliance.

Available in both pedestal and wall/vertical mount options, the Economy Fan adapts to your workspace needs. The pedestal design adjusts the fan center from 44" to 62", ensuring targeted airflow where you need it most. A convenient pull-chain switch and 9 1/2-foot power cord make operation simple and user-friendly.



ADJUSTABLE PEDESTAL



Adjustable Pedestal Height



3-Blade Aluminum Propeller



Epoxy Coated Steel Guards

EDP No.	Catalog No.	Prop Dia.	Fan Style	CFM		RPM		F.L. Amps	Ship Wt.
				High	Low	High	Low		
71531	LC30AP	30"	Pedestal Mount	6000	5500	1100	800	2.1	62
71533	LC30WC	30"	Wall / Vertical Mount						37



VERTICAL/WALL MOUNT

42" ECONOMY BARREL FAN

1 YEAR WARRANTY

Our Economy Barrel Fan delivers powerful air circulation with a 42" four-blade aluminum propeller and a durable 115V, 1-phase, 630W ODP ball-bearing motor. Built with 8" steel wheels for easy mobility, this fan offers two-speed control via a rocker switch and pushes airflow at 159 FPM @ 90 ft. Ideal for warehouses, shops, and industrial spaces, it combines performance, portability, and value in one reliable package.

Features:

- High-volume airflow for large-area circulation
- Durable steel barrel housing for long-lasting performance
- Portable design for flexible placement
- Ideal for warehouses, garages, barns, and workshops
- Economical solution for industrial air movement needs



4-Blade Aluminum Propeller



Epoxy Coated Steel Guards



OSHA-Compliant

EDP No.	Catalog No.	Prop Dia.	HP	CFM		RPM		dBA		Ship Wt.
				High	Low	High	Low	High	Low	
78933	LC42BD	42"	1	13036	11850	582	517	70	66	103



A large yellow industrial safety fan stands in the center of a warehouse. The fan has a circular wire mesh guard and a solid yellow base. In the background, there are various warehouse items: a wooden workbench, a grey tool chest, a grey electrical control panel, a forklift, and shelves with boxes. The floor is polished concrete.

SAFETY FANS

SAFETY-YELLOW FAN

5 YEAR WARRANTY

Featuring a bold safety-yellow finish and OSHA-approved guards, this fan ensures a secure workplace while maintaining strong, consistent air circulation.

Same bold safety design, but with a wider blade span for maximum coverage, available in 24" and 30" propellers. The innovative four-hinge-pin guard system allows for quick, tool-free removal, streamlining cleaning and routine maintenance to keep operations running without unnecessary downtime.



4-Blade Aluminum Propeller



Epoxy Coated Steel Guards



OSHA-Compliant



EDP No.	Catalog No.	Prop Dia.	Fan Style	CFM		RPM		Ship Wt.
				High	Low	High	Low	
10731	DJ-PF24-2SPH-DC	24"	Pedestal Mount	5280	3980	1120	840	85
10740	DJ-WMF24-2SPH-DC	24"	Wall Mount	5280	3980	1120	840	58
10738	DJ-CMF24-2SPH-DC	24"	Vertical / Bench Mount	5280	3980	1120	840	58
10735	DJ-CCM24-2SPH-DC	24"	Channel Mount	5280	3980	1120	840	65
10750	DJ-BMF24-2SPH-DC	24"	I-Beam Mount	5280	3980	1120	840	65
10732	DJ-PF30-2SPH-DC	30"	Pedestal Mount	6915	5000	1115	780	92
10741	DJ-WMF30-2SPH-DC	30"	Wall Mount	6915	5000	1115	780	62
10739	DJ-CMF30-2SPH-DC	30"	Vertical / Bench Mount	6915	5000	1115	780	62
10736	DJ-CCM30-2SPH-DC	30"	Channel Mount	6915	5000	1115	780	69
10737	DJ-BMF39-2SPH-DC	30"	I-Beam Mount	6915	5000	1115	780	68

SAFETY HEAD ASSEMBLY

EDP No.	Catalog No.	Ship Wt.
12553	DJ24 Head Assembly	58
12554	DJ30 Head Assembly	55



SPECIALTY USE FANS

MISTING BARREL	37
TARGETED AIR	38
EASY CLEAN	40
STAINLESS STEEL	41
WASHDOWN & ACCESSORIES	42

30" MISTING BARREL PEDESTAL FAN

1 YEAR WARRANTY

Cool, control, and refresh with the Airmaster Misting Barrel Pedestal Fan, engineered to lower ambient air temperature down to the dew point. Designed for commercial, industrial, agricultural, and residential applications, this misting fan provides powerful airflow combined with fine mist distribution to create a cooler, more comfortable environment indoors or outdoors.

Powered by a 115V, 1/4 HP, 1-phase ball bearing motor with a waterproof 2-speed switch, this fan delivers reliable performance in demanding conditions.



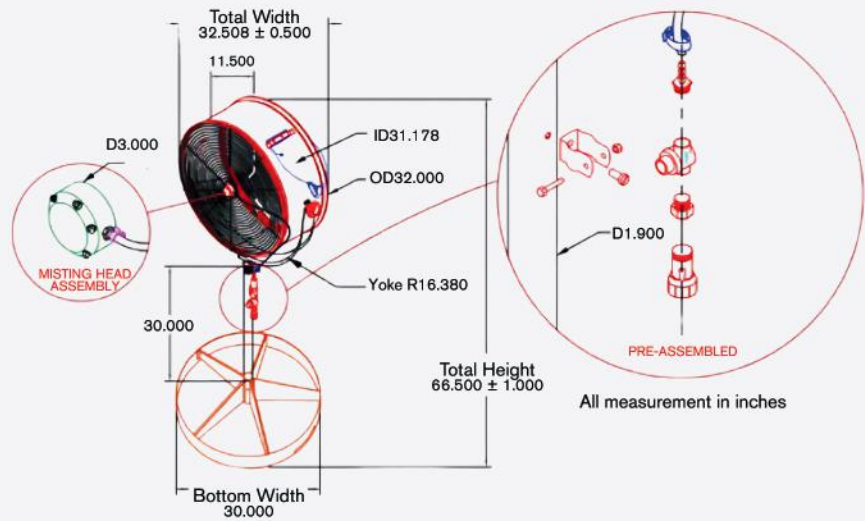
360° Tilt Mounting Yoke



Epoxy Powder-Coated Metal Parts



Air Pattern: 60' Long x 20' Wide



EDP No.	Catalog No.	Prop Dia.	Fan Style	CFM		RPM		HP	Ship Wt.
				High	Low	High	Low		
60030	AMD 30-B	30"	Pedestal Barrel	8800	6000	1140	950	1/4	96

TARGETED AIR FAN

1 YEAR WARRANTY

These non-oscillating targeted air fans are designed to deliver focused, high-velocity airflow exactly where it's needed. Perfect for workstations, offices, retail areas, or industrial environments, these precision cooling solutions provide comfort and efficiency without overcooling surrounding spaces, avoiding wasted energy. Available with 24" and 30" propellers and four mounting styles.

Stay comfortable, productive, and efficient without overcooling your entire space. Focused air means better workflow and less energy wasted.

- 208/230/460V
- 3-Phase, Totally Enclosed, Ball Bearing Motor
- Usable at 50 or 60 Hz



Heavy-Gauge Galvanized
Steel Propeller



1 HP Heavy-Duty
Motor



Ultra-High Velocity
Airflow

PEDESTAL



EDP No.	Catalog No.	Prop Dia.	Fan Style	CFM	RPM	Motor No.	F.L. Amps	Ship Wt.
20750	24HF36	24"	Pedestal Fan	7700	1140	1369	4.0 / 2.0	89
20770	24HW36	24"	Wall Mount Fan	7700	1140	1369	4.0 / 2.0	68
20790	24HI36	24"	I-Beam Mount Fan	7700	1140	1369	4.0 / 2.0	68
20780	24HS36	24"	Vertical Mount Fan	7700	1140	1369	4.0 / 2.0	58
20840	30HF36	30"	Pedestal Fan	12400	1125	1369	4.0 / 2.0	105
20860	30HW36	30"	Wall Mount Fan	12400	1125	1369	4.0 / 2.0	74
20880	30HI36	30"	I-Beam Mount Fan	12400	1125	1369	4.0 / 2.0	79
20870	30HS36	30"	Vertical Mount Fan	12400	1125	1369	4.0 / 2.0	70

I-BEAM MOUNT



WALL MOUNT



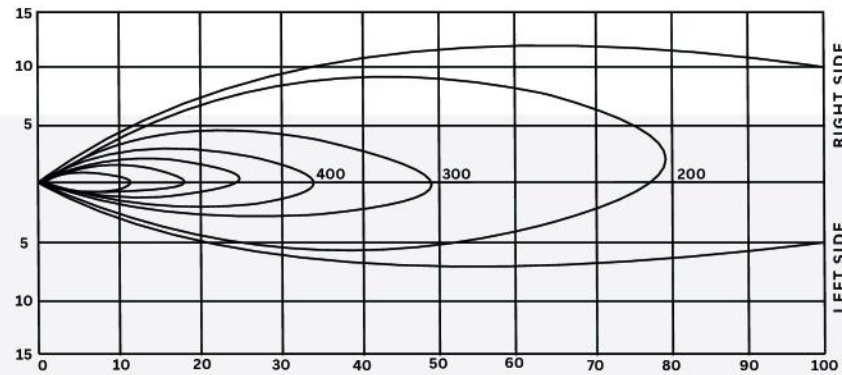
VERTICAL MOUNT



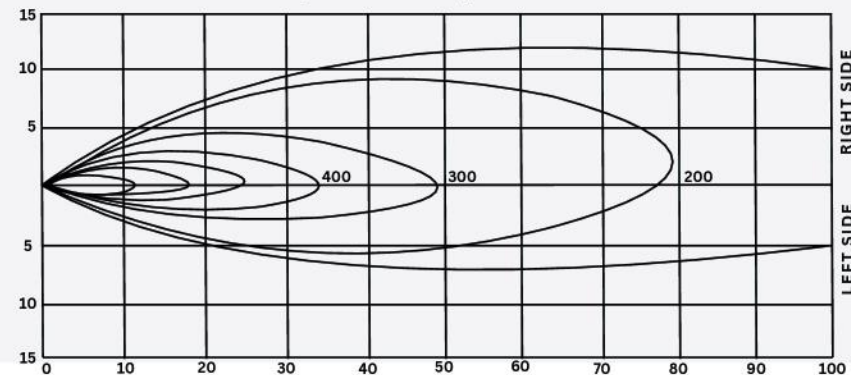
AIRFLOW VELOCITY CHARTS

Airflow is shown in FPM (Feet Per Minute), divide FPM by 88 for MPH (Miles Per Hour)

Airmaster 24HF36 Vertical Velocity Profile



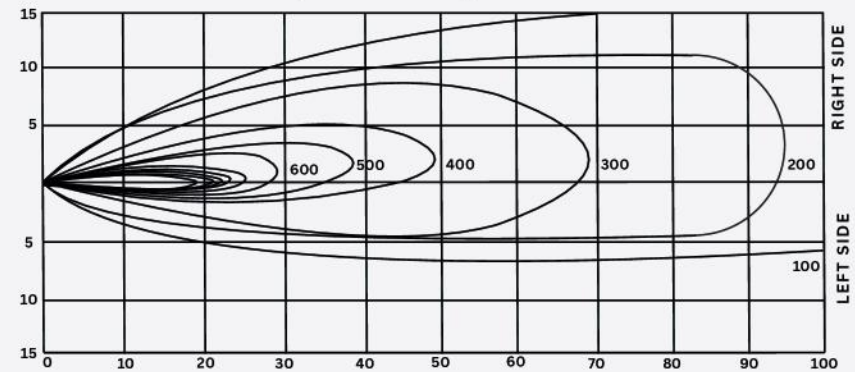
Airmaster 24HF36 Top View Velocity Profile



Type	Tilt (In Degrees) Non-Oscillating	
	Up	Down
Floor	20°	10°
Wall	20°	15°
I-Beam	20°	20°
Vertical	8°	20°

0°= Horizontal Plane

Airmaster 30HF36 Top View Velocity Profile



30" EASY CLEAN FAN

2 YEAR WARRANTY

Powered by a 1/3 HP, 115V, single-phase, totally enclosed, air-over, ball-bearing motor, the Easy Clean Fan is built for long-lasting, reliable performance in demanding commercial and industrial settings. A galvanized steel 30" propeller delivers effective airflow, while non-oscillating operation provides consistent, targeted air movement where it's needed most.

Available with either a 2-speed drop-cord switch or a 3-speed pull-chain switch, the Easy Clean Fan offers flexible airflow control to match varying workspace conditions. With pedestal, wall mount, and I-beam mounting options, it can be configured to fit a wide range of facility layouts and airflow needs.



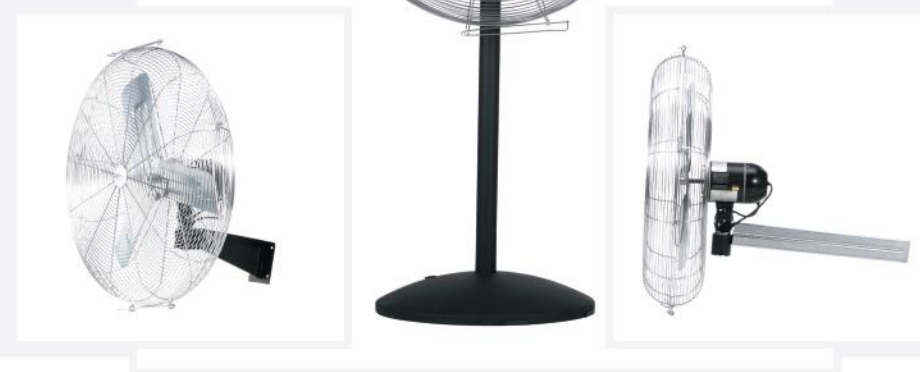
TEAO Ball-Bearing Motor



Galvanized Steel Propeller



1/3 HP, 115V Motor



2-SPEED DROP-CORD SWITCH

EDP No.	Catalog No.	Fan Style	HP	CFM		RPM		Motor No.	F.L. Amps	Ship Wt.
				High	Low	High	Low			
71503	CA30HGDCS	Head Assembly	1/3	6100	2700	1100	600	642-AC2SDC	2.7	49
71504	CA30HGDCSIB	I-Beam	1/3							65
71506	CA30HGDCSPB	Pedestal	1/3							92
71507	CA30HGDCWM	Wall	1/3							62

3-SPEED PULL-CHAIN SWITCH

EDP No.	Catalog No.	Fan Style	HP	CFM			RPM			Motor No.	F.L. Amps	Ship Wt.
				High	Med	Low	High	Med	Low			
71500	CA30HGPC	Head Assembly	1/3	6100	4400	2700	1100	800	600	642-AC 3 SP	2.8	49
71501	CA30HGPCWM	Wall	1/3									62
71502	CA30HGPCPB	Pedestal	1/3									92
71505	CA30HGPCIB	I-Beam	1/3									65

COMPONENT PARTS

EDP No.	Catalog No.	Fan Style	Ship Wt.
01515	DCD	Dome only for drop-cord	2
01633	Cord	15' Power Cord	2
01723	Switch	Switch - Pull-Chain	2
01754	Guard-Safety Pin	Safety Pin - 1 only	1
12013	2-SPDCS-HD	End Dome with drop-cord and 2-speed switch	2
12015	DCS-2	Drop Cord with 2-speed switch	1
21017	642-AC 3 SP	Pull-Chain Motor	19
21089	COM30-HG&P	30" Hinged Guard and Prop - Chrome	32
21090	642-AC2SDC	Drop-Cord Motor	19
21152	8CP-2B	Pedestal	13
21191	700-U	I-Beam Bracket with Safety Cable	14
21204	Safety Kit	Safety Cable Kit	1
37772	IAC-WB	For use with oscillating and non-oscillating motors	7

STAINLESS STEEL FAN

10 YEAR WARRANTY

Engineered for the toughest washdown environments, the Airmaster Stainless Steel fan delivers powerful, reliable airflow while meeting the highest standards for food safety and sanitation. Built from electro-polished 304 stainless steel, this fan is the perfect choice for food service, hospitals, food processing plants, dairy barns, poultry houses, and fisheries.

Available in 20", 24", and 30" propeller diameters, the Stainless Steel Air fan is powered by a totally enclosed, non-ventilated (TENV) ball bearing motor, designed to withstand high-pressure cleaning and caustic washdown solutions without compromising performance.

- Electro-polished 304 stainless steel construction for maximum corrosion resistance
- IEC-IP55 washdown-rated motor for long-term reliability
- 115V, 1/15 HP (20"), 115/230V, 1/4 HP (24"), and 1/3 HP (30"), 1 phase options
- Totally enclosed, non-ventilated (TENV) ball bearing motor



304 Stainless Steel Construction



IEC-IP55 Washdown-Rated Motor

EDP No.	Catalog No.	Prop Dia.	Fan Style	HP	CFM		RPM		Motor No.	Ship Wt.
					High	Low	High	Low		
70834	PWISS20	20"	Floor Model	1/15	2670	1670	1600	1000	5B	69
70833	WWISS20	20"	Wall Model	1/15						52
70836	PWISS24	24"	Floor Model	1/4	5220		1075		4G	79
70835	WWISS24	24"	Wall Model	1/4						62
70764	PWISS30	30"	Floor Model	1/3	8800		1075		4H	81
70767	WWISS30	30"	Wall Model	1/3						64

*CORD AND PLUG NOT PROVIDED WITH 115V or 115/230V MODELS. MUST BE HARDWIRED. WIRING MUST CONFORM TO ALL NATIONAL STATE AND LOCAL CODES

Note: When assembling fans, use only the stainless steel fasteners supplied with the motors. Fans and motors should be cleaned and inspected regularly. A safety cable kit is included in all overhead-mounted air circulators to prevent the fan from falling if accidentally struck or mounting fails. Single safety cable kits consist of 12 feet of 1/16" diameter cable, 2 cable clamps, and instructions.



PEDESTAL



WALL MOUNT

CHEMICAL RESISTANCE RATING CHART

Chemical	Concentration	Stainless Steel Parts
Water:		
De-Ionized Boiling	100%	Excellent
Salt (Immersed)	30%	Excellent
Salt (Spray)	5%	Excellent
Tap - 250°/120° @ 10,000 PSI	100%	Excellent
Acids:		
Hydrochloric	35%	Poor
Sulfuric	25%	Poor
Nitric	35%	Excellent
Picric	Saturated Solution	Excellent
Base:		
Caustic	100%	Excellent
Caustic	12pH	Excellent
Caustic - 1250 F/500 C	-	Excellent

WASHDOWN FAN

DESIGNED FOR HIGH PRESSURE CLEANING

Intended for wet and sanitation-sensitive environments, this commercial-grade washdown fan features a 115V, 1/4 HP, single-phase, totally enclosed, non-vented, ball-bearing motor with IEC-IP55 washdown protection. Built to withstand moisture, high-pressure cleaning, and concentrated caustic solutions without affecting performance or function.

Features include an OSHA-compliant nickel chrome guard, galvanized steel propeller, electrostatic-coated finish, and a 15' three-conductor cord and plug. Available in wall mount (includes safety cable kit) or non-adjustable pedestal configurations. Meets BISSC / ANSI/ASB/Z50.2-2015 sanitation standards and includes a 3-year warranty.



Galvanized Steel Propeller



IEC-IP55 Washdown-Rated Motor



OSHA-Compliant Guards



EDP No.	Catalog No.	Prop Dia.	Fan Style	HP	Motor No.	CFM		RPM		Ship Wt.
						High	Low	High	Low	
71761	I-24-WDWNO PED	24"	Pedestal	1/15	0-3B	5548	4062	1110	856	86
71763	I-24-WDWNO WALL	24"	Wall	1/15						57
71762	I-30-WDPNO PED	30"	Pedestal	1/4		7794	5943	1091	759	95
71764	I-30-WDPNO WALL	30"	Wall	1/4						61
73301	I-24WDP PROP	24"	Replacement Prop	1/3	--	--		--		5
73401	I-30WDP PROP	30"	Replacement Prop	1/3	--					5

COMPONENT PARTS & ACCESSORIES FOR WASHDOWN FANS

MOTORS - HARD WIRED

EDP No.	Catalog No.	F.L. Amps	Ship Wt.	Description
78039	5B	1.4	30	1/15 HP, 115V, 1-Phase, 2-Speed, Ball-Bearing, 1/2" shaft (Stainless Steel) *BISCC Approved
78040	4G	3.87	32	1/4 HP, 115/230V, 1-Phase, Ball-Bearing, 1/2" shaft (Stainless Steel) *BISCC Approved
78042	4H	3.87	34	1/3 HP, 115/230V, 1-Phase, Ball-Bearing, 1/2" shaft (Stainless Steel) *BISCC Approved

PEDESTAL

EDP No.	Catalog No.	Ship Wt.	Description
73001	PEDSS	7	Stainless Steel Stationary Pedestal, 5' Height / Bottom 33 1/2" Counter Model

GUARDS

EDP No.	Catalog No.	Ship Wt.	Description
70840	AC20GSS	16	20" Stainless Steel Guard
70841	AC24GSS	18	24" Stainless Steel Guard
70761	AC30GSS	19	30" Stainless Steel Guard

BASE

EDP No.	Catalog No.	Ship Wt.	Description
77001	BOS	16	Open Base - Stainless Steel

PROPELLERS

EDP No.	Catalog No.	Ship Wt.	Description
70842	WGBS20	4	20" Stainless Steel Propeller
70843	WGBS24	5	24" Stainless Steel Propeller
72401	WGBS30	6	30" Stainless Steel Propeller

WALL MOUNT BRACKET

EDP No.	Catalog No.	Ship Wt.	Description
37773	IAC-WBS	7	Stainless Steel Wall Mount Bracket (Complete with Safety Cable)

THE ELEVATE SERIES
CEILING FANS

ELEVATE 60" CEILING FAN

FOR RETROFIT AND NEW INSTALLATIONS

Available with or without an integrated 120W light, Airmaster's 60" Ceiling Fan delivers efficient, evenly distributed airflow for commercial and residential spaces. Featuring a super-efficient DC motor that uses only 6–35 watts, six fan speeds, reversible airflow for summer and winter use, and a convenient remote control, this fan improves comfort while helping reduce energy costs caused by air stratification in high-ceilinged environments. The lightweight design mounts to standard fan-rated junction boxes with up to a 12" downrod, while the 277V input models allow for easy retrofit applications.

Features:

- Available with or without 120W Integrated Light with 3CCT (3K/4K/5K)
- 60" Diameter, (8) Aluminum Blades
- Super Efficient DC Motor, Only 6–35 Watts
- Six Speeds with Remote Control
- Reversible Airflow for Summer & Winter Use
- 277V Models for Easy Retrofit Applications
- Heavy-Duty Mounting Bracket Included for Extended Downrods
- Helps Reduce Heat Stratification & Improve Comfort
- Perfect for Restaurant Patios, Workout Centers, Hospitality Venues, Residential Patios



EC60 WITHOUT LIGHT



EC60-L WITH 120W LIGHT



REMOTE

EDP No.	Catalog No.	Prop Dia.	Fan Model	Light Model	CFM (High)	Ship Wt.
72200	EC60-L-8-BLK-120W-3CT-120	60"	120V	120W Integrated Light with 3CCT	6,744	32
72201	EC60-8-BLK-NLT-U	60"	120-277V	No Light	6,744	28
72202	EC60-L-8-BLK-120W-3CT-U	60"	120-277V	120W Integrated Light with 3CCT	6,744	32

WARRANTIES

AIRMASTER FAN COMPANY GRANTS LIMITED WARRANTIES TO THE ORIGINAL PURCHASER OF AIRMASTER FAN(S). THESE DOCUMENTS CAN BE FOUND ONLINE AT WWW.AIRMASTERFAN.COM.

INITIATING A WARRANTY CLAIM

If Proof of purchase is required to request warranty service. The original purchaser must provide a receipt, sales order, or other documentation establishing proof of purchase, as determined at Airmaster's discretion. Warranty service requests may be initiated by contacting Airmaster Fan Company via email or phone:

RMA@airmasterfan.com | (517) 764-2300

Airmaster reserves the right to inspect any product claimed to be defective to determine warranty eligibility before approval. This process may include the return of all or part of the product, photographs, descriptions, or other information relevant to the claim.

Fans or fan components must not be returned to Airmaster without prior authorization. Unauthorized deliveries will not be accepted. Freight costs associated with returns or replacements may be applied or waived at Airmaster's discretion.



LIMITED ONE-YEAR WARRANTY

If any part of your Airmaster fan fails within one year of the manufactured date due to a defect in material or workmanship, as determined solely by Airmaster, Airmaster will provide you with replacement parts or a replacement fan, at Airmaster's discretion, free of charge.* **

LIMITED TWO-YEAR WARRANTY

If any part of your Airmaster fan fails within two years of the manufactured date due to a defect in material or workmanship, as determined solely by Airmaster, Airmaster will provide you with replacement parts or a replacement fan, at Airmaster's discretion, free of charge.*

The following EDPs are covered under this warranty:

37113, 37114, 37209, 37212, 38422, 39130, 39140, 39150, 39160, 60002, 60007, 60014, 60019, 60025, 60026, 60140, 60465, 60470, 60471, 60480, 60481, 71500, 71501, 71502, 71503, 71504, 71505, 71506, 71507, 71526, 71565, 71566, 71567, 71568, 71572, 71573, 71584, 71586, 71590, 71591, 71610, 71725, 71726, 71760. **

LIMITED THREE-YEAR WARRANTY

If any part of your Airmaster fan fails within three years of the manufactured date due to a defect in material or workmanship, as determined solely by Airmaster, Airmaster will provide you with replacement parts or replacement fan, at Airmaster's discretion, free of charge.*

The following EDPs are covered under this warranty:

71761, 71762, 71763, 71764. **

LIMITED FIVE-YEAR WARRANTY

If any part of your Airmaster fan fails within five years of the manufactured date due to a defect in material or workmanship, as determined solely by Airmaster, Airmaster will provide you with replacement parts or a replacement fan, at Airmaster's discretion, free of charge.*

The following EDPs are covered under this warranty:

10731, 10732, 10735, 10736, 10737, 10738, 10739, 10740, 10741, 10750, 12553, 12554, 20115, 20720, 20721, 20722, 20723, 20885, 20890, 20892, 20893, 20894, 20895, 20898, 20899, 20900, 20902, 20903, 20904, 20906, 20907, 20908, 20909, 20911, 20912, 20915, 23190, 23191, 23192, 23193, 23194, 23195, 23196, 23197, 23198, 23199, 23202, 23203, 23204, 23205, 23206, 23207, 23212, 37129, 37135, 37137, 37138, 37139, 37140, 37144, 37145, 37147, 37148. **

LIMITED LIFETIME WARRANTY

If any part of an Airmaster Heavy-Duty Fan fails during ownership due to a defect in material or workmanship, as determined solely by Airmaster, replacement parts or a replacement fan will be provided at Airmaster's discretion at no charge.*

The following EDPs are covered under this warranty:

20301, 20321, 20351, 20371, 20381, 20391, 20450, 20470, 20480, 20490, 20500, 20520, 20530, 20540, 20720, 20722, 20723, 20885, 20890, 20895, 20900, 20903, 37129, 37135, 37138, 37140, 37144, 37145, 37147, 37148. **

*

If no replacement product/part can be provided for your fan, we will provide a comparable or superior product replacement product/part at the sole discretion of Airmaster

** EXCLUSIONS

These warranties do not cover any costs or fees associated with the labor (including electrician's fees) required to install, remove, or replace a fan or any fan parts.

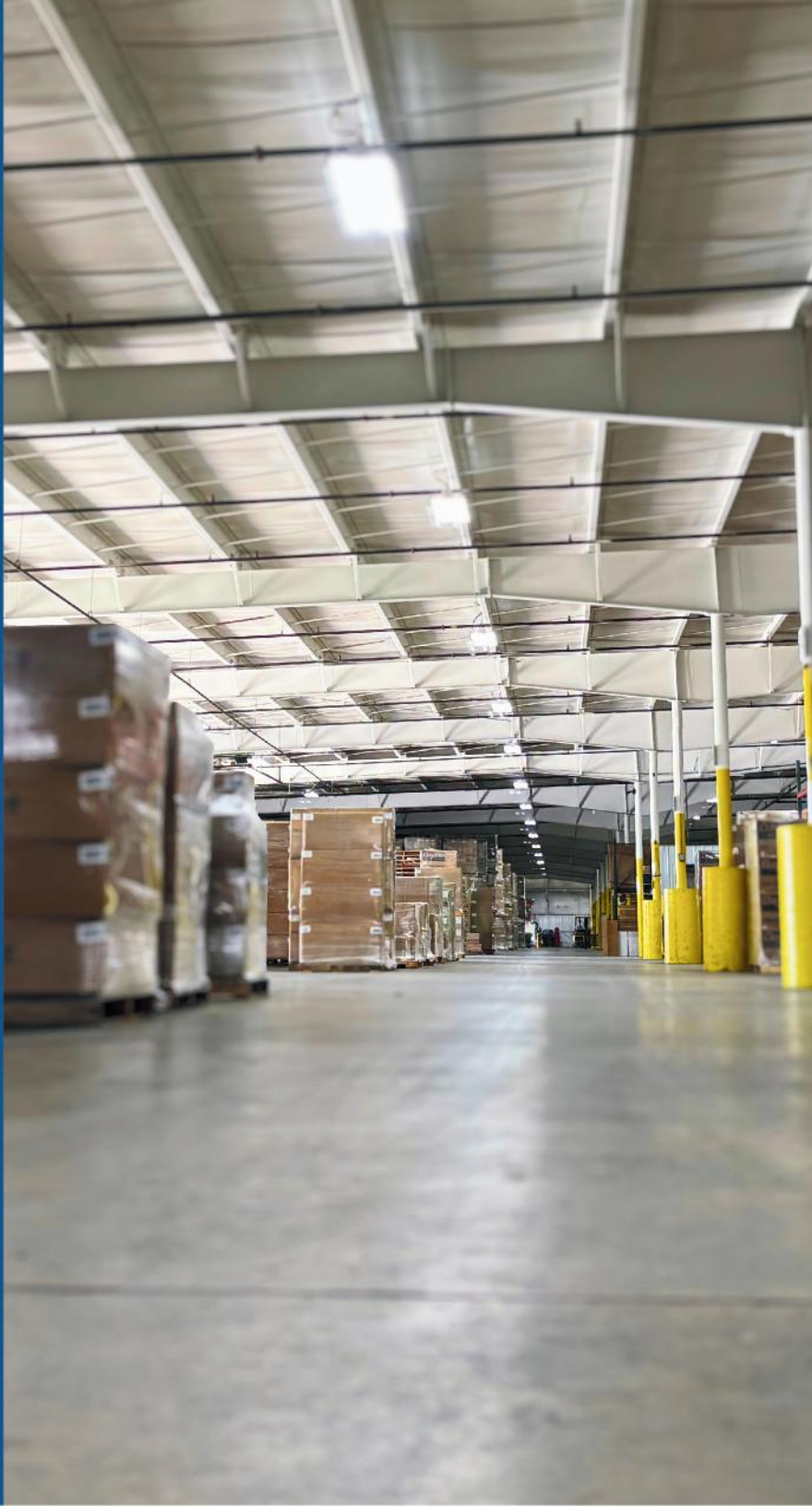
There is no warranty for fans purchased or installed outside the United States; fans owned by someone other than the original purchaser; fans for which proof of purchase has not been established; fans purchased from an unauthorized dealer; ordinary wear and tear; minor cosmetic blemishes; refurbished fans; and fans that are damaged due to any of the following: improper installation (including installation in extreme environments), misuse, abuse, improper care, failure to follow Airmaster instructions, improper assembly, accidental damage caused by the fan owner or related parties, modifications to the fan, improper or incorrectly performed maintenance or repair, improper voltage supply or power surge, use of improper parts or accessories, failure to provide normal maintenance and cleaning to the fan, use of the product in applications for which it was not designed, or acts of God (e.g. flood).

ORIGINAL PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR A CLAIM OF ANY KIND WITH RESPECT TO THIS PRODUCT SHALL BE THE REMEDIES SET FORTH HEREIN. AIRMASTER FAN COMPANY IS NOT RESPONSIBLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, DUE TO PRODUCT FAILURE, WHETHER ARISING OUT OF BREACH OF WARRANTY, BREACH OF CONTRACT, OR OTHERWISE. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THIS PRODUCT ARE LIMITED IN DURATION TO THE PERIOD OF COVERAGE OF THE APPLICABLE LIMITED WARRANTIES SET FORTH ABOVE. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

STATE LAW

These warranties give specific legal rights. You may also have other rights which vary from state to state.



AIRMASTER

QUALITY YOU CAN FEEL

SUPPORT & QUOTING



(517) 764-2300



sales@airmasterfan.com

engineering@airmasterfan.com

HEADQUARTERS



9229 S. Meridian Rd.
Clarklake, MI 49234

OUR INVITATION TO YOU

Seeing is believing, and we welcome the opportunity to show you around our headquarters in Clarklake, Michigan. During your visit to our 120,000 sq. ft. manufacturing facility, you'll gain a clear understanding of our capabilities, cutting-edge technology, and the disciplined processes that produce climate control products built to perform and engineered to last. Most importantly, you'll see what truly sets Airmaster apart is our people: skilled professionals whose expertise, commitment, and craftsmanship represent an American standard of hard work and pride that simply can't be matched.

TOTAL CLIMATE CONTROL

See our complete line of air flow
solutions, including fans, circulators,
and heaters, at

WWW.AIRMASTERFAN.COM





VENTILATION

COMMERCIAL PRODUCT WARRANTY

Airmaster® Fan Company warrants to the original user that the equipment shipped will be the kind and quality described in the specifications and will be free from defects in material and workmanship under normal use and service.

Airmaster® Fan Company will rectify defects in material or workmanship within one year from the date of shipment by the factory, provided the Company receives immediate written notice of such defects and such claims are substantiated to its satisfaction. Correction of such defects by repair or replacement at company's option, F.O.B. the Company's factory, shall constitute the sole obligation under this warranty.

This warranty does not include accessories or any part of the unit that has been subjected to misuse, neglect, accident, or damage caused by flood, fire, or an act of God. UNDER NO CIRCUMSTANCES IS AIRMASTER® liable for labor costs incurred in installation or removal for repairs. UNDER NO CIRCUMSTANCES IS AIRMASTER® liable for incidental or consequential damages due to failure to meet the conditions of any warranty. No liability of any nature is assumed by the Company for failure to make delivery due to any act or condition beyond its reasonable control.

To initiate a warranty claim or report a product-related concern, contact rma@airmasterfan.com and include your order number along with a detailed description of the issue.



WARNING: This product can expose you to chemicals known to the State of California to cause cancer and reproductive harm. For additional information, visit www.P65Warnings.ca.gov. This warning applies to all products included in this catalog.



airflow
STARTS WITH



TOTAL CLIMATE CONTROL

See our complete line of air flow
solutions, including ventilation fans,
circulators, and heaters, at

WWW.AIRMASTERFAN.COM



VENTILATION SOLUTIONS BUILT TO PERFORM

Airmaster delivers ventilation solutions engineered for reliable, repeatable performance. This catalog is designed to guide selection, from ready-to-install ventilation units to fully integrated system solutions tailored to specific application requirements. Organized for clarity and efficiency, it reflects Airmaster's commitment to disciplined engineering, U.S.-based manufacturing, and dependable airflow solutions for a wide range of applications.



TWO PATHS. ONE PROVEN PARTNER.

01 READY-TO-INSTALL VENTILATION UNITS

Pre-engineered, self-contained fan assemblies designed for straightforward installation through a wall or roof opening.

02 ENGINEERED SYSTEM SOLUTIONS

Custom-configured systems leveraging Airmaster's full portfolio of over 150 components to meet complex airflow, control, and application requirements.

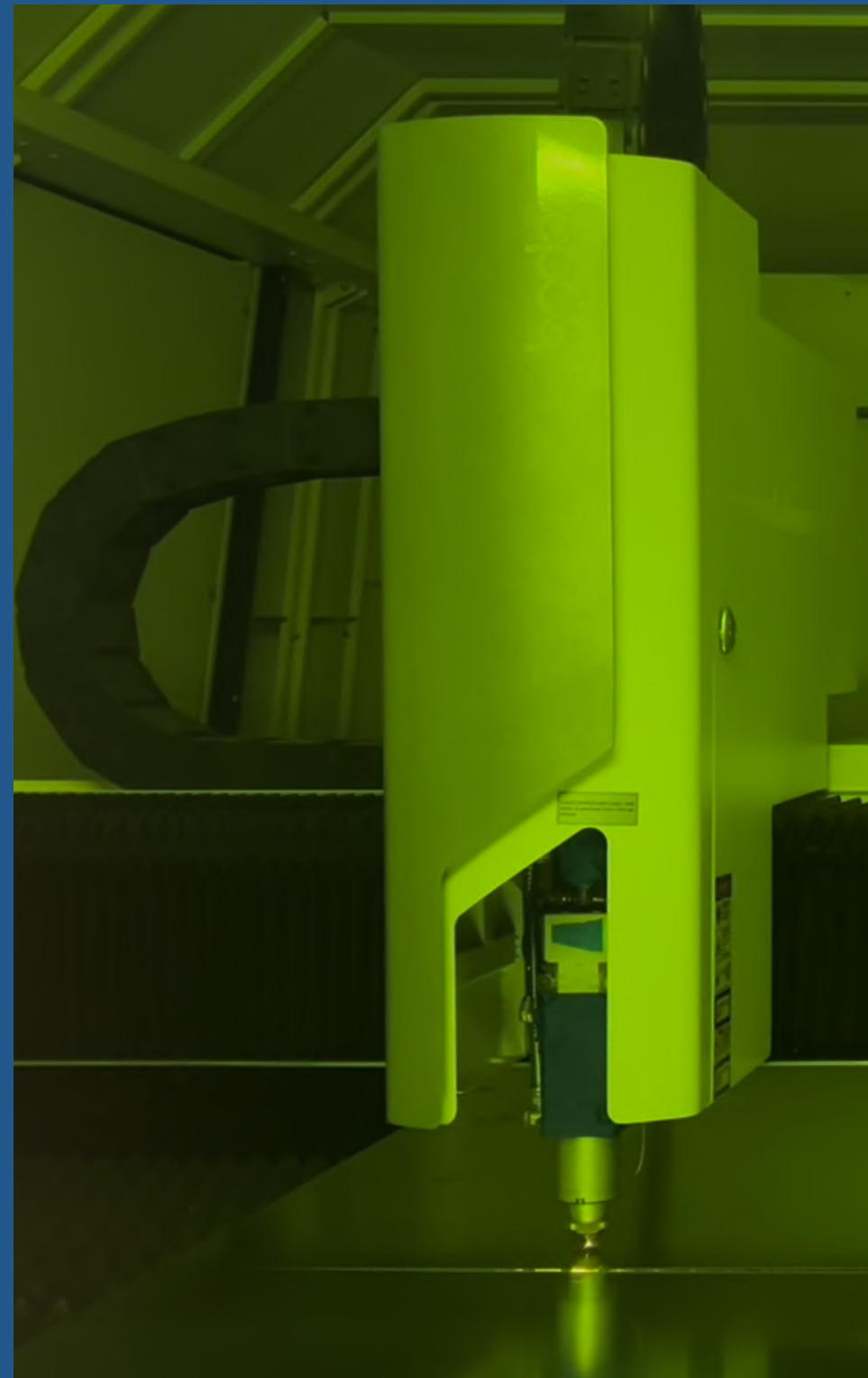
CUTTING EDGE TECHNOLOGY,
140 YEARS IN THE MAKING

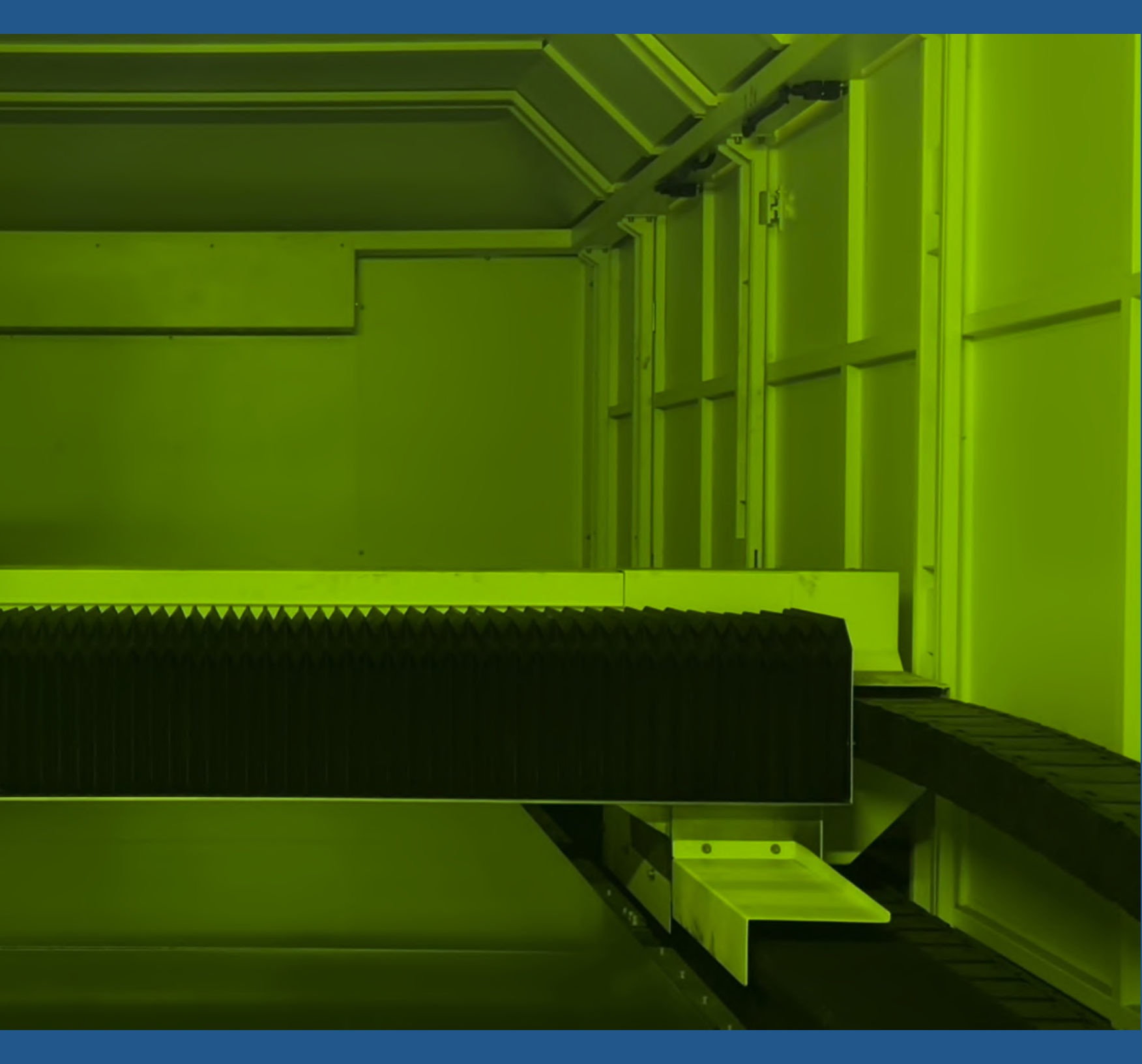
FRESH AIR BETTER FLOW SMARTER SPACES

A commitment to durability is central to Airmaster's legacy - a legacy with roots established well over a century ago. The products built here are far more than fans; they're investments. From concept and design through installation support, Airmaster is your single, accountable partner, removing complexity and delivering the right ventilation solution every time.

In a time when so many products are built fast and cheap, Airmaster has doubled down on durability. Real metal, not plastic. Components assembled in Michigan by a team of people who are watching closely to ensure the product carries the name with integrity.

Because that's what Airmaster is built on, a century of making products that last. Not figuratively. Literally. Fans that have been in use for decades. Equipment that shows up in facilities long after its install date, still doing its job. And that's no accident.





AIRMASTER

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READY-TO-INSTALL VENTILATION UNITS

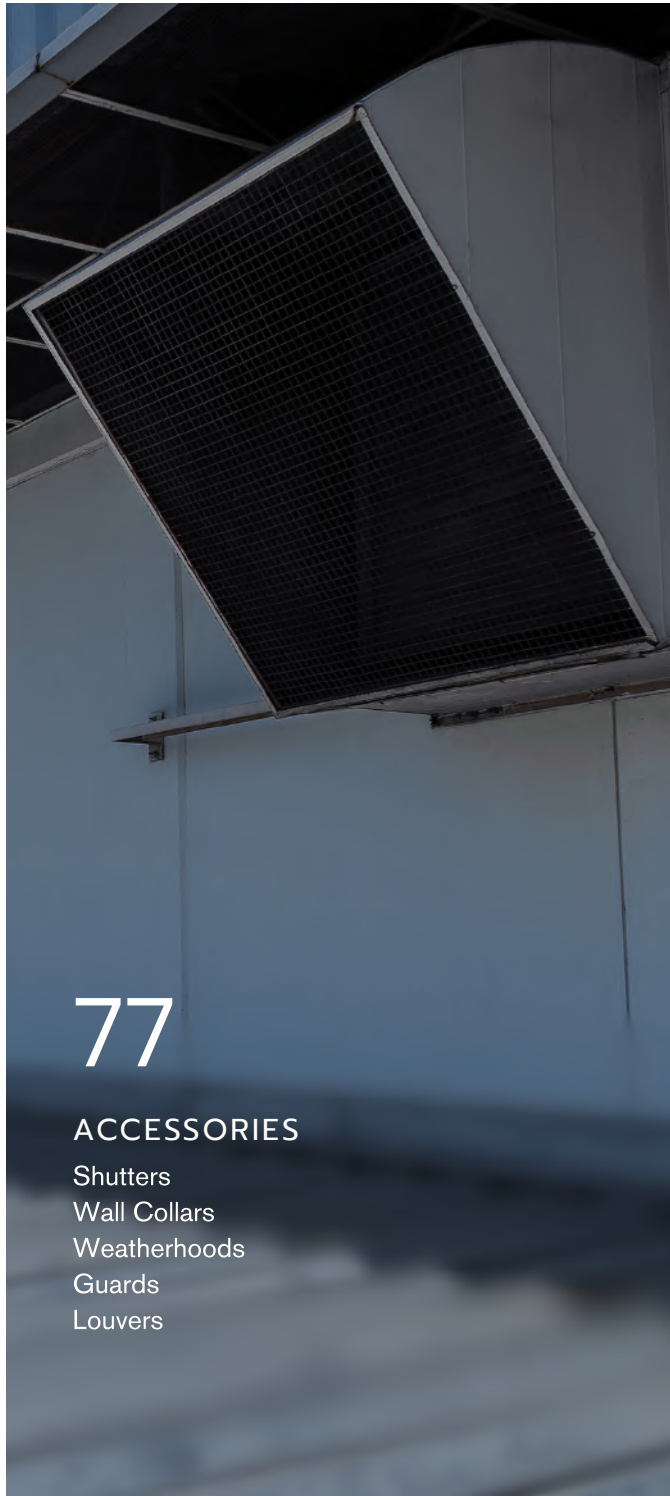
Pre-engineered, self-contained fan assemblies designed for straightforward installation through a wall or roof opening.



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ACCESSORIES

Shutters
Wall Collars
Weatherhoods
Guards
Louvers

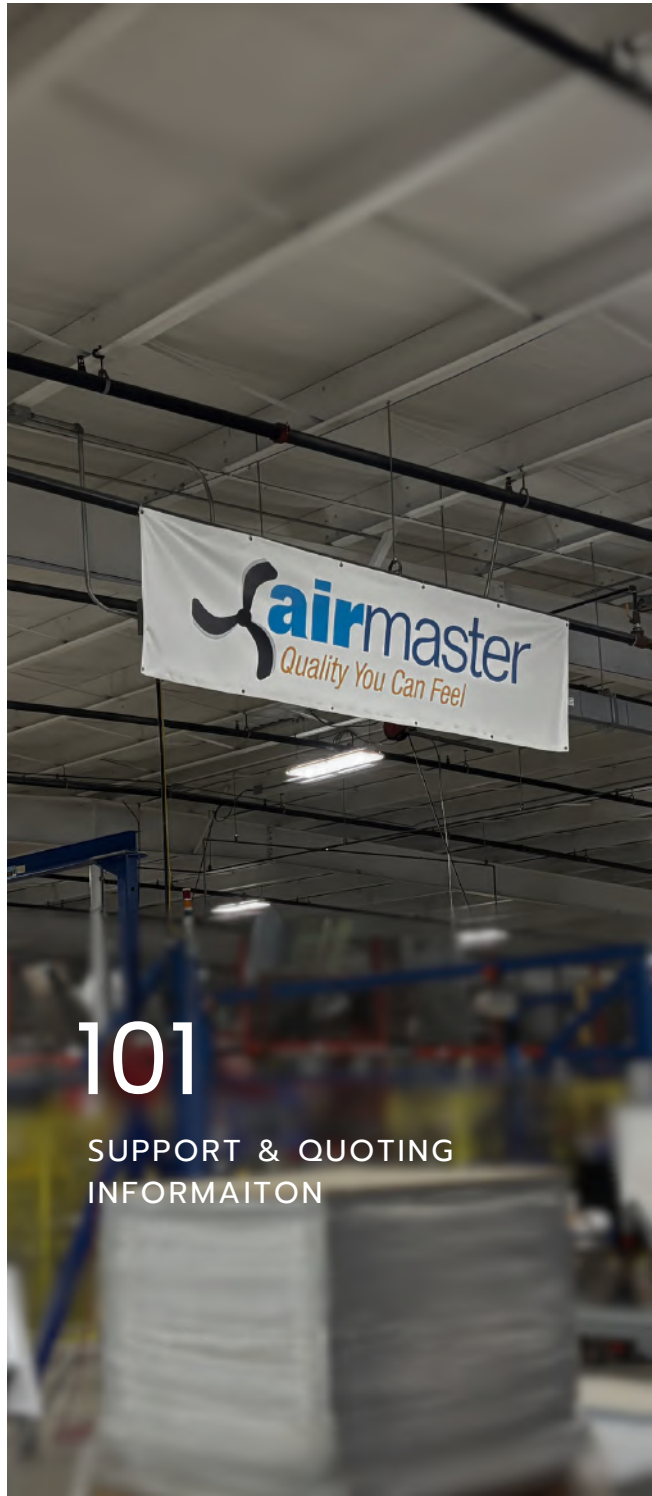


96

ENGINEERED SYSTEM SOLUTIONS

Custom-configured systems leveraging Airmaster's full portfolio of over 150 components to meet complex airflow, control, and application requirements.





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SUPPORT & QUOTING
INFORMATION

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QUALITY YOU CAN FEEL

AIRMASTER'S LEGACY

Airmaster's history originates in 1886 as the first electrical fan was patented by the Diehl Fan Company. During the next 100 years, Airmaster acquired the Chelsea, Brundage, and Power Line Fan companies and marketed each brand separately. To streamline operations, sales and marketing of circulation and ventilation products were consolidated in 2002 to one name, Airmaster Fan Company. Airmaster has always been a family owned business and we do not answer to a corporation on Wall Street, instead we answer to our customers on Main Street.

THE MAICO GROUP

In 2013, Airmaster was purchased by another family business from Germany, the Maico group. The Maico group is a globally recognized leader in ventilation products and they are known for their product quality, reliability, and reputation.

Maico also brings additional new marketing opportunity, fan innovation, and product expertise to Airmaster.

In 2017, Airmaster moved its headquarters and manufacturing to a 120,000-square-foot facility located on S. Meridian Road in Clarklake, Michigan. The new location allowed Airmaster to streamline its production processes as well as allow for an overall more efficient layout.

A VISION FOR GROWTH

Airmaster Fan Company enters its next chapter with renewed momentum and a clear vision for the future. With the appointment of General Manager Don Lincoln, MS, MBA, the company is building on a strong legacy while embracing new opportunities for growth, innovation, and expanded capabilities.

This new phase includes strategic investments in people, technology, and product development that are

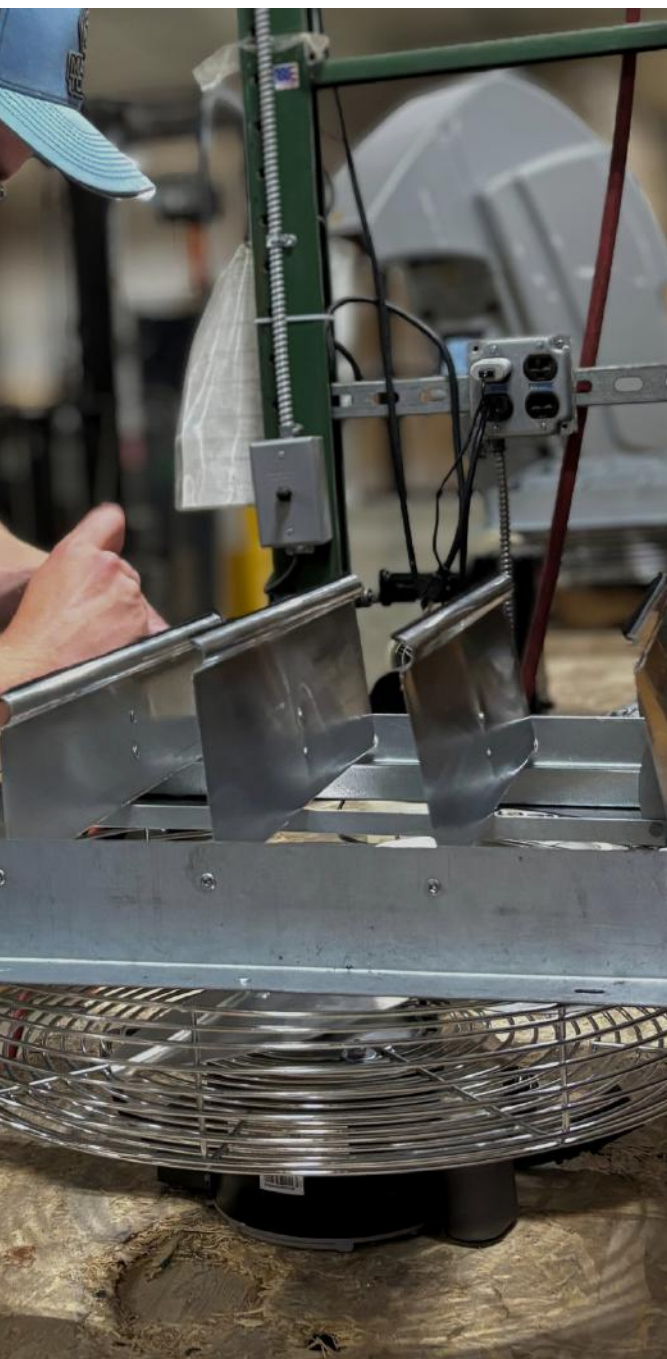
strengthening Airmaster's ability to serve customers with even greater performance and reliability. The same craftsmanship and manufacturing discipline that built the company's reputation remain at the core of everything we do.

At the same time, the future of ventilation is evolving. Advancements in smart technologies, integrated controls, and intelligent system design are opening new possibilities for how air movement products contribute to building performance.

Airmaster is actively exploring these innovations to ensure our products continue to meet the changing needs of modern facilities and industrial environments.

Guided by experienced leadership and powered by the expertise of our team, Airmaster is well positioned to grow, innovate, and continue delivering the dependable ventilation solutions our customers have been relying on for more than 100 years.





TERMINOLOGY

Air Change: Expressed in “Minutes per Change,” it’s the time required to complete an air change within a given space

CFM: The Cubic Feet per Minute of air moved by a fan

Circulation: Moving air within an area

CPH: Changes of Air Per Hour

FPM: Feet Per Minute. The distance air travels in one minute

HP/Horse Power: The mechanical measurement of a motor’s power

MPC: Minutes Per air Change

RPM: Revolutions Per Minute

SP/Static Pressure: The resistance to flow in any air moving system. Fans are rated CFM at various static pressure

TEAO: Totally Enclosed Air Over

TENV: Totally Enclosed Non Vented

Velocity: The speed, expressed in FPM (feet per minute) of air

XP: Explosion Proof

FAN TYPES

Direct Drive: A fan configuration where the impeller is mounted directly to the motor shaft, providing compact design, high mechanical efficiency, and minimal maintenance.

Belt Drive: A fan system that uses belts and pulleys to transfer power from the motor to the impeller, allowing adjustable speeds and flexible airflow performance. Less noise at lower CFM & RPM.

Exhaust Fans: Designed to remove contaminated, heated, or moisture-laden air from a space to create negative pressure and improve air quality.

Intake Fans: Engineered to introduce fresh outside air into a building, creating positive pressure and supporting balanced ventilation.

Wall-Mount: Designed for installation through a vertical wall to provide direct ventilation between interior and exterior spaces.

Roof-Mount: A fan installed on the roof to discharge or supply air vertically while protecting the building envelope from weather intrusion.

AMF POWDER COATING

Our powder coat finish is engineered as a performance grade protective system. We utilize a premium, high-durability powder coat formulation specifically selected for its superior resistance to abrasion, corrosion, humidity exposure, and chemical attack. The result is a dense, uniform finish that forms a tougher protective barrier than conventional liquid coatings.

Unlike wet paint systems, which rely on solvent evaporation and can produce thinner, less consistent film builds, our powder coat process creates a thermally bonded finish that delivers exceptional adhesion and long-term surface integrity. This translates to improved scratch resistance during handling and installation, enhanced protection in corrosive or high-moisture environments, and greater overall lifecycle durability.

The difference is more than aesthetic. It’s a finish designed to withstand demanding industrial conditions while maintaining color retention and surface quality over time, protecting both the equipment and your investment.



AMERICAN MANUFACTURING

At Airmaster, American manufacturing is more than a principle—it is an operational advantage. Although a limited number of strategic components are globally sourced, our products are engineered, assembled, tested, and produced in our 120,000-square-foot Clarklake, Michigan, facility, using domestic materials wherever possible.

By centralizing production and engineering validation, we maintain tighter quality control and greater security of supply. This localized manufacturing model allows us to respond quickly, control costs, and protect product integrity. Most importantly, it enables one of the fastest time-to-install advantages in the industry. With typical lead times less than half the average, Airmaster products arrive ready when others are still waiting.

Proudly manufacturing in Michigan, we invite you to visit our Clarklake facility to meet our skilled people, see our disciplined processes, and experience the reliable outcomes that define the *Airmaster difference*.





READY-TO-INSTALL VENTILATION UNITS

Factory-built, self-contained units designed for efficient installation through wall or roof openings. Available based on mounting location, drive type, and fan design, making it easy to specify the right solution for any airflow requirement.

WALL-MOUNTED

DIRECT DRIVE MODELS 12

BELT DRIVE MODELS 24

ROOF-MOUNTED

UPBLAST 46

DIRECT DRIVE PROPELLER 50

CENTRIFUGAL 52

GRAVITY RELIEF VENTS 56

SPECIALTY VENTILATION

TUBE AXIAL 58

IN-LINE CENTRIFUGAL
DUCT 74

LOW PRESSURE SHUTTER FAN

EPRSM MODELS 1 Year Warranty

Engineered to deliver reliable, energy-efficient airflow in large-volume spaces where consistent ventilation is essential. Designed for low-static-pressure environments, these airflow-actuated shutters open automatically when the fan is operating and close when airflow stops—requiring no motor or chain actuation. They provide effective air exchange while minimizing operating costs and maintenance requirements. Common applications include manufacturing facilities, warehouses, distribution centers, livestock buildings, greenhouses, and other general-purpose ventilation settings where durability, efficiency, and straightforward installation are critical.



Heavy-Duty
Construction



Ideal for Ag
Applications



OSHA Approved
Rear Guard

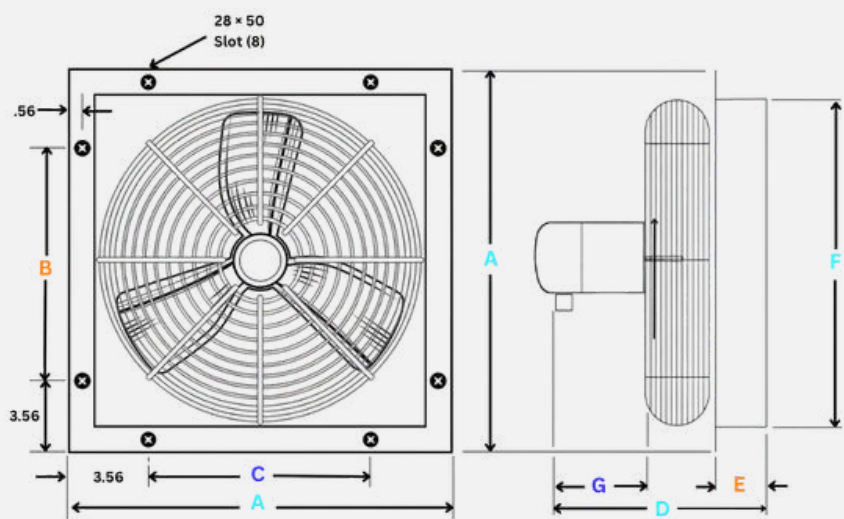


EDP No.	Model No.	Prop Dia.	Panel Size (Square)	Wall Opening (Square)	0" S.P. CFM	½" S.P. CFM	Watts	Motor HP	Volt	F.L. Amp	Max. Sones @ 5'	Ship Wt.
23000	EPRSM7	7"	11 ½"	8 ½"	121	60	--	1/24	115	14	4.8	10
23001	EPRSM10	10"	13 ½"	10 ½"	611	318	56	1/24	115	14	6.6	10
23011*	EPRSM10	10"	13 ½"	11"	496	206	56	1/24	115	0.60	6.6	10
23015*	EPRSM12	12"	15 ½"	12 ½"	956	856	138	1/24	115	1.26	7.6	12
23002	EPRSM12	12"	15 ½"	13"	815	490	138	1/24	115	14	7.6	12
23012*	EPRSM16	16"	19 ½"	16 ½"	1502	1151	142	1/15	115	1.37	8.0	20
23003	EPRSM16	16"	19 ½"	17"	1216	765	142	1/15	115	19	8.0	20
23013*	EPRSM18	18"	21 ½"	19"	1716	1160	145	1/15	115	1.27	8.4	25
23004	EPRSM18	18"	21 ½"	18 ½"	1877	752	145	1/15	115	1.3	8.4	25
23007*	EPRSM20	20"	23 ½"	20 ½"	2235	920	150	1/15	115	1.4	9.0	29
23016*	EPRSM20	20"	23 ½"	20 ½"	1867	1168	150	1/15	115	1.36	9.0	29
23005**	EPRSM24	24"	27 ½"	25"	3214	2015	--	1/4	120	3.5	11.7	48
23008**	EPRSM30	30"	33 ½"	30 ½"	4970	3510	--	1/4	120	3.5	12.0	54

* Models include Plug and Cord. **23005 & 23008 (3-Speed with Pull Chain, Plug, and Cord Included)



DIMENSIONS



Model	A	B	C	D	E	F	G
EPRSM7	11.13	4	4	8.06	2.38	8	3.00
EPRSM10	13.13	6	6	8.06	2.38	10	3.00
EPRSM12	15.13	8	8	8.06	2.38	12	3.00
EPRSM16	19.13	12	12	9.06	2.38	16	4.00
EPRSM18	21.13	14	14	11.00	2.50	18	4.75
EPRSM20	23.13	16	16	11.00	2.50	20	4.75
EPRSM24	27.13	20	20	12.65	3.00	24	5.00
EPRSM30	33.13	26	26	12.65	3.00	30	5.00



LOW PRESSURE ALL-PURPOSE FAN

EPR MODELS 1 Year Warranty

Preferred for general ventilation where large volumes of air must be moved with minimal resistance. Common applications include manufacturing plants, warehouses, distribution centers, equipment rooms, agricultural buildings, maintenance bays, and general exhaust or makeup air in commercial and light industrial facilities. These fans are often used for heat removal, fresh air exchange, and odor control where ducting is short or unrestricted.



Totally Enclosed,
2-Speed, 115V Motor



Low Operating
Cost



Commercial-Duty
Construction



High-Efficiency

ACCESSORIES

EDP No.	Catalog No.	Description
22982	MTR-556 SP	EASR Exhaust Motor Kit (for 9" - 36" Wall Shutters)
80111	Manual Chain Operator	Manual Chain Operator - 1 Panel Exhaust Shutter (for 10" - 36" Supply Shutters)
22900	MK5047-B	WC Supply Duty Motor Kit (for 9" - 36" Supply Shutters)
24852*	Switch	Two Speed Switch for Fan Only
85388*	Switch	Two Speed Switch for Fan & Supply Shutter
24855**	485210	Variable Speed Control
24820	T-1	Thermostat (115V only)

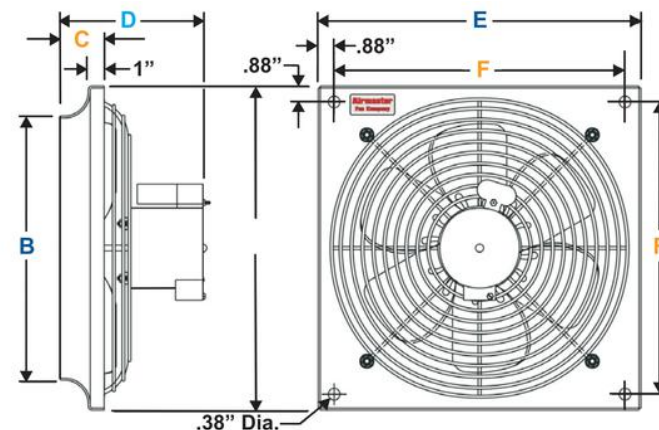
EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in. W.G.						Max. Sones @ 5'	Ship Wt.
					0"	.05"	.10"	.125"	.02"	.250"		
24100**	10EPR16	10"	1/30	1550	630	469	418	394	309	234	5.6	12
24110*	12EPR16	12"	1/30	1550	897	843	754	689	503	378	6.0	14
24120**	16EPR16	16"	1/9	1050	1881	1766	1626	1540	1169	814	8.8	24
24130*	18EPR16	18"	1/9	1050	2504	2345	2149	2035	1553	884	9.5	27

* / ** See Accessories

Note: For Supply Duty add "S" Prefix to EDP Number and use the list price divided by 0.80

For Motorized Shutters Add Motor Kit. Specify voltage needed when ordering. Units are single-phase operation. Specify voltage needed when ordering. If Supply Shutter is remote from fan, it must be motorized.

DIMENSIONS



Prop Dia.	B	C	D	E	F
10"	10.25	1.5	6	14	12.25
12"	12.25	1.5	8	16	14.25
16"	16.5	1.75	9.5	20	18.25
18"	18.5	1.75	10	22	20.25

EPR RECOMMENDED OPTIONAL ACCESSORIES

Used with Catalog No.	Wall Collar		Exhaust Shutter				Supply Shutter				Safety Guards Prop Side (Front)		
	EDP No.	Catalog	Used with Wall Collar		Used without Wall Collar		Used with Wall Collar		Used without Wall Collar		EDP No.	Catalog	Ship Wt.
			EDP No.	Catalog	EDP No.	Catalog	EDP No.	Catalog	EDP No.	Catalog			
10EPR16	06883	WS10	22970	EASRMF10	22971	EASRMF12	22754	WC9	22755	WC10	23060	EPR-10G	3
12EPR16	06884	WS12	22971	EASRMF12	22972	EASRMF14	22755	WC10	22611	WC12	23070	EPR-12G	4
16EPR16	06885	WS16E	22972	EASRMF14	22973	EASRMF18	22611	WC12	22621	WC16	23080	EPR-16G	5
18EPR16	06886	WS18E	22973	EASRMF18	22974	EASRMF20	22621	WC16	22631	WC18	23090	EPR-18G	7

Note: When a WRE or WC shutter is used for exhaust or supply and mounted remotely from the fan, a WS Wall Collar is not needed. The shutter is installed directly on the wall, and a Motor Actuator Kit must be utilized.

EXPLOSION-PROOF DIRECT DRIVE

EXG MODELS 1 Year Warranty

Preferred for use in hazardous or classified environments where flammable gases, vapors, or dust may be present. Common applications include chemical processing facilities, paint booths, solvent handling areas, battery charging rooms, wastewater treatment plants, refineries, pharmaceutical manufacturing, and grain handling operations. These fans are designed to eliminate ignition risk while providing continuous exhaust or dilution airflow.

- 12" and 16" sizes - Explosion Proof Motors Class I, Group D & Class II Groups F & G
- 18" and 24" sizes - Explosion Proof Motors Class I, Group D & Class II Groups E, F & G



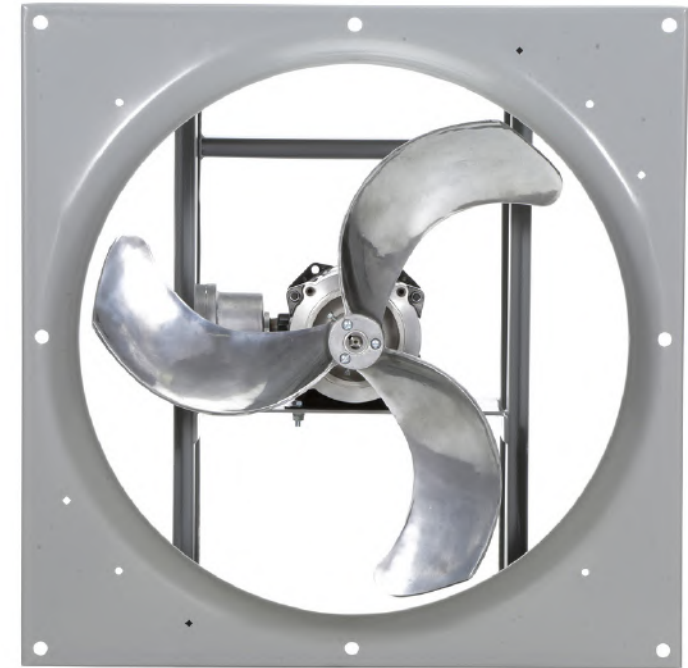
Explosion-Proof
Construction



Spark-Resistant
Aluminum Blades

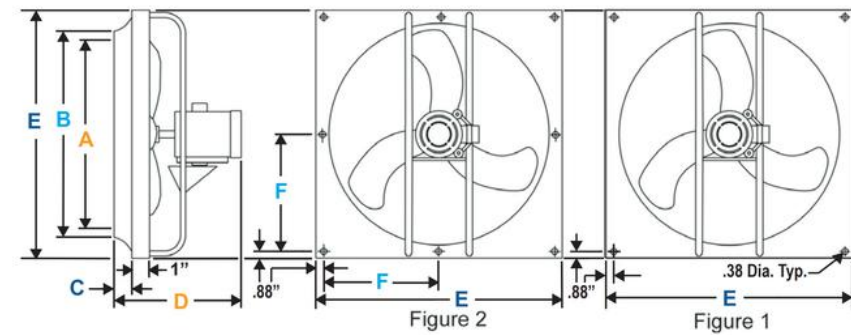


Durable Steel
Housing



EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in. W.G.			Max. Sones @ 5'	Ship Wt.	Motor Voltage Key	
					0"	1/8"	1/4"			1 Phase	115/230V
24350	12EXG16	12"	1/4	1725	970	900	800	6.7	25	3 Phase	230/460V
24360	16EXG16	16"	1/4	1725	2950	2200	1900	17.6	40		
24371	18EXG16A	18"	1/4	1140	2600	2200	1000	10.5	62		
24391	18EBX836A	18"							60		
24381	24EXG16A	24"	1/4	1140	5100	4780	3550	20.6	75		
24401	24EBX836A	24"							90		

Supply Duty are custom orders: non-cancellable, and non-returnable once in production.



Prop Dia.	See Figure	A (Dia.)	B	C	D	E	F	H (Dia.)	Holes
12"	1	12	12.5	1.625	10.625	16	--	.38	4
16"	1	16	16.5	1.875	13.75	22	--	.38	4
18"	1	18	18.5	2	15.5	24	--	.38	4
24"	2	24	24.5	2.5	15.5	30	14.125	.38	8

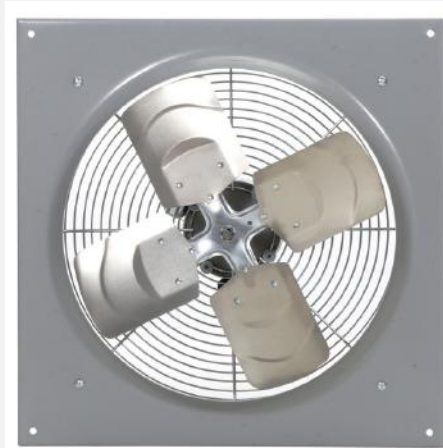
EXG RECOMMENDED OPTIONAL ACCESSORIES

Prop Dia.	Wall Collar		Exhaust Shutter				Supply Shutter				Safety Guards			
	EDP No.	Cat No.	Used with Wall Collar		Used without Wall Collar		Used with Wall Collar		Used without Wall Collar		Prop Side (Front)		Motor Side (Rear)	
			EDP No.	Cat No.	EDP No.	Cat No.	EDP No.	Cat No.	EDP No.	Cat No.	EDP No.	Cat No.	EDP No.	Cat No.
12"	06884	WS12	22971	EASRMF12	22972	EASRMF14	22755	WC10	22611	WC12	23660	12FG	23605	12RG
16"	06886	WS18E	22973	EASRMF18	22973	EASRMF18	22621	WC16	22621	WC16	23665	16FG	23610	16RG
18"	06894	WS18	22974	EASRMF20	22974	EASRMF20	22631	WC18	22631	WC18	23670	18FG	23615	18RG
24"	06887	WS24	22975	EASRMF26	22975	EASRMF26	22641	WC24	22641	WC24	23675	24FG	23620	24RG

Notes: When an EASR or WC shutter is used for exhaust or supply and mounted remotely from the fan, a WS Wall Collar is not needed. The shutter is installed directly on a wall, and a Motor Actuator Kit must be utilized. Weatherhoods are available for the 24" units. WS Wall Collars are shipped knocked down. WC Supply Shutters are not weather-resistant. It is recommended that the WC be used with a weatherhood. See WS Wall Collar Dimensions & Weatherhoods. See EASR and WC shutter selection/installation information, ship weights, and cautions.



30" & 36"



18" & 24"

LOW-PRESSURE INDUSTRIAL DUTY

PD MODELS 1 Year Warranty

Feel confident knowing your facility stays ventilated, safe, and comfortable even in demanding conditions. These fans are designed for factories, mills, foundries, processing plants, composting operations, recycling facilities, and livestock buildings. They provide high airflow with heavy-duty construction for environments with dust, moisture, vibration, or temperature extremes.



Totally Enclosed,
Ball-Bearing Motor



4 Propeller Sizes
Available



Heavy-Duty
Construction

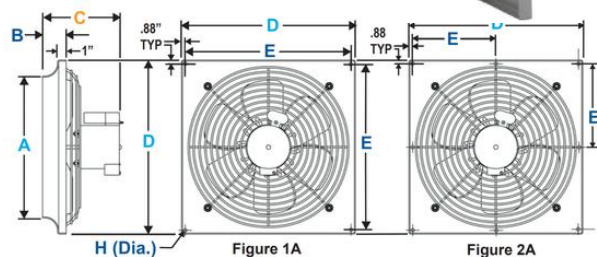


High-Efficiency

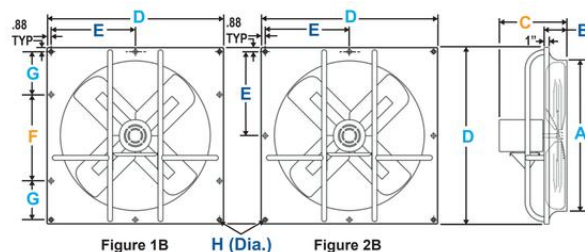
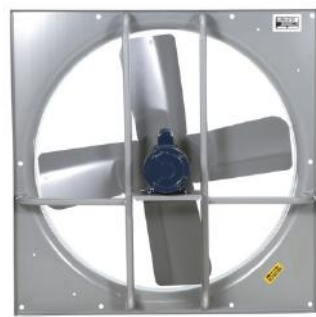
EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in. W.G.				Max. Sones @ 5'	Ship Wt.	Motor Voltage Key		
					0"	1/10"	1/8"	1/4"			1 Phase	2 Speed	115V
24201	PD18T-D3A	18"	1/6	1110	2680	2414	2332	1789	12.0	34	3 Phase	1 Speed	230/460V
24211*	PD24T-E3A*	24"	1/2	870	4860	4360	4270	2800	11.6	56			
24260	PD24T-E8A	24"	1/2	825	4610	4110	4020	2550	11.6	70			
24221	PD30T-G3A	30"	1/2	845	7380	6850	6750	5500	16.7	73			
24270	PD30T-G8	30"	1/2	845	7380	6850	6750	5500	16.7	70			
24231	PD36R-G3A	36"	1/2	840	8664	7814	7545	5916	20.5	95			
24280	PD36R-G8	36"	1/2	840	8664	7814	7545	5916	20.5	95			

* = Not available as Supply Duty. Note: For Supply Duty add "S" Prefix to EDP Number and use the list price divided by 0.80.

18" & 24"



30" & 36"



Prop Dia.	See Figure	A	B	C	D	E	F	G	H	# OF HOLES
18"	1A	18.5	3	9.375	24	22.25	--	--	.38	4
24"	2A	24.5	3.5	15.5	30	14.125	--	--	.62	8
30"	2B	30.5	4.625	13.75	36	17.125	--	--	.62	8
36"	1B	36.5	4.75	12.25	42	20.125	18.25	11	.62	10

PD RECOMMENDED OPTIONAL ACCESSORIES

Prop Dia.	Exhaust Shutter		WS Wall Collar		WC Supply Shutter		Safety Guards			
							Prop Side (Front)		Motor Side (Rear)	
	EDP No.	Catalog No.	EDP No.	Catalog No.	EDP No.	Catalog No.	EDP No.	Catalog No.	EDP No.	Catalog No.
18"	22974	EASRMF20	06894	WS18	22631	WC18	23670	18FG	INCLUDED	
24"	22975	EASRMF26	06887	WS24	22641	WC24	23675	24FG	INCLUDED	
30"	22976	EASRMF32	06888	WS30	22651	WC30	23680	30FG	23625	30RG
36"	22977	EASRMF38	06889	WS36	22661	WC36	23685	36FG	23630	36RG

EDP No.	Catalog No.	Description
22982	MTR-556 SP	EASR Exhaust Motor Kit (for 9" - 36" Wall Shutters)
80111	Manual Chain Operator	Manual Chain Operator - 1 Panel Exhaust Shutter (for 10" - 36" Supply Shutters)
22900*	MK5047-B	WC Supply Duty Motor Kit, 120/240V (for 9" - 36" Supply Shutters)
22905*	MK5047-C	WC Supply Duty Motor Kit, 440V (for 9" - 36" Supply Shutters)
24852	Switch	Two Speed Switch for Fan Only
85388	Switch	Two Speed Switch for Fan & Supply Shutter
24820	T-1	Thermostat Control (115V only)

HIGH-PRESSURE, HIGH-VELOCITY

HV & HVEX MODELS 1 Year Warranty

Typical Uses: Systems that must overcome heavy resistance or push air through long or complex duct runs. These fans are used in industrial exhaust systems, fume capture hoods, dust collection systems, oven and dryer exhaust, process ventilation, and applications requiring air to be transported long distances. They are also used in manufacturing plants, foundries, and heavy industrial facilities where airflow must be forced through filters, ductwork, or air-cleaning equipment.

Explosion-proof motors are Class I, Group D, and Class II, Groups F and G. UL Listed.



Totally Enclosed Motor



Ready-to-Install



Spark Resistant Aluminum Blades on
Explosion-Proof Models



HV MODELS - TOTALLY ENCLOSED MOTORS

EDP No.	Catalog No.	Prop Dia.	Motor HP	RPM	Capacity (CFM) @ "SP in. W.G.					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
25300	H12V76-1	12"	1/6	1750	1480	1360	1220	886	734	10.7	28
25305	H16V76-1	16"	1/2	1750	2700	2590	2390	2100	1740	18.5	44
25310	H16V836-1	16"									39
25315	H18V76-1	18"	1/2	1750	3900	3780	3575	3280	2880	23.0	46
25320	H18V836-1	18"									42
25335	H24V76-2	24"	1	1750	6860	6560	6240	5900	5426	35.4	88
25340	H24V836-2	24"									79
25355	H30V76-1	30"	1	1150	9470	8750	8030	7100	5900	29.0	51
25360	H30V836-1	30"									118
25365	H30V836-3	30"	3	1750	14400	13900	13450	13000	12500	60.1	130
25385	H36V836-3	36"	1 1/2	1150	13300	12400	11600	10600	---	37.1	203
25390	H36V836-1	36"	3	1750	16890	16179	15504	14816	14125	80.1	205
25395	H36V836-2	36"	5	1750	20300	19650	19100	18600	17950	76.5	225
25415	H42V836-3	42"	1 1/2	1150	15789	15044	14059	13020	11690	51.8	240
25420	H42V836-1	42"	3	1150	22100	21300	20500	19650	18650	51.3	295
25425	H42V836-2	42"	5	1150	26640	25968	25250	24350	23250	62.3	320
25445	H48V836-3	48"	3	850	27420	25800	24350	22600	---	40.7	315
25450	H48V836-2	48"	7 1/2	1150	37100	35800	34700	33600	32450	70.2	360

Motor Voltage Key

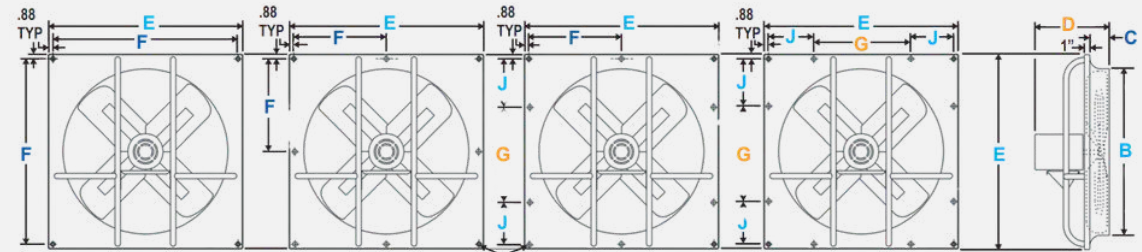
1 Phase 115/230V

3 Phase 230/460V

HVEX MODELS - EXPLOSION PROOF MOTOR

EDP No.	Catalog No.	Prop Dia.	Motor HP	RPM	Capacity (CFM) @ "SP in. W.G.					Max. Sones @ 5'	Ship Wt.	Motor Voltage Key	
					0"	1/8"	1/4"	3/8"	1/2"			1 Phase	115/230V
25325	H18VEX76-1	18"	1/2	1750	3990	3780	3480	3020	2250	23.0	55	3 Phase	230/460V
25330	H18VEX836-1	18"									49		
25345	H24VEX76-2	24"	1	1750	7820	7690	7450	7070	6450	35.4	47		
25350	H24VEX836-2	24"									118		
25370	H30VEX76-1	30"	1	1150	10440	9750	8750	7640	6000	29.0	110		
25375	H30VEX836-1	30"									118		
25380	H30VEX836-3	30"	3	1750	16000	15350	14700	13850	12900	60.1	202		
25400	H36VEX836-3	36"	1½	1150	17620	16500	15200	13620	12300	37.1	203		
25405	H36VEX836-1	36"	3	1750	18500	17700	15700	15100	13900	80.1	205		
25410	H36VEX836-2	36"	5	1750	23000	22150	21100	20200	19000	76.5	225		
25435	H42VEX836-1	42"	3	1150	24500	23150	23000	22000	19650	51.3	275		
*25440	H42VEX836-2	42"	5	1150	28970	27960	26840	25700	24200	62.3	320		
*25460	H48VEX836-2	48"	7½	1150	37000	35000	32800	30600	28000	70.2	360		

Notes: Shutters and Motor Kits are not Explosion-Proof. Do not use speed control with HVEX fans. * = WRHD Heavy-Duty Shutter to be used with 5 and 7½ HP Fans.



Prop Dia.	See Figure	B	C	D		E	F	G	J	H (Dia.)	# OF HOLES
				1 Phase (Max)	3 Phase (Max)						
12"	A	12.25	1.25	10	--	16	14.25	--	--	.38	4
16"	A	16.5	1.75	12	12.25	22	18.25	--	--	.38	4
18"	A	18.5	1.75	10	10	24	22.25	--	--	.38	4
24"	B	24.5	2.5	12	12.25	30	14.12	--	--	.62	8
30"	B	30.6	3	15	14.75	36	17.12	--	--	.62	8
36"	C	36.5	3.25	15	15.75	42	21.12	20.25	10	.62	10
42"	D	42.5	3.25	--	20	48	--	20.25	13	.62	12
48"	D	48.5	3.25	--	22.5	54	--	20.25	16	.62	12

HV & HVEX ACCESSORIES

Recommended Optional Accessories for Fans with Totally Enclosed Motors & Explosion-Proof Motors

Exhaust Shutter Manual Chain Operator

EDP No.	Catalog No.	Description
80111	Manual Chain Operator	For EASR 1 Panel Shutter
80112	Manual Chain Operator	For EASR 2 Panel Shutters

Motor Kits

EDP No.	Catalog No.	Description
22982	MTR-556 SP	120/240V, for 10"-32" Exhaust Shutters
22983	MTR-556 DP	120/240V, for 36"-48" Exhaust Shutters
22984	MTP-885 DP	120/240V, for 56"-62" Exhaust Shutters
22900	MK5047-B	120/240V, for 9"-30" Supply Shutters
22905	MK5047-C	440V, for 9"-30" Supply Shutters
22908	MK5047-E	550V, for 9"-30" Supply Shutters
22910	MK4782-F	120/420V, for 36"-54" Supply Shutters
22915	MK4782-C	440V, for 36"-54" Supply Shutters
22918	MK4782-E	550V, for 36"-54" Supply Shutters

Optional Weatherhoods

EDP No.	Catalog No.	Ship Wt.
99915	WH24	67
99916	WH30	168
99917	WH36	206
99921	WH42	231
99923	WH48	303

Notes: Shutter Motor Kits must not be used in explosion-proof applications. The shutter motors are not rated for hazardous locations and are incompatible with explosion-proof fan motors. WC Supply Shutters are not weather-resistant; the use of a weatherhood is recommended for outdoor applications. 48" & 54" shutters are double-panel type; 60" shutters are 3-panel type. Weatherhoods are available in sizes 24"-48".

Please specify voltage needed when ordering.
All units are for single phase operation.

HV & HVEX ACCESSORIES

Recommended Optional Accessories for Fans with Totally Enclosed Motors & Explosion-Proof Motors

Prop Dia.	Wall Collar		Exhaust Shutter				Supply Shutter				Safety Guards			
	EDP No.	Cat No.	Used with Wall Collar		Used without Wall Collar		Used with Wall Collar		Used without Wall Collar		Prop Side (Front)		Motor Side (Rear)	
			EDP No.	Cat No.	EDP No.	Cat No.	EDP No.	Cat No.	EDP No.	Cat No.	EDP No.	Cat No.	EDP No.	Cat No.
12"	06884	WS12	22971	EASRMF12	22972	EASRMF14	22755	WC10	22611	WC12	23660	12FG	23605	12RG
16"	06886	WS18E	22973	EASRMF18	22973	EASRMF14	22621	WC16	22621	WC16	23665	16FG	23610	16RG
18"	06894	WS18	22974	EASRMF20	22974	EASRMF20	22631	WC18	22631	WC18	23670	18FG	23615	18RG
24"	06887	WS24	22975	EASRMF24	22975	EASRMF24	22631	WC24	22631	WC24	23675	24FG	23620	24RG
30"	06888	WS30	22976	EASRMF30	222976	EASRMF30	22651	WC30	22651	WC24	23680	30FG	23625	30RG
36"	06889	WS36	22977	EASRMF36	22977	EASRMF36	22661	WC36	22661	WC36	23685	36FG	23630	36RG
42"	06890	WS42	22978	EASRMF44	22978	EASRMF44	22671	WC42	22671	WC42	23690	42FG	23635	42RG
48"	06891	WS48	22979	EASRMF50	22978	EASRMF50	22681	WC48	22681	WC48	23695	48FG	23640	48RG

Note: When an EASR-MF or WC shutter is used for exhaust or supply and mounted remotely from the fan, a WS Wall Collar is not needed. The shutter is installed directly on the wall, and a Motor Actuator Kit must be utilized. EASR-MF44 and EASR-MF50 are two-panel construction.

CABINET FAN WITH AUTO SHUTTERS

CWF MODELS 1 Year Warranty

These fans are most commonly used in poultry houses, livestock barns, agricultural buildings, mechanical rooms, manufacturing spaces, boiler rooms, and general facility exhaust spaces where weather protection, backdraft prevention, and controlled airflow are required. Automatic shutters prevent air infiltration when the fan is off, improving energy efficiency and maintaining indoor conditions.

- 115V, 115/230V, 1-Phase & 230/460V, 3-Phase Motors
- Explosion Proof Motor Class I Group D; Class II, Groups F & G
- Aluminum Shutters, Inlet Guard, Ball Bearing Motor



Quiet, Belt Driven
System



Fully Assembled,
Ready-to-Install

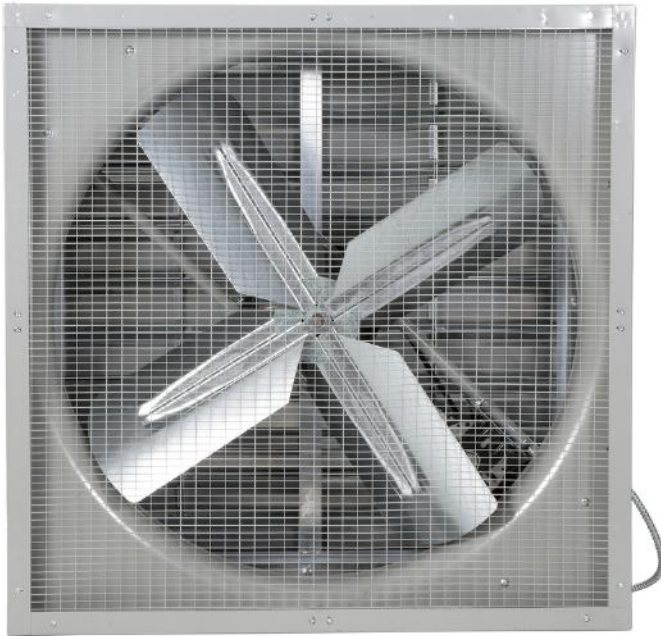
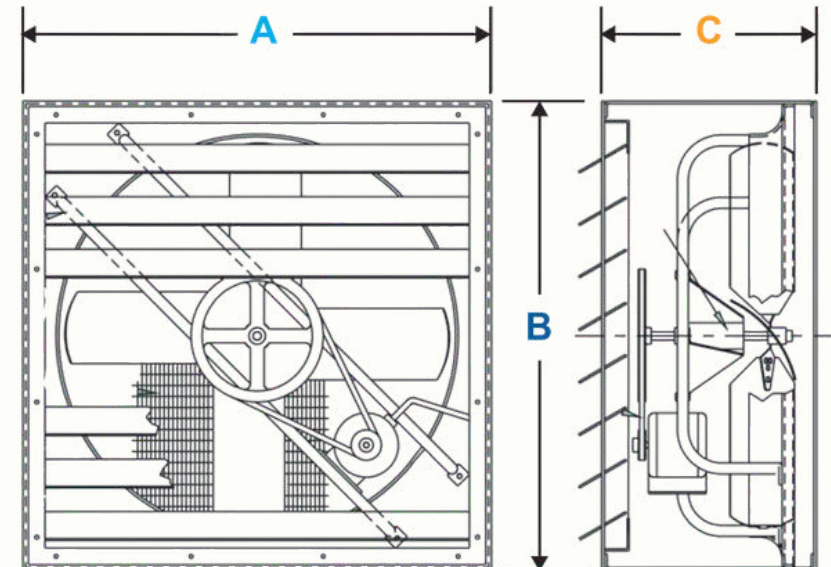


Heavy-Gauge Galvanized
Steel Housing



High-Efficiency
Automatic Shutters

DIMENSIONS



OPEN DRIP PROOF (ODP), 115V, 1-PHASE

EDP No.	Catalog No.	Prop Dia.	HP	RPM	Capacity (CFM) @ "SP in. W.G.			Cabinet Size			Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	A	B	C		
39220	CWF-30-2A	30"	1/2	574	6066	3370	2714	36.5"	36.5"	22"	10.99	139
39230	CWF-36-2A	36"	1/2	415	8143	4044	2814	42.5"	42.5"	22"	9.5	150
39240	CWF-42-3A	42"	3/4	413	11039	5950	5397	48.5"	48.5"	22"	12.6	275
39250	CWF-48-4A	48"	1	372	14970	10509	7084	54.5"	54.5"	22"	12.5	310

TOTALLY ENCLOSED FAN COOLED MOTOR (TEFC), 115/230V, 1-PHASE

EDP No.	Catalog No.	Prop Dia.	HP	RPM	Capacity (CFM) @ "SP in. W.G.			Cabinet Size			Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	A	B	C		
39236	CWF-36-3A5TE	36"	3/4	415	8143	4044	2814	42.5"	42.5"	25"	9.5	177
39257	CWF-48-4A1E	48"	1	372	14970	10509	7084	54.5"	54.5"	25"	12.5	341

TOTALLY ENCLOSED FAN COOLED MOTOR (TEFC), 230/460V, 3-PHASE

EDP No.	Catalog No.	Prop Dia.	HP	RPM	Capacity (CFM) @ "SP in. W.G.			Cabinet Size			Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	A	B	C		
39223	CWF-30-2A3E	30"	1/2	574	6066	3370	2714	36.5"	36.5"	25"	10.9	153
39237	CWF-36-2A3E	36"	1/2	415	8143	4044	2814	42.5"	42.5"	25"	9.5	181
39247	CWF-42-3A3E	42"	3/4	413	11039	5950	5397	48.5"	48.5"	25"	12.6	297
39255	CWF-48-4A3E	48"	1	372	14970	10509	7084	54.5"	54.5"	25"	12.5	341

EXPLOSION-PROOF MOTOR (EXP), 115/230V, 1-PHASE

EDP No.	Catalog No.	Prop Dia.	HP	RPM	Capacity (CFM) @ "SP in. W.G.			Cabinet Size			Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	A	B	C		
39225	CWF-30-2A1X	30"	1/2	574	6066	3370	2714	36.5"	36.5"	25"	10.9	168
39234	CWF-36-2A1X	36"	1/2	415	8143	4044	2814	42.5"	42.5"	25"	9.5	181
39241	CWF-42-3A1X	42"	3/4	413	11039	5950	5397	48.5"	48.5"	25"	12.6	317
39246	CWF-48-4A1X	48"	1	372	14970	10509	7084	54.5"	54.5"	25"	12.5	353

LOW PRESSURE EXHAUST FAN

PB MODELS 1 Year Warranty

Typical Uses: Large-volume ventilation with light to moderate resistance where long service life and performance flexibility are important.

These fans are used in warehouses, production areas, agricultural facilities, equipment rooms, and general building exhaust, handling large spaces with ease and maintaining optimal airflow. The belt drive allows speed adjustment and easier maintenance, making them ideal for continuous-duty ventilation systems.



Higher Torque and Adjustable Speed



Mounted Motor and Drive



Fully Assembled, Ready-to-Install



Continuous Duty Ventilation



EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP		Max. Sones @ 5'	Ship Wt.	Motor Voltage Key	
					0"	1/8"			1 Phase	115/230V
25602	PB24RA-F1A	24"	1/3	710	4973	3862	10.21	53	3 Phase	230/460V
25612	PB24RA-G1A	24"	1/2	850	5953	5001	14.2	55		
25811	PB24RA-G8A	24"	1/2	850	5953	5001	14.2	59		
25622	PB30RA-F1A	30"	1/3	510	7012	5163	9	60		
25632	PB30RA-G1A	30"	1/2	600	8249	6720	11.7	64		
25831	PB30RA-G8A	30"	1/2	600	8249	6720	11.7	59		
25652	PB36RA-F1A	36"	1/3	375	9048	6980	8.5	69		
25662	PB36RA-G1A	36"	1/2	440	10616	8120	11.5	72		
25861	PB36RA-G8A	36"	1/2	440	10616	8120	11.5	69		
25682	PB42R-F1A	42"	1/3	340	10808	6812	8.4	97		
25692	PB42RA-G1A	42"	1/2	386	12271	9304	10.8	100		
25891	PB42RA-G8A	42"	1/2	386	12271	9304	10.8	98		
25702	PB42RA-H3A	42"	3/4	445	14146	11672	14	109		
25712	PB42RA-J3A	42"	1	495	15736	13568	16.8	107		
25911	PB42RA-I8A	42"	1	495	15736	13568	16.8	105		
25722	PB48RA-G1A	48"	1/2	320	14609	10154	10.1	110		
25921	PB48RA-G8A	48"	1/2	320	14609	10154	10.1	112		
25732	PB48RA-H3A	48"	3/4	370	16891	13393	15	115		
25742	PB48RA-J3A	48"	1	406	18535	15457	16.8	125		
25941	PB48RA-I8A	48"	1	406	18535	15457	16.8	127		

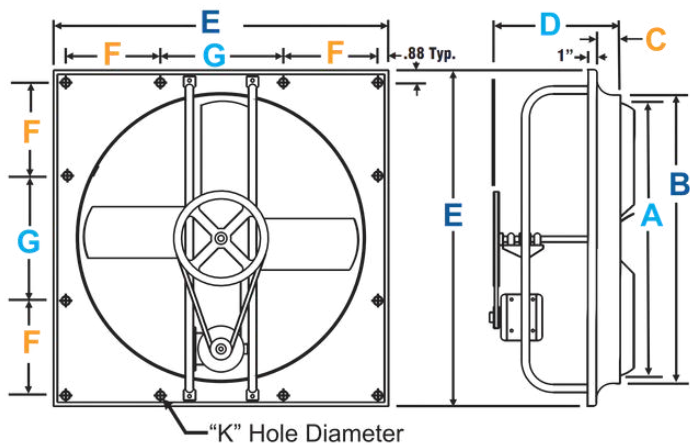


FIGURE 1

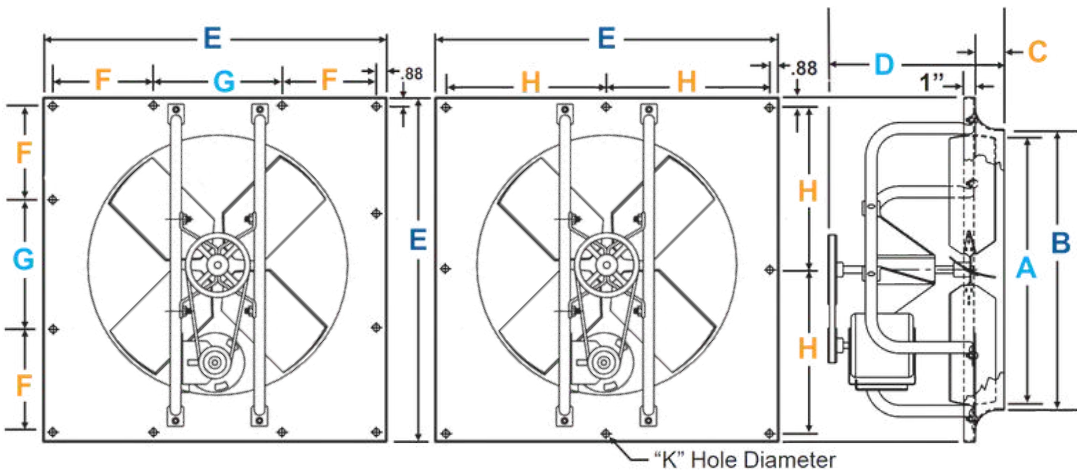


FIGURE 3

FIGURE 2



DIMENSIONS

Prop Dia.	See Figure	A	B	C	D	E	F	G	H	K	# OF HOLES
24"	2	24	24.5	2.5	17.875	30	--	--	14.12	0.62	8
30"	2	30	30.5	3.63	18.375	36	--	--	17.12	0.62	8
36"	3	36	36.5	3.5	18.625	42	10	20.25	--	0.62	12
42"	1	42	42.5	3.25	24.75	48	13	20.25	--	0.62	12
48"	1	48	48.5	3.25	24.75	54	16	20.25	--	0.62	12

HIGH-PRESSURE, BELT DRIVEN

HA MODELS 1 Year Warranty

Typical Uses: High-static-pressure environments requiring continuous duty and adjustable performance.

Common applications include industrial exhaust systems, air handling units, large ducted systems, filtration systems, and process ventilation in manufacturing plants, food processing facilities, and heavy industrial operations. The belt drive allows airflow to be tuned for changing system demands or future expansion.



Precision-Balanced
Propeller



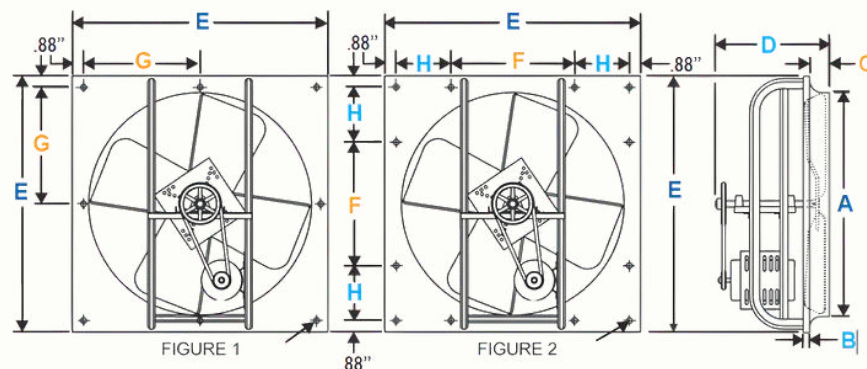
Epoxy Coated



Available for
Exhaust or Supply



DIMENSIONS



Model	See Figure	A	B	C	D	E	F	G	H	# OF HOLES
HA24	1	24.437	1	2.5	15.187	30	--	14.125	--	8
HA30	1	30.5	1	2.625	18.625	36	--	17.125	--	8
HA36	1	36.5	1.5	3.25	19.125	42	--	20.125	--	8
HA42	2	42.5	2	3.25	23.75	48	18.25	--	14	12
HA48	2	48.5	2	3.25	24.875	54	18.25	--	17	12
HA54	2	54.5	2	3.25	23.437	60	18.25	--	20	12
HA60	2	60.5	2	3.25	23.437	66	18.25	--	23	12

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.	See Page
					0"	1/8"	1/4"	3/8"	1/2"			
HA24CA	24"	1/4	746	0.28	4398	3745	---	---	---	12.4	70	31
HA24DA	24"	1/3	805	0.37	4746	4210	2885	---	---	12.9	80	31
HA24FA	24"	1/2	980	0.64	5778	5409	4617	---	---	18.4	85	31
HA24HA	24"	3/4	1080	0.86	6367	6049	5502	4428	---	22.6	92	32
HA24JA	24"	1	1180	1.14	6957	6674	6257	5453	4462	26.3	111	32
HA24KA	24"	1½	1340	1.63	7900	7658	7349	6867	6067	34	121	32
HA30DA	30"	1/3	530	0.36	6518	4821	2680	---	---	8.8	98	33
HA30FA	30"	1/2	640	0.55	7871	6735	4669	---	---	12.8	103	33
HA30HA	30"	3/4	730	0.85	8978	8080	6439	4690	---	19.3	108	33
HA30JA	30"	1	820	1.14	10085	9333	8114	6425	---	20.8	127	34
HA30KA	30"	1½	930	1.67	11438	10804	9913	8579	7089	28.2	136	34
HA36FA	36"	1/2	561	0.56	9720	8211	5602	---	---	14	122	34
HA36HA	36"	3/4	650	0.83	11262	10143	7951	---	---	18.1	128	35
HA36JA	36"	1	720	1.1	12475	11533	9805	---	---	21.8	148	35
HA36KA	36"	1½	820	1.65	14207	13429	12223	10377	---	26.3	157	35
HA36MA	36"	2	890	2.15	15420	14721	13739	12219	10464	30.3	172	36
HA42FA	42"	1/2	410	0.58	12797	9882	---	---	---	12	169	36
HA42HA	42"	3/4	453	0.83	14139	11686	7833	---	---	14.4	170	36
HA42JA	42"	1	500	1.08	15606	13517	10254	---	---	17.1	215	37
HA42KA	42"	1½	583	1.66	18197	16533	14113	---	---	21.1	225	37

CONTINUED ON PAGE 30

CONTINUED FROM PAGE 29

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.	See Page
					0"	1/8"	1/4"	3/8"	1/2"			
HA42MA	42"	2	635	2.2	19820	18339	16298	13666	---	24.8	235	37
HA42OA	42"	3	725	3.28	22629	21378	19787	17760	15381	31.8	255	38
HA48HA	48"	3/4	395	0.86	17392	14182	---	---	---	15.9	223	38
HA48JA	48"	1	420	1.13	18493	15544	10953	---	---	16.6	225	38
HA48KA	48"	1½	485	1.67	21335	18883	15665	---	---	23.4	230	39
HA48MA	48"	2	535	2.31	23568	20648	18132	14264	---	26.1	245	39
HA48OA	48"	3	610	3.43	26558	24896	22832	20205	---	35.5	265	39
HA48PA	48"	5	690	4.79	30381	28610	26909	24888	22419	53.9	285	40
HA54JA	54"	1	301	1.11	21524	17049	8814	---	---	12.6	310	40
HA54KA	54"	1½	353	1.65	25243	21902	15939	---	---	16.2	313	40
HA54MA	54"	2	383	2.2	27388	24450	19521	12944	---	18.7	320	41
HA54OA	54"	3	437	3.31	31250	28802	25241	20099	14178	23.4	370	41
HA54PA	54"	5	527	5.5	37686	35717	33353	30099	25907	31.8	385	41
HA54QA	54"	7½	600	8.13	42906	41174	39308	36935	33896	41.4	455	42
HA60KA	60"	1½	295	1.64	28923	24368	16985	---	---	22.1	395	42
HA60MA	60"	2	328	2.2	32158	28269	22401	---	---	26.1	400	42
HA60OA	60"	3	373	3.29	36570	33294	28826	22824	---	30.3	450	43
HA60PA	60"	5	447	5.5	43825	41170	38024	33975	---	44.3	465	43
HA60QA	60"	7½	510	8.18	50002	47680	45165	42090	38385	57.2	535	43
HA60RA	60"	10	570	11.31	55885	53786	51667	49180	46262	68.5	555	44

HA MODELS & ACCESSORIES

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	24"	1/4	746	0.28	4398	3745	---	---	---	12.4	70
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42506	230/460	1	1	TE		Exhaust Shutter		22975	EASRMF-26	
HA24CA	95100	---	---	---	Less Motor & Drive		Supply Shutter		22641	WC24	
							Wall Collar		06887	WS24	
							Rear Safety Guard		23620	24RG	
						Front Safety Guard		23675	24FG		
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	24"	1/3	805	0.37	4746	4210	2885	---	---	12.9	80
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42518	115/230	1	1	TE		Exhaust Shutter		22975	EASRMF-26	
HA24DA	42521	230/460	3	1	TE		Supply Shutter		22641	WC24	
	95100	---	---	---	Less Motor & Drive		Wall Collar		06887	WS24	
							Rear Safety Guard		23620	24RG	
						Front Safety Guard		23675	24FG		
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	24"	1/2	980	0.64	5778	5409	4617	---	---	18.4	85
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42539	115/230	1	1	TE		Exhaust Shutter		22975	EASRMF-26	
HA24FA	42542	230/460	3	1	TE		Supply Shutter		22641	WC24	
	95100	---	---	---	Less Motor & Drive		Wall Collar		06887	WS24	
							Rear Safety Guard		23620	24RG	
						Front Safety Guard		23675	24FG		

HA MODELS & ACCESSORIES CONTINUED FROM PAGE 31

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	24"	3/4	1080	0.86	6367	6049	5502	4428	---	22.6	92
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42554	115/230	1	1	TE		Exhaust Shutter		22975	EASRMF-26	
HA24HA	42557	230/460	3	1	TE		Supply Shutter		22641	WC24	
	95100	---	---	---	Less Motor & Drive		Wall Collar		06887	WS24	
							Rear Safety Guard		23620	24RG	
							Front Safety Guard		23675	24FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	24"	1	1180	1.14	6957	6674	6257	5453	4462	26.3	111
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42569	115/230	1	1	TE		Exhaust Shutter		22975	EASRMF-26	
HA24JA	42572	230/460	3	1	TE		Supply Shutter		22641	WC24	
	95100	---	---	---	Less Motor & Drive		Wall Collar		06887	WS24	
							Rear Safety Guard		23620	24RG	
							Front Safety Guard		23675	24FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	24"	1½	1340	1.63	7900	7658	7349	6867	6067	34	121
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42584	115/230	1	1	TE		Exhaust Shutter		22975	EASRMF-26	
HA24KA	42587	230/460	3	1	TE		Supply Shutter		22641	WC24	
	95100	---	---	---	Less Motor & Drive		Wall Collar		06887	WS24	
							Rear Safety Guard		23620	24RG	
							Front Safety Guard		23675	24FG	

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	30"	1/3	530	0.36	6518	4821	2680	---	---	8.8	98
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42596	115/230	1	1	TE		Exhaust Shutter		22976	EASRMF-32	
HA30DA	42599	230/460	3	1	TE		Supply Shutter		22651	WC30	
	95104	---	---	---	Less Motor & Drive		Wall Collar		06888	WS30	
							Rear Safety Guard		23625	30RG	
							Front Safety Guard		23680	30FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	30"	1/2	640	0.55	7871	6735	4669	---	---	12.8	103
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42618	115/230	1	1	TE		Exhaust Shutter		22976	EASRMF-32	
HA30FA	42621	230/460	3	1	TE		Supply Shutter		22651	WC30	
	95104	---	---	---	Less Motor & Drive		Wall Collar		06888	WS30	
							Rear Safety Guard		23625	30RG	
							Front Safety Guard		23680	30FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	30"	3/4	730	0.85	8978	8080	6439	4690	---	19.3	108
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42630	115/230	1	1	TE		Exhaust Shutter		22976	EASRMF-32	
HA30HA	42633	230/460	3	1	TE		Supply Shutter		22651	WC30	
	95104	---	---	---	Less Motor & Drive		Wall Collar		06888	WS30	
							Rear Safety Guard		23625	30RG	
							Front Safety Guard		23680	30FG	

HA MODELS & ACCESSORIES CONTINUED FROM PAGE 33

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	30"	1	820	114	10085	9333	8114	6425	---	20.8	127
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42648	115/230	1	1	TE		Exhaust Shutter		22976	EASRMF-32	
HA30JA	42651	230/460	3	1	TE		Supply Shutter		22651	WC30	
	95104	---	---	---	Less Motor & Drive		Wall Collar		06888	WS30	
							Rear Safety Guard		23625	30RG	
							Front Safety Guard		23680	30FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	30"	1½	930	1.67	11438	10804	9913	8579	7089	28.2	136
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42666	115/230	1	1	TE		Exhaust Shutter		22976	EASRMF-32	
HA30KA	42669	230/460	3	1	TE		Supply Shutter		22651	WC30	
	95104	---	---	---	Less Motor & Drive		Wall Collar		06888	WS30	
							Rear Safety Guard		23625	30RG	
							Front Safety Guard		23680	30FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	36"	1/2	561	0.56	9720	8211	5602	---	---	14	122
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42678	115/230	1	1	TE		Exhaust Shutter		22977	EASRMF-38	
HA36FA	42681	230/460	3	1	TE		Supply Shutter		22661	WC36	
	95108	---	---	---	Less Motor & Drive		Wall Collar		06889	WS36	
							Rear Safety Guard		23630	36RG	
							Front Safety Guard		23685	36FG	

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	36"	3/4	650	0.83	11262	10143	7951	---	---	18.1	128
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42696	115/230	1	1	TE		Exhaust Shutter		22977	EASRMF-38	
HA36HA	42699	230/460	3	1	TE		Supply Shutter		22661	WC36	
	95108	---	---	---	Less Motor & Drive		Wall Collar		06889	WS36	
							Rear Safety Guard		23630	36RG	
							Front Safety Guard		23685	36FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	36"	1	720	1.10	12475	11533	9805	---	---	21.8	148
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42708	115/230	1	1	TE		Exhaust Shutter		22977	EASRMF-38	
HA36JA	42711	230/460	3	1	TE		Supply Shutter		22661	WC36	
	95108	---	---	---	Less Motor & Drive		Wall Collar		06889	WS36	
							Rear Safety Guard		23630	36RG	
							Front Safety Guard		23685	36FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	36"	1½	820	1.65	14207	13429	12223	10377	---	26.3	157
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42732	115/230	1	1	TE		Exhaust Shutter		22977	EASRMF-38	
HA36KA	42735	230/460	3	1	TE		Supply Shutter		22661	WC36	
	95108	---	---	---	Less Motor & Drive		Wall Collar		06889	WS36	
							Rear Safety Guard		23630	36RG	
							Front Safety Guard		23685	36FG	

HA MODELS & ACCESSORIES CONTINUED FROM PAGE 35

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	36"	2	890	2.15	15420	14721	13739	12219	10464	30.3	172
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42753	230/460	3	1	TE		Exhaust Shutter		22977	EASRMF-38	
HA36MA	95108	---	---	---	Less Motor & Drive		Supply Shutter		22661	WC36	
							Wall Collar		06889	WS36	
							Rear Safety Guard		23630	36RG	
							Front Safety Guard		23685	36FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	42"	1/2	410	0.58	12797	9882	---	---	---	12.0	169
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42762	115/230	1	1	TE		Exhaust Shutter		22978	EASRMF-44	
HA42FA	42765	230/460	3	1	TE		Supply Shutter		22671	WC42	
	95112	---	---	---	Less Motor & Drive		Wall Collar		06890	WS42	
							Rear Safety Guard		23635	42RG	
							Front Safety Guard		23690	42FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	42"	3/4	453	0.83	14139	11686	7833	---	---	14.4	170
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42774	115/230	1	1	TE		Exhaust Shutter		22978	EASRMF-44	
HA42HA	42777	230/460	3	1	TE		Supply Shutter		22671	WC42	
	95112	---	---	---	Less Motor & Drive		Wall Collar		06890	WS42	
							Rear Safety Guard		23635	42RG	
							Front Safety Guard		23690	42FG	

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	42"	1	500	1.08	15606	13517	10254	---	---	17.1	215
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42786	115/230	1	1	TE		Exhaust Shutter		22978	EASRMF-44	
HA42JA	42789	230/460	3	1	TE		Supply Shutter		22671	WC42	
	95112	---	---	---	Less Motor & Drive		Wall Collar		06890	WS42	
							Rear Safety Guard		23635	42RG	
							Front Safety Guard		23690	42FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	42"	1½	583	1.66	18197	16533	14113	---	---	21.1	225
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42807	115/230	1	1	TE		Exhaust Shutter		22978	EASRMF-44	
HA42KA	42810	230/460	3	1	TE		Supply Shutter		22671	WC42	
	95112	---	---	---	Less Motor & Drive		Wall Collar		06890	WS42	
							Rear Safety Guard		23635	42RG	
							Front Safety Guard		23690	42FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	42"	2	635	2.20	19820	18339	16298	13666	---	24.8	235
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42816	230/460	3	1	TE		Exhaust Shutter		22978	EASRMF-44	
HA42MA	95112	---	---	---	Less Motor & Drive		Supply Shutter		22671	WC42	
							Wall Collar		06890	WS42	
							Rear Safety Guard		23635	42RG	
							Front Safety Guard		23690	42FG	

HA MODELS & ACCESSORIES CONTINUED FROM PAGE 37

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	42"	3	725	3.28	22629	21378	19787	17760	15381	31.8	255
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42825	230/460	3	1	TE		Exhaust Shutter			22978	EASRMF-44
HA42OA	95112	---	---	---	Less Motor & Drive		Supply Shutter			22671	WC42
							Wall Collar			06890	WS42
							Rear Safety Guard			23635	42RG
							Front Safety Guard			23690	42FG
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	48"	3/4	395	0.86	17392	14182	---	---	---	15.9	223
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42834	115/230	1	1	TE		Exhaust Shutter			22979	EASRMF-50
HA48HA	42837	230/460	3	1	TE		Supply Shutter			22681	WC48
	95116	---	---	---	Less Motor & Drive		Wall Collar			06891	WS48
							Rear Safety Guard			23640	48RG
							Front Safety Guard			23695	48FG
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	48"	1	420	1.13	18493	15544	10953	---	---	16.6	225
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42846	115/230	1	1	TE		Exhaust Shutter			22979	EASRMF-50
HA48JA	42849	230/460	3	1	TE		Supply Shutter			22681	WC48
	95116	---	---	---	Less Motor & Drive		Wall Collar			06891	WS48
							Rear Safety Guard			23640	48RG
							Front Safety Guard			23695	48FG

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	48"	1 ½	485	167	21335	18883	15665	---	---	23.4	230
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42861	115/230	1	1	TE		Exhaust Shutter		22979	EASRMF-50	
HA48KA	42864	230/460	3	1	TE		Supply Shutter		22681	WC48	
	95116	---	---	---	Less Motor & Drive		Wall Collar		06891	WS48	
							Rear Safety Guard		23640	48RG	
							Front Safety Guard		23695	48FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	48"	2	535	2.31	23556	20848	18132	14264	---	26.1	245
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42876	230/460	3	1	TE		Exhaust Shutter		22979	EASRMF-50	
HA48MA	95116	---	---	---	Less Motor & Drive		Supply Shutter		22681	WC48	
							Wall Collar		06891	WS48	
							Rear Safety Guard		23640	48RG	
							Front Safety Guard		23695	48FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	48"	3	610	3.43	26858	24896	22832	20205	---	35.5	265
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42891	230/460	3	1	TE		Exhaust Shutter		22979	EASRMF-50	
HA48OA	95116	---	---	---	Less Motor & Drive		Supply Shutter		22681	WC48	
							Wall Collar		06891	WS48	
							Rear Safety Guard		23640	48RG	
							Front Safety Guard		23695	48FG	

HA MODELS & ACCESSORIES CONTINUED FROM PAGE 39

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	48"	5	690	4.79	30381	28610	26909	24888	22419	53.9	285
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42903	230/460	3	1	TE		Exhaust Shutter			22747	WRHD48
HA48PA	95116	---	---	---	Less Motor & Drive		Supply Shutter			22681	WC48
							Wall Collar			06891	WS48
							Rear Safety Guard			23640	48RG
							Front Safety Guard			23695	48FG
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	54"	1	301	1.11	21524	17049	8814	---	---	12.6	310
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42915	115/230	1	1	TE		Exhaust Shutter			22980	EASRMF-56
HA54JA	42918	230/460	3	1	TE		Supply Shutter			22691	WC54
	95120	---	---	---	Less Motor & Drive		Wall Collar			06892	WS54
							Rear Safety Guard			23645	54RG
							Front Safety Guard			23700	54FG
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	54"	1 ½	353	1.65	25243	21902	15939	---	---	16.2	313
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42927	115/230	1	1	TE		Exhaust Shutter			22980	EASRMF-56
HA54KA	42930	230/460	3	1	TE		Supply Shutter			22691	WC54
	95120	---	---	---	Less Motor & Drive		Wall Collar			06892	WS54
							Rear Safety Guard			23645	54RG
							Front Safety Guard			23700	54FG

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	54"	2	383	2.20	27388	24450	19521	12944	---	18.7	320
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42936	230/460	3	1	TE		Exhaust Shutter			22980	EASRMF-56
HA54MA	95120	---	---	---	Less Motor & Drive		Supply Shutter			22691	WC54
							Wall Collar			06892	WS54
							Rear Safety Guard			23645	54RG
							Front Safety Guard			23700	54FG
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	54"	3	437	3.31	31250	28802	25241	20099	14178	23.4	370
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42942	230/460	3	1	TE		Exhaust Shutter			22980	EASRMF-56
HA54OA	95120	---	---	---	Less Motor & Drive		Supply Shutter			22691	WC54
							Wall Collar			06892	WS54
							Rear Safety Guard			23645	54RG
							Front Safety Guard			23700	54FG
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	54"	5	527	5.50	37686	35717	33353	30099	25907	31.8	385
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42951	230/460	1	1	TE		Exhaust Shutter			22748	WRHD54
HA54PA	95120	---	---	---	Less Motor & Drive		Supply Shutter			22691	WC54
							Wall Collar			06892	WS54
							Rear Safety Guard			23645	54RG
							Front Safety Guard			23700	54FG

HA MODELS & ACCESSORIES CONTINUED FROM PAGE 41

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	54"	7 ½	600	8.13	42906	41174	39308	36935	33896	41.4	455
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42960	230/460	3	1	TE		Exhaust Shutter			22748	WRHD54
HA54QA	95120	---	---	---	Less Motor & Drive		Supply Shutter			22691	WC54
							Wall Collar			06892	WS54
							Rear Safety Guard			23645	54RG
							Front Safety Guard			23700	54FG
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	60"	1 ½	295	1.64	28923	24368	16985	---	---	22.1	395
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42969	115/230	1	1	TE		Exhaust Shutter			22981	EASRMF-62
HA60KA	42972	230/460	3	1	TE		Supply Shutter			22701	WC60
	95124	---	---	---	Less Motor & Drive		Wall Collar			06893	WS60
							Rear Safety Guard			23650	60RG
							Front Safety Guard			23705	60FG
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	60"	2	328	2.20	32158	28269	22401	---	---	26.1	400
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	42981	230/460	3	1	TE		Exhaust Shutter			22981	EASRMF-62
HA60MA	95124	---	---	---	Less Motor & Drive		Supply Shutter			22701	WC60
							Wall Collar			06893	WS60
							Rear Safety Guard			23650	60RG
							Front Safety Guard			23705	60FG

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	60"	3	373	3.29	36570	33294	28826	22824	---	30.3	450
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	42990	230/460	3	1	TE		Exhaust Shutter		22981	EASRMF-62	
HA60OA	95124	---	---	---	Less Motor & Drive		Supply Shutter		22701	WC60	
							Wall Collar		06893	WS60	
							Rear Safety Guard		23650	60RG	
							Front Safety Guard		23705	60FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	60"	5	447	5.50	43825	41170	38024	33975	---	44.3	465
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	43005	230/460	3	1	TE		Exhaust Shutter		22749	WRHD60	
HA60PA	95124	---	---	---	Less Motor & Drive		Supply Shutter		22701	WC60	
							Wall Collar		06893	WS60	
							Rear Safety Guard		23650	60RG	
							Front Safety Guard		23705	60FG	
Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	60"	7 ½	510	8.18	50002	47680	45165	42090	38385	57.2	535
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories		EDP No.	Catalog No.	
	43017	230/460	1	1	TE		Exhaust Shutter		22749	WRHD60	
HA60QA	95124	---	---	---	Less Motor & Drive		Supply Shutter		22701	WC60	
							Wall Collar		06893	WS60	
							Rear Safety Guard		23650	60RG	
							Front Safety Guard		23705	60FG	

HA MODELS & ACCESSORIES CONTINUED FROM PAGE 43

Catalog No.	Prop Dia.	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
	60"	10	570	11.31	55885	53786	51667	49180	46262	68.5	555
	EDP No.	Volt	Phase	Speed	Motor		Optional Accessories			EDP No.	Catalog No.
	43026	230/460	3	1	TE		Exhaust Shutter			22749	WRHD60
HA60RA	95124	---	---	---	Less Motor & Drive		Supply Shutter			22701	WC60
							Wall Collar			06893	WS60
							Rear Safety Guard			23650	60RG
							Front Safety Guard			23705	60FG

EASR / WC SELECTION / INSTALLATION INFORMATION AND CAUTIONS: The velocity profile near the fan blade tips (spot velocity is non-uniform and will vary by fan model. This spot velocity condition can damage a backdraft damper if it exceeds the maximum recommended backdraft damper velocity. For this reason, it is recommended that the backdraft damper be mounted a minimum of 1/3 the fan diameter away from the fan outlet. It is a good practice to contact the factory when applications have a velocity approaching the maximum allowed, when the fan motor horsepower is 7-1/2HP and above, or when the fan spot velocity is in excess of the backdraft damper's maximum velocity. See page 79 for WRHD Heavy Duty Shutter information. Note: When an EASR or WC Shutter is used for exhaust or supply and mounted remotely from the fan, a WS Wall Collar is not needed. The shutter is installed directly on the wall, and a Motor Actuator Kit must be utilized.

WR HEAVY-DUTY EXHAUST SHUTTERS

EDP No.	Catalog No.	Shutter Size	Number of Panels	Motor Kit (Required number of WRHD)
22746	WRHD42	44" x 44"	2	MK-4621 (1)
22747	WRHD48	50" x 50"	2	MK-4621 (1)
22748	WRHD54	56" x 56"	2	MK-4621 (1)
22749	WRHD60	62" x 62"	3	MK-4620 & MK-4621



ROOF-MOUNTED & SPECIALTY VENTILATION UNITS

ROOF-MOUNTED

UPBLAST	46
DIRECT DRIVE PROPELLER	50
CENTRIFUGAL	52
GRAVITY RELIEF VENTS	56

SPECIALTY VENTILATION

TUBE AXIAL	58
IN-LINE CENTRIFUGAL DUCT	74

UPBLAST PROPELLER ROOF VENTILATOR

DIRECT DRIVE UP MODELS 1 Year Warranty

Direct Drive Model is engineered for reliable general ventilation, efficiently discharging heat, fumes, and moisture high above the roofline while featuring a totally enclosed motor, magnetic-latched aluminum dampers to minimize flutter, a leak-proof welded base with no bolt holes, weatherproof drain trough, rigid bearing bracket with oilite damper bearings, internal condensation drain, and all-metal construction for permanent alignment, rattle-free operation, and simplified installation with lifting lugs on larger units.



All Metal Assembly,
Rattle Free
Operation



Totally Enclosed
Motor



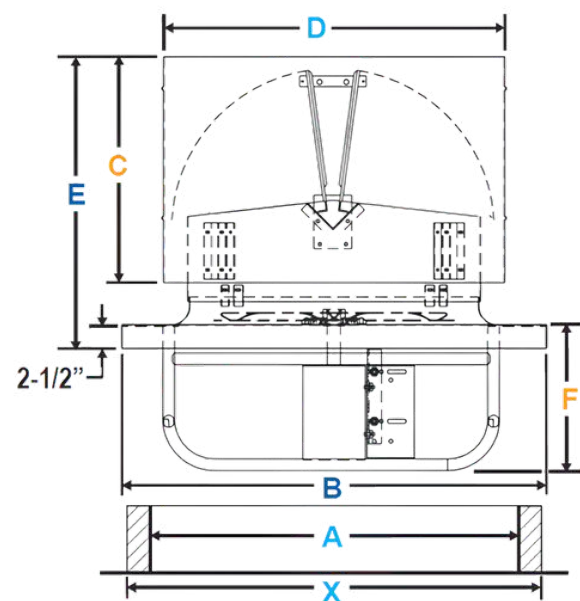
Leak-Proof Base,
No Bolt Holes



Weatherproof
Streamlined Drain
Trough



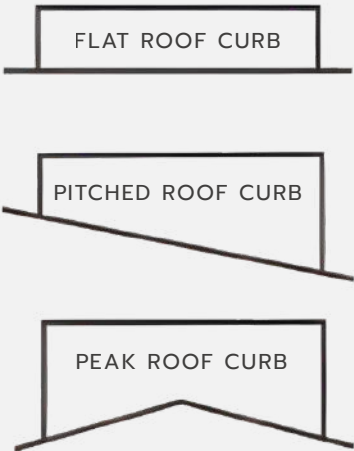
EDP No.	Catalog No.	Prop Dia.	HP	RPM	Capacity (CFM) @ "SP in W.G.			Max BHP	Ship Wt.
					0"	1/8"	1/4"		
30250	UP18H-G3	18"	1/2	1750	3853	3550	3215	0.57	186
30400	UP18H-G8								
30260	UP24H-F3	24"	1/3	1150	4495	3948	---	1.36	230
30410	UP24H-F8								
30270	UP24H-I3	24"	1	1750	6847	6482	6126	0.94	243
30420	UP24H-I8								
30280	UP30H-H3	30"	3/4	1150	9802	8885	7597	0.64	285
30430	UP30H-H8								
30440	UP30H-K8	30"	2	1750	14910	14368	13752	2.25	306
30450	UP36H-I8	36"	1	1150	10194	8961	---	0.70	370
30460	UP36H-L8	36"	3	1750	15500	14640	13840	2.45	419
30470	UP42H-I8	42"	1	850	14640	13222	11985	0.94	500
30480	UP42H-K8	42"	2	1150	17618	16879	16019	1.99	500
30490	UP42H-M8	42"	5	1150	26150	25120	24040	4.35	569
30500	UP48H-K8	48"	2	850	21840	20200	18400	1.76	575
30510	UP48H-M8	48"	5	1150	29500	28300	27100	4.58	646
30520	UP60H-L8	60"	3	850	32200	29775	27550	2.30	775



DIMENSIONS

Prop Dia.	A Min.	B	C	D	E	F	X Max.
18"	24	33	18	24	22	9.25	32
24"	31	39	22	30	26	10.5	38
30"	37	45	25	36	29	14.75	44
36"	43	51	28	42	32	14.75	50
42"	50	57	32	48	36	17.75	56
48"	55	63	34	54	38	18	62
60"	66	75	42	66	46	18	74

ROOF CURBS FOR UP & UPB MODELS



EDP No.	Catalog No.	Prop Dia.	Description	Ship Wt.
31050	PACN31.5-8	18"	31½" x 31½" x 8" Insulated Steel Curb	34
31055	PACN37.5-8	24"	37½" x 37½" x 8" Insulated Steel Curb	39
31060	PACN43.5-8	30"	43½" x 43½" x 8" Insulated Steel Curb	45
31065	PACN49.5-8	36"	49½" x 49½" x 8" Insulated Steel Curb	50
31070	PACN55.5-8	42"	55½" x 55½" x 8" Insulated Steel Curb	60
31075	PACN61.5-8	48"	61½" x 61½" x 8" Insulated Steel Curb	67
31080	PACN73.5-8	60"	73½" x 73½" x 8" Insulated Steel Curb	85

PACN Curbs do not have a Damper Shelf. For dimension data, see page 73. Speed (RPM) in nominal. Performance is based on the test's actual speed. Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses. Pitched Roof Curb price: Flat Roof Curb Price x 1.67. Peaked Roof Curb price: Flat Roof Curb Price x 2.22. For pricing of Pitched or Peaked Roof Curbs greater than 8" in height, consult the factory. Please specify Pitched or Peaked when ordering. Metal roofs: consult the factory for sizing and pricing.

UPBLAST PROPELLER ROOF VENTILATOR

BELT DRIVE UPB MODELS 1 Year Warranty

Belt Drive Model is engineered for dependable general ventilation in commercial and industrial applications. Its belt-driven design allows for adjustable airflow through pulley changes, giving you greater flexibility to fine-tune performance to your specific system requirements. By isolating the motor from the direct airstream, the belt drive configuration also helps reduce heat exposure and can contribute to longer motor life in more demanding environments.



All Metal Assembly,
Rattle Free
Operation



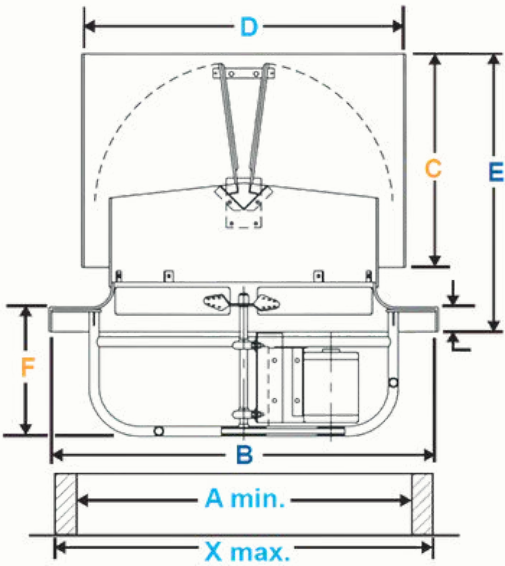
Totally Enclosed
Motor



Leak-Proof Base,
No Bolt Holes



Weatherproof
Streamlined Drain
Trough



DIMENSIONS

Prop Dia.	A Min.	B	C	D	E	F	X Max.
18"	24	33	18	24	22	--	32
24"	31	39	22	30	26	14	38
30"	37	45	25	36	29	14	44
36"	43	51	28	42	32	14	50
42"	50	57	32	48	36	14	56
48"	55	63	34	54	38	15	62
60"	66	75	42	66	46	15	74

EDP No.	Catalog No.	Prop Dia.	HP	RPM	Capacity (CFM) @ "SP in W.G.			Max BHP	Ship Wt.
					0"	1/8"	1/4"		
30600	UPB24R-G3	24"	1/2	985	5652	4967	4152	0.57	270
30850	UPB24R-G8								
30610	UPB24R-H3	24"	3/4	1133	6501	5940	5309	0.74	270
30860	UPB24R-H8								
30620	UPB24R-I3	24"	1	1256	7207	6690	6121	1.01	270
30870	UPB24R-I8								
30630	UPB30R-H3	30"	3/4	773	8870	7900	6493	0.77	330
30880	UPB30R-H8								
30640	UPB30R-I3	30"	1	849	9742	8944	7836	1.02	330
30890	UPB30R-I8								
30650	UPB30R-J3	30"	1 ½	979	11233	10730	9644	1.57	330
30900	UPB30R-J8								
30910	UPB30R-K8	30"	2	1085	12449	12072	11061	2.13	330
30670	UPB36R-I3	36"	1	661	12367	10698	9401	0.97	375
30920	UPB36R-I8								
30680	UPB36R-J3	36"	1 ½	767	14350	13024	11250	1.51	375
30930	UPB36R-J8								
30940	UPB36R-K8	36"	2	857	16033	14810	13804	2.11	375
30950	UPB36R-L8	36"	3	981	18353	17355	16406	3.17	375
30960	UPB36R-M8	36"	5	1172	21927	21057	20291	5.4	375
30720	UPB42R-J3	42"	1 ½	598	17332	15616	13557	1.39	525
30970	UPB42R-J8								
30980	UPB42R-K8	42"	2	670	19418	17958	16174	1.95	525
30990	UPB42R-L8	42"	3	781	22635	21475	19943	3.09	525
31000	UPB42R-M8	42"	5	928	26896	25994	24767	5.18	525
31010	UPB48R-L8	48"	3	633	27124	25307	22865	2.99	600
31020	UPB48R-M8	48"	5	660	30516	28662	26807	3.96	600
31030	UPB60R-L8	60"	3	394	36216	31488	26008	3.04	800
31040	UPB60R-M8	60"	5	473	43478	39543	35691	5.25	800

DIRECT DRIVE PROPELLER ROOFTOP EXHAUST FANS

ARD MODELS 1 Year Warranty

Designed for roof mounting, the ARD series combines expert construction with practical features to make installation and operation simple. The spun aluminum housing and aluminum-bladed propellers ensure long-lasting performance, while integral vibration isolators minimize noise and stress on the structure.



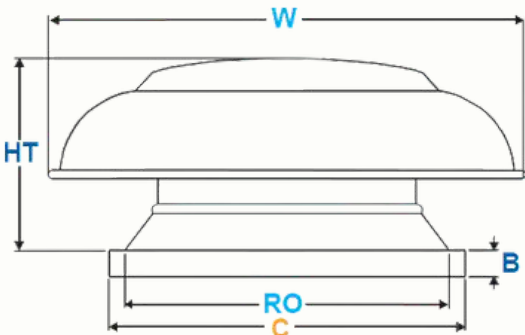
Standard Bird
Screen Protection



Direct Drive Design
Reduces
Maintenance



Aluminum-bladed
Propellers



Prop Dia.	Catalog No.	ARD Dimensions (in.)				
		Ht	W	B	C	RO or WO
10"	ARD100	9"	18"	2"	19"	13"
12"	ARD120	11"	21 1/2"	2"	19"	13"
14"	ARD140	14"	27"	2"	21"	16"
18"	ARD180	16"	34"	2"	26"	20"

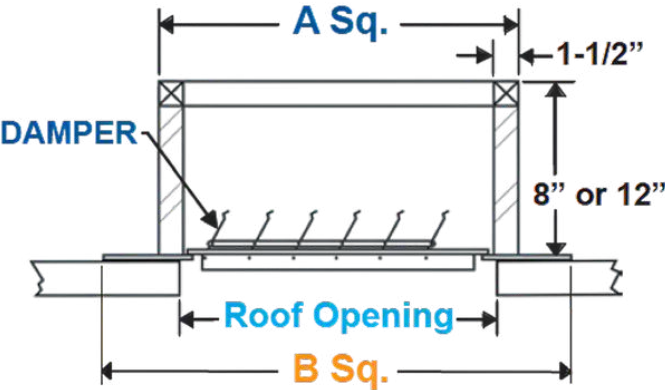


115 V, 1 SPEED, 1-PHASE, OPEN DRIP PROOF (ODP)

EDP No.	Catalog No.	Prop Dia.	HP	RPM	Capacity (CFM) @ "SP in W.G.								Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	
32644	ARD100XB	10"	1/30	1500	525	330	225	140	---	---	---	---	12
32645	ARD120XB	12"	1/10	1500	830	700	620	510	430	350	250	80	20
32646	ARD140BC	14"	.17	1100	1160	880	790	650	520	390	240	---	34
32647	ARD180DC	18"	1/3	1100	2420	2000	1610	1500	1300	1050	890	410	46

Performance shown is for installation type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include transmission losses.

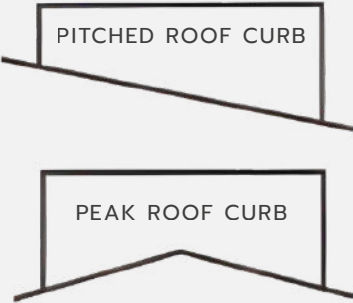
ARD MODEL ACCESSORIES AND MOUNTING OPTIONS



ROOF MOUNT DAMPER

EDP No.	Catalog No.	Used with ARD Models Catalog No.		Ship Wt.
31100	BD14.5A	ARD100XB	ARD120XB	3
31101	BD16.75A	ARD140BC		4
31102	BD21.75A	ARD180DC		5

CURBS



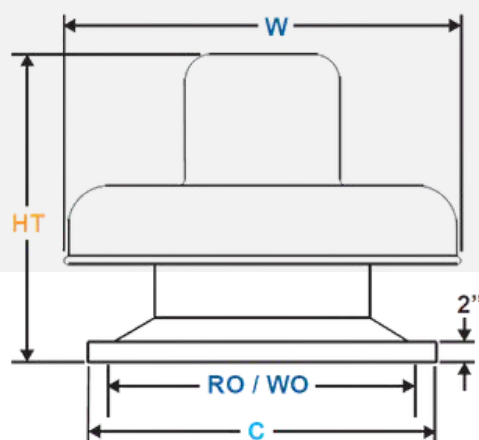
EDP No.	Catalog No.	Curb Size	Use with ARD Models Catalog No.		Curb Dimensions			
					A Sq.	B Sq.	Roof Opening	Damper Catalog No.
31100	PACA17.75-8	8"	ARD100XB	ARD120XB	17 3/4"	23 3/4"	13"	BD14.5A
31101	PACA17.75-12	12"	ARD100XB	ARD120XB	17 3/4"	23 3/4"	13"	BD14.5A
31102	PACA20-8	8"	ARD140BC		20"	24"	16"	BD16.75A
31103	PACA20-12	12"	ARD140BC		20"	24"	16"	BD16.75A
31110	PACA25-8	8"	ARD180DC		25"	29"	20"	BD21.75A
31111	PACA25-12	12"	ARD180DC		25"	29"	20"	BD21.75A

Notes: Pitched and Peaked Curbs Available. For Pitched Roof Curb Price, multiply fl at roof curb price by 1.67. For Peaked Roof Curb Price, multiply fl at roof curb price by 2.22. Please specify Pitched or Peaked when ordering. Metal roofs, consult factory for sizing and pricing. Wall Mount Brackets Available, contact factory.

CENTRIFUGAL DIRECT DRIVE EXHAUST FANS

CDD MODELS 1 Year Warranty

Ideal for roof or wall mounting, the CDD series combines practical features with precision engineering to keep your workspace ventilated, safe, and productive. The non-overloading, backward-inclined wheel and direct-drive motor ensure long-term reliability with minimal maintenance.



Standard Bird
Screen
Protection



Variable
Speed
Control



Quiet Operation
Even at Higher
Static Pressures



115 V, 1 SPEED, 1-PHASE, OPEN DRIP PROOF (ODP)

Catalog No.	CDD Dimensions (in.)				
	Ht	W	B	C	RO or WO
CDD100	14 ½"	20 ¾"	2"	19"	13"
CDD120	16 ¼"	23 ¾"	2"	19"	13"
CDD300B-2	19 ⅞"	26 ¼"	2"	21"	16"
CDD330B-2	19 ⅞"	26 ¼"	2"	21"	16"
CDD550B-2	21 ¾"	29 ¾"	2"	21"	16"

EDP No.	Catalog No.	Wheel Dia.	HP	RPM	Max Sones	Capacity (CFM) @ "SP in W.G.								Ship Wt
						0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	
32446	CDD100-2	9"	1/10	1600	7.4	510	470	425	370	300	175	---	---	30
32447	CDD120-2	10 ½"	.18	1600	12.2	945	880	800	725	650	550	---	---	35
32727	CDD300B-2	10 ¾"	1/6	1625	13.4	1410	1340	1265	1190	1110	1040	950	790	45
32449	CDD330B-2	11 ¾"	1/3	1600	14.2	1310	1250	1190	1110	1030	950	860	680	45
32451	CDD550B-2	12"	1/2	1600	17.4	2400	2300	2210	2120	2050	1910	1850	1600	50

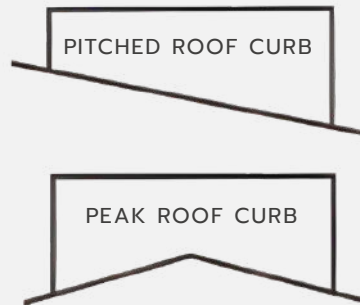
*Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness in values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A; Free inlet hemispherical sone levels.

CDD MODEL ACCESSORIES AND MOUNTING OPTIONS

GRAVITY DAMPER & ACCESSORIES

EDP No.	Catalog No.	Used with CDD Models Catalog No.	Ship Wt.
32452	BD14.5A	CDD100-2, CDD120-2	3
32453	BD16.75A	CDD300B-2, CDD330B-2, CDD550B-2	4
94283	---	CDD100-2, CDD120-2, CDD300B-2, CDD330B-2, CDD550B-2	5

CURBS



EDP No.	Catalog No.	Curb Size	Use with CDD Models Catalog No.			Curb Dimensions				
						A Sq.	B Sq.	Roof Opening	Damper Catalog No.	
31100	PACA17.75-8	8"	CDD100-2		CDD120-2	17 ¾"	23 ¾"	13"	BD14.5A	
31101	PACA17.75-12	12"	CDD100-2		CDD120-2	17 ¾"	23 ¾"	13"	BD14.5A	
31102	PACA20-8	8"	CDD300B-2	CDD330B-2		CDD550B-2	20"	24"	16"	BD16.75A
31103	PACA20-12	12"	CDD300B-2	CDD330B-2		CDD550B-2	20"	24"	16"	BD16.75A

*Curb Hinge Available - EDP No. 62000

Notes: Pitched and Peaked Curbs Available. For Pitched Roof Curb Price, multiply fl at roof curb price by 1.67. For Peaked Roof Curb Price, multiply the flat roof curb price by 2.22. Please specify Pitched or Peaked when ordering. For metal roofs, please consult the factory for sizing and pricing. Wall Mount Brackets Available. Contact the factory.

CENTRIFUGAL DIRECT DRIVE UPBLAST / WALL

CDU MODELS 1 Year Warranty

Engineered for both roof and wall mounting, these fans provide a compact, quiet, and versatile solution for industrial and commercial applications. With a non-overloading backward-inclined wheel and direct-drive motor, the CDU series ensures long-term reliability with minimal maintenance. Integrated rubber vibration isolators keep operation quiet, while variable speed control allows precise airflow adjustments to suit your space.



High Vertical Discharge
for Cleaner Airflow



Compact, Space-Saving
Design



Quiet Operation from
Vibration Isolators



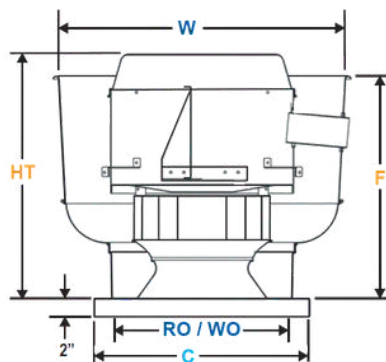
115 V, 1 SPEED, 1-PHASE, OPEN DRIP PROOF (ODP)

EDP No.	Catalog No.	Wheel Dia.	HP	RPM	Tip Speed	Capacity (CFM) at "SP"										Max Sones	Ship Wt.
						0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"		
32637	*CDU100-2	8 3/4"	.08	1600	3770	537	493	447	398	343	280	204	---	---	---	9.0	30
32638	CDU120-2	10 1/2"	.08	1525	4192	870	840	760	700	600	500	360	---	---	---	11.0	40
32642	CDU300B-2	11 3/4"	1/4	1525	4691	1210	1150	1100	1050	990	900	840	610	---	---	12.0	50
32728	CDU330B-2	11 3/4"	1/4	1700	5229	1390	1345	1270	1220	1150	1060	1000	840	650	---	14.7	50
32643	CDU500B-2	13 3/4"	1/2	1650	5940	2100	---	2000	---	1800	---	1600	1350	1100	750	18.9	55

*CDU100-2 is UL 705 Listed. Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free inlet hemispherical sone levels. Variable speed control allows for 50% range of stated CFM. Speed control can be wired for low or high speed. Performance shown is for installation Type A; Free Inlet, Free Outlet. Performance includes the effect of the bird screen in the airstream. The speed (RPM) shown is nominal, and performance is based on the actual speed of the test.

CDU MODEL & ACCESSORIES

CDU DIMENSIONS



Catalog No.	CDU Dimensions (in.)				
	Ht	W	C	F	RO or WO
CDU100-2	14 ½	17 ¾	19	9 ½	13
CDU120-2	18	22	19	14 ½	13
CDU300B-2	25 ¾	25 ½	21	18 ½	16
CDU330B-2	25 ¾	25 ½	21	18 ½	16
CDU500B-2	27 ¾	28 ¾	21	21 ½	16

ROOF MOUNT DAMPER MOTOR KIT

EDP No.	Catalog No.
94283	Motor Kit

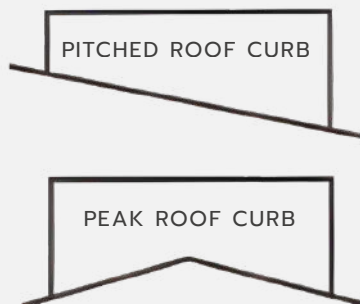
WALL / ROOF GRAVITY DAMPER

EDP No.	Catalog No.	Use with CDU Catalog No.			Ship Wt.
32452	BD14.5A	CDU100-2	CDU120-2		3
32453	BD16.75A	CDU300B-2	CDU330B-2	CDU550B-2	4

ACCESSORIES

EDP No.	Catalog No.	Description
62000	Curb Hinge	Curb Hinge
62001	Bird Screen	Bird Screen for CDU100 - 120
62002	Bird Screen	Bird Screen for CDU300 - 500
62003	Grease Box	Grease Box

CURBS



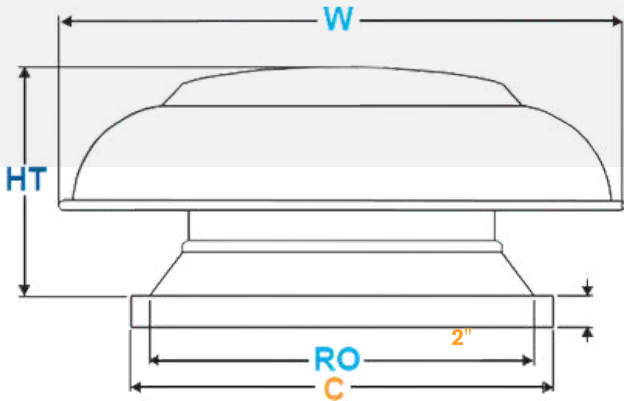
EDP No.	Catalog No.	Curb Size	Curb Dimensions				Use with CDU Catalog No.			Ship Wt.
			A Sq.	B Sq.	Roof Opening	Damper Cat No.				
31100	PACA17.75-8	8"	17 ¾"	23 ¾"	13"	BD14.5A	CDU100-2	CDU120-2		17
31101	PACA17.75-12	12"								
31102	PACA20-8	8"	20"	24"	16"	BD16.75A	CDU300B-2	CDU330B-2	CDU550B-2	20
31104	PACA20-12	12"								

Notes: Pitched and Peaked Curbs Available. For Pitched Roof Curb Price, multiply fl at roof curb price by 1.67. For Peaked Roof Curb Price, multiply fl at roof curb price by 2.22. Please specify Pitched or Peaked when ordering. Metal roofs, consult factory for sizing and pricing. Wall Mount Brackets Available, contact factory.

NON-POWERED GRAVITY RELIEF VENT

EGRV MODELS Unit Has No Motor

The Non-Powered Gravity Relief Vent provides a simple, energy-free solution for pressure relief and natural exhaust in commercial and industrial facilities. Designed to open automatically under positive building pressure and close securely when pressure equalizes, this vent protects structures from over-pressurization while preventing unwanted backdrafts. Ideal for use in warehouses, manufacturing plants, and facilities with powered supply air systems, the Non-Powered Gravity Relief Vent maintains balanced airflow, safeguards building integrity, and supports efficient ventilation system performance.



EDP No.	Catalog No.	Approx Throat Dia.	CFM*	EGRV Dimensions					Ship Wt.
				Ht	W	C	Roof Opening	Approx. Throat Opening in Sq. Ft	
32443	EGRV120	12"	1000	11"	20.3"	18 ½"	13"	0.79	21
32444	EGRV140	14"	1475	14"	27.3"	21"	16"	1.07	33
32445	EGRV180	18"	2400	16"	33.5"	26"	20"	1.97	55

*Approximate CFM at 1200 FPM throat velocity.

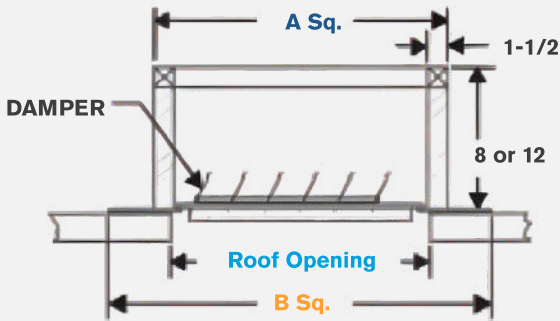
EGRV MODEL ACCESSORIES AND MOUNTING

EXHAUST BACKDRAFT DAMPER WITH MOTOR KIT

EDP No.	Catalog No.	Use with EGRV Catalog No.	Ship Wt.
32452	BD14.5A	EGRV120	3
32453	BD16.75A	EGRV140	4
32454	BD21.75A	EGRV180	8
94283	Motor Kit	EGRV120, EGRV140, EGRV180	5

**Use motorized damper only. Bird Screen standard on EGRV models.

CURBS



EDP No.	Catalog No.	Curb Size	Curb Dimensions				Use with EGRV Catalog No.	Ship Wt.
			A Sq.	B Sq.	Roof Opening	Damper Cat. No.		
31100	PACA17.75-8	8"	17 ¾"	23 ¾"	13"	BD14.5A	EGRV120	17
31102	PACA20-8	8"	20"	24"	16"	BD16.75A	EGRV140	20
31110	PACA25-8	8"	25"	29"	20"	BD21.75A	EGRV180	26

TUBE AXIAL FANS

DIRECT DRIVE PLDA MODELS 1 Year Warranty

When you need airflow that’s fast, reliable, and low-maintenance, the Airmaster PLDA series delivers. These direct-drive ventilation fans are engineered to maximize performance with minimal upkeep, delivering consistent, powerful airflow in demanding industrial and commercial environments



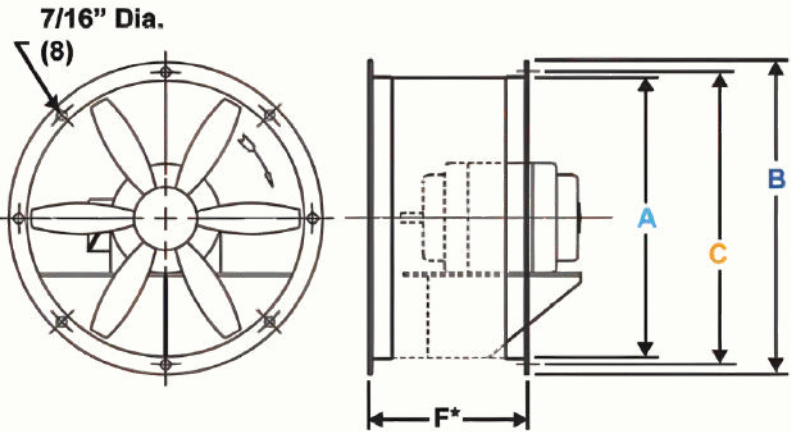
Direct Drive
Motor Design



Spark-Resistant
Cast Aluminum
Propellers



Easy Duct
Mounting, Fast
Installation



Prop Dia.	Dimensions (in.)			
	A	B	C	F*
12"	12	14	13	14
18"	18	20	19	14
24"	24	27	25.625	18
27"	27	30	28.625	18
30"	30	33	31.625	18
34"	34	37	35.625	18
42"	42	45	43.625	18
48"	48	51	49.625	18

TOTALLY ENCLOSED, SINGLE SPEED MOTOR

Motor Voltage Key	
1 Phase	115/230V
3 Phase	230/460V

EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in W.G.						Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32002	PLDA12FZ	12"	1/2	3450	1875	1650	1400	1320	1250	1100	41
32003											
32008	PLDA12HZ	12"	3/4	3450	2044	1960	1620	1820	1650	1500	50
32009											
32014	PLDA18CA	18"	1/4	1725	3450	3050	2500	1200	---	---	60
32015											
32020	PLDA18DA	18"	1/3	1725	3315	3000	2600	2000	1400	---	90
32021											
32026	PLDA18JA	18"	1	1725	4600	4375	4080	3600	3000	2100	100
32027											
32032	PLDA24CA	24"	1/4	1725	5200	4200	2820	1050	---	---	96
32033											
32038	PLDA24DC	24"	1/3	1140	4975	4690	4250	3920	2850	---	100
32039											
32044	PLDA24FA	24"	1/2	1725	6510	5880	5200	4150	3100	1800	114
32045											
32051	PLDA24HC	24"	3/4	1140	6900	6450	6265	5600	3300	---	120
32052											
32057	PLDA24JA	24"	1	1725	7425	7000	6350	5850	5000	3300	150
32058											
32062	PLDA24OA	24"	3	1725	10500	9800	9500	9100	8700	7800	190
32066	PLDA27FA	27"	1/2	1725	7550	6829	6000	5100	4000	2000	122
32067											
32073	PLDA27JA	27"	1	1725	9600	9000	8400	7775	7050	4800	152
32074											

CONTINUED ON PAGE 60

TOTALLY ENCLOSED, SINGLE SPEED MOTOR

CONTINUED FROM PAGE 59

Motor Voltage Key

1 Phase 115/230V

3 Phase 230/460V

EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in W.G.						Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32079	PLDA27MA	27"	2	1725	11500	11200	10700	10000	9300	8000	175
32080											
32085	PLDA30FA	30"	1/2	1725	8980	7650	6300	5400	4350	2300	128
32086											
32091	PLDA30HC	30"	3/4	1140	10440	9750	8750	7640	6000	---	185
32092											
32097	PLDA30MA	30"	2	1725	12000	11250	10450	9600	8700	6000	180
32098											
32102	PLDA30MC	30"	2	1140	14000	13750	12900	11850	10450	2500	180
32105	PLDA30OA	30"	3	1725	16000	15350	14700	13850	12900	10200	200
32109	PLDA34KA	34"	1½	1725	13350	12100	10000	9100	7300	---	190
32110											
32115	PLDA34MA	34"	2	1725	14850	13600	12100	10450	8800	4000	200
32116											
32120	PLDA34MC	34"	2	1140	15950	15100	13800	12500	11400	---	200
32123	PLDA34OC	34"	3	1140	19300	18290	17230	16000	14800	11614	250
32126	PLDA42JD	42"	1	870	15800	15200	13480	12310	5800	9000	260
32128	PLDA42MC	42"	2	1140	17964	17277	15326	13990	12351	7600	252
32131	PLDA42MD	42"	2	870	22040	21000	20500	18500	15000	6000	260
32133	PLDA42PC	42"	5	1140	28970	27960	26840	25700	24200	19500	300
32136	PLDA48OC	48"	3	1140	28600	26500	24400	22000	20000	15900	290
32138	PLDA48OD	48"	3	870	28700	26500	24200	21600	18500	10000	290
32140	PLDA48PD	48"	5	870	33000	31500	29750	27650	25300	18000	310

EXPLOSION-PROOF, SINGLE SPEED MOTORS

Motor Voltage Key

1 Phase 115/230V

3 Phase 230/460V

EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in W.G.						Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32004	PLDA12FZ	12"	1/2	3450	1875	1650	1400	1320	1250	1100	41
32005											
32010	PLDA12HZ	12"	3/4	3450	2044	1960	1620	1820	1650	1500	50
32011											
32016	PLDA18CA	18"	1/4	1725	3450	3050	2500	1200	---	---	60
32017											
32022	PLDA18DA	18"	1/3	1725	3315	3000	2600	2000	1400	---	90
32023											
32028	PLDA18JA	18"	1	1725	4600	4375	4080	3600	3000	2100	100
32029											
32034	PLDA24CA	24"	1/4	1725	5200	4200	2820	1050	---	---	96
32035											
32040	PLDA24DC	24"	1/3	1140	4975	4690	4250	3920	2850	---	100
32041											
32046	PLDA24FA	24"	1/2	1725	6510	5880	5200	4150	3100	1800	114
32047											
32053	PLDA24HC	24"	3/4	1140	6900	6450	6265	5600	3300	---	120
32054											
32059	PLDA24JA	24"	1	1725	7425	7000	6350	5850	5000	3300	150
32060											
32063	PLDA24OA	24"	3	1725	10500	9800	9500	9100	8700	7800	190
32068	PLDA27FA	27"	1/2	1725	7550	6829	6000	5100	4000	2000	122
32069											

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EXPLOSION-PROOF, SINGLE SPEED MOTORS

CONTINUED FROM PAGE 61

Motor Voltage Key

1 Phase 115/230V

3 Phase 230/460V

EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in W.G.						Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32075	PLDA27JA	27"	1	1725	9600	9000	8400	7775	7050	4800	152
32076											
32081	PLDA27MA	27"	2	1725	11500	11200	10700	10000	9300	8000	175
32082											
32087	PLDA30FA	30"	1/2	1725	8980	7650	6300	5400	4350	2300	128
32088											
32093	PLDA30HC	30"	3/4	1140	10440	9750	8750	7640	6000	---	185
32094											
32100	PLDA30MA	30"	2	1725	12000	11250	10450	9600	8700	6000	180
32103	PLDA30MC	30"	2	1140	14000	13750	12900	11850	10450	2500	180
32106	PLDA30OA	30"	3	1725	16000	15350	14700	13850	12900	10200	200
32111	PLDA34KA	34"	1½	1725	13350	12100	10000	9100	7300	---	190
32112											
32118	PLDA34MA	34"	2	1725	14850	13600	12100	10450	8800	4000	200
32121	PLDA34MC	34"	2	1140	15950	15100	13800	12500	11400	---	200
32124	PLDA34OC	34"	3	1140	19300	18290	17230	16000	14800	11614	250
32129	PLDA42MC	42"	2	1140	17964	17277	15326	13990	12351	7600	252
32134	PLDA42PC	42"	5	1140	28970	27960	26840	25700	24200	19500	300

PLDA MODEL ACCESSORIES

EDP No.	Prop Dia.	Description
32141	12"	Matching Flange (1 ea.)
32146	18"	Matching Flange (1 ea.)
32152	24"	Matching Flange (1 ea.)
32157	27"	Matching Flange (1 ea.)
32162	30"	Matching Flange (1 ea.)
32167	34"	Matching Flange (1 ea.)
32173	42"	Matching Flange (1 ea.)
32178	48"	Matching Flange (1 ea.)
32147	18"	Inspection Door
32153	24"	Inspection Door
32158	27"	Inspection Door
32163	30"	Inspection Door
32168	34"	Inspection Door
32174	42"	Inspection Door
32179	48"	Inspection Door
32143	12"	Guard (each)
32148	18"	Guard (each)
32154	24"	Guard (each)
32159	27"	Guard (each)

EDP No.	Prop Dia.	Description
32164	30"	Guard (each)
32169	34"	Guard (each)
32175	42"	Guard (each)
32180	48"	Guard (each)
32144	12"	Epoxy Coating
32149	18"	Epoxy Coating
32155	24"	Epoxy Coating
32160	27"	Epoxy Coating
32165	30"	Epoxy Coating
32171	34"	Epoxy Coating
32176	42"	Epoxy Coating
32181	48"	Epoxy Coating
32145	12"	Cont. Weld of Flange to Drum
32151	18"	Cont. Weld of Flange to Drum
32156	24"	Cont. Weld of Flange to Drum
32161	27"	Cont. Weld of Flange to Drum
32166	30"	Cont. Weld of Flange to Drum
32172	34"	Cont. Weld of Flange to Drum
32177	42"	Cont. Weld of Flange to Drum
32182	48"	Cont. Weld of Flange to Drum

TUBE AXIAL FANS

BELT DRIVE PLDXA MODELS 1 Year Warranty

When air movement is mission-critical, the Airmaster PLDXA Series delivers industrial-strength performance you can count on. Designed for demanding ventilation applications, these fans combine refined construction with precision engineering to keep air flowing efficiently and reliably, even in the harshest environments. Available in propeller sizes from 12" to 48", PLDXA models offer both single and three-phase options, plus your choice of Totally Enclosed or Explosion-Proof motors for safe operation in any setting. Every component is built for durability and serviceability, ensuring long-term value and peace of mind.



Explosion-Proof
Motor Option



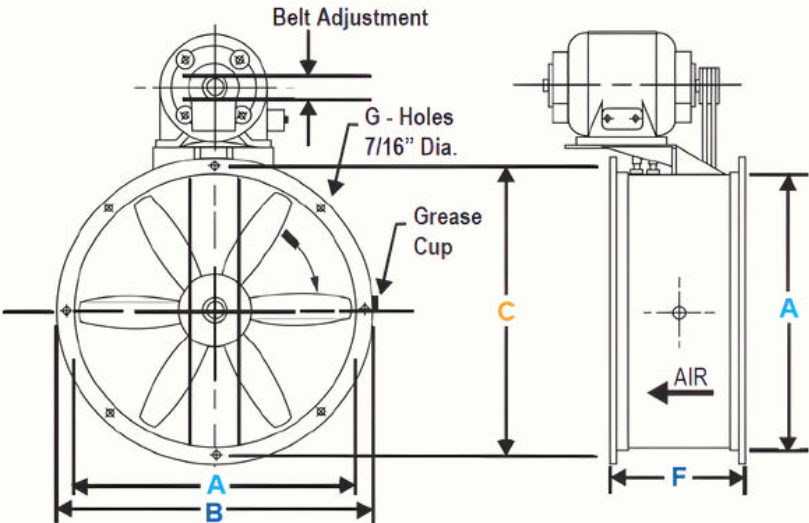
Air-tight Cylinder
Protects from Debris



Easy Duct Mounting,
Fast Installation



Spark-Resistant Cast
Aluminum Propellers



Model	Dimensions (in.)			
	A	B	C	F
12"	12	14	13	12
15"	15	17	16	12
18"	18	20	19	12
24"	24	27	25.625	12 16*
27"	27	30	28.625	12 16**
30"	30	33	31.625	12 16**
34"	34	37	35.625	16
42"	42	45	43.625	18
48"	48	51	49.625	24

*1-1/2 HP & Up
**2 HP & Up

TOTALLY ENCLOSED, SINGLE SPEED MOTOR

Motor Voltage Key

1 Phase 115/230V

3 Phase 230/460V

EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in W.G.						Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32185	PLDXA12CA	12"	1/4	2625	1444	1307	1033	638	380	---	68
32186											
32191	PLDXA12FA	12"	1/2	3450	1875	1560	1400	1320	1250	1100	72
32192											
32197	PLDXA12HA	12"	3/4	3450	2044	1960	1920	1820	1650	1500	76
32198											
32203	PLDXA15CA	15"	1/4	2000	2600	2100	1700	---	---	---	73
32204											
32209	PLDXA15DA	15"	1/3	2200	2950	2500	2100	1760	1000	---	75
32210											
32215	PLDXA15FA	15"	1/2	1890	3350	3000	2650	2200	1500	---	80
32216											
32221	PLDXA15HA	15"	3/4	2200	3900	3700	3400	3100	2700	1150	95
32222											
32227	PLDXA18CA	18"	1/4	1600	3050	2500	2000	1200	---	---	80
32228											
32233	PLDXA18DA	18"	1/3	1725	3375	3000	2600	2000	1400	---	85
32234											
32239	PLDXA18FA	18"	1/2	1890	3850	3500	3100	2500	2000	---	95
32240											
32245	PLDXA18JA	18"	1	1725	4600	4375	4080	3600	3000	2100	115
32246											
32251	PLDXA18KA	18"	1 ½	1990	5350	5060	4830	4550	3950	3000	125
32252											
32257	PLDXA24FA	24"	1/2	1298	5643	5320	4826	4440	3500	---	125
32258											
32263	PLDXA24HA	24"	3/4	1600	6906	6510	5900	5440	4650	2750	130
32264											

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TOTALLY ENCLOSED, SINGLE SPEED MOTOR

CONTINUED FROM PAGE 65

Motor Voltage Key

1 Phase 115/230V

3 Phase 230/460V

EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in W.G.						Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32269	PLDXA24JA	24"	1	1725	7425	7000	6350	5850	5000	3300	145
32270											
32275	PLDXA24KA	24"	1 ½	1540	8200	7900	7650	7280	6850	5500	150
32276											
32281	PLDXA24MA	24"	2	1600	9760	9114	8830	8460	8090	7000	170
32282											
32286	PLDXA24OA	24"	3	1725	10500	9800	9500	9100	8700	7800	185
32290	PLDXA27HA	27"	3/4	1250	8330	7814	7550	7070	6500	4650	135
32291											
32296	PLDXA27JA	27"	1	1400	9400	8675	8480	7950	7300	5200	155
32297											
32302	PLDXA27KA	27"	1 ½	1600	10700	10250	9700	9080	8375	6000	160
32303											
32308	PLDXA27MA	27"	2	1350	11500	11200	10700	10000	9300	8000	210
32309											
32314	PLDXA30FA	30"	1/2	1140	8900	7925	6600	4270	2300	---	118
32315											
32320	PLDXA30JA	30"	1	1298	9896	8970	7980	6050	4120	---	140
32321											
32326	PLDXA30KA	30"	1 ½	1035	11100	10600	9700	8600	7500	3500	165
32327											

TOTALLY ENCLOSED, SINGLE SPEED MOTOR

Motor Voltage Key

1 Phase 115/230V

3 Phase 230/460V

EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in W.G.						Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32332	PLDXA30MA	30"	2	1176	12100	11660	11000	10121	9322	6700	200
32333											
32337	PLDXA30OA	30"	3	1350	13480	12982	12498	12042	11465	10380	215
32341	PLDXA34KA	34"	1 ½	1170	13695	12400	11100	8365	6000	1050	175
32342											
32347	PLDXA34MA	34"	2	1027	14657	13652	12590	11500	10000	8000	210
32348											
32354	PLDXA34OA	34"	3	1175	17580	16750	15896	14600	14095	12000	275
32358	PLDXA42KA	42"	1 ½	750	18960	17000	14662	11720	7200	---	175
32359											
32364	PLDXA42MA	42"	2	820	20700	18900	17002	14700	11400	4000	210
32365											
32369	PLDXA42OA	42"	3	890	23700	22100	20200	18960	16970	9500	275
32374	PLDXA42PA	42"	5	850	26900	25600	24403	23450	22250	18400	325
32377	PLDXA48PA	48"	5	800	33000	31000	29400	27500	25670	20700	375
32380	PLDXA48QA	48"	7 ½	900	37500	35900	34500	32800	31200	27700	430
32383	PLDXA48RA	48"	10	1000	41200	39700	38300	36900	35400	32400	520

EXPLOSION-PROOF, SINGLE SPEED MOTORS

Motor Voltage Key

1 Phase 115/230V

3 Phase 230/460V

EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in W.G.						Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32187	PLDXA12CA	12"	1/4	2625	1444	1307	1033	638	380	---	68
32188											
32193	PLDXA12FA	12"	1/2	3450	1875	1560	1400	1320	1250	1100	72
32194											
32199	PLDXA12HA	12"	3/4	3450	2044	1960	1920	1820	1650	1500	76
32200											
32205	PLDXA15CA	15"	1/4	2000	2600	2100	1700	---	---	---	73
32206											
32211	PLDXA15DA	15"	1/3	2200	2950	2500	2100	1760	1000	---	75
32212											
32217	PLDXA15FA	15"	1/2	1890	3350	3000	2650	2200	1500	---	80
32218											
32223	PLDXA15HA	15"	3/4	2200	3900	3700	3400	3100	2700	1150	95
32224											
32229	PLDXA18CA	18"	1/4	1600	3050	2500	2000	1200	---	---	80
32230											
32235	PLDXA18DA	18"	1/3	1725	3375	3000	2600	2000	1400	---	85
32236											
32241	PLDXA18FA	18"	1/2	1890	3850	3500	3100	2500	2000	---	95
32242											
32247	PLDXA18JA	18"	1	1725	4600	4375	4080	3600	3000	2100	115
32248											
32253	PLDXA18KA	18"	1 1/2	1990	5350	5060	4830	4550	3950	3000	125
32254											
32259	PLDXA24FA	24"	1/2	1298	5643	5320	4826	4440	3500	---	125
32260											

EXPLOSION-PROOF, SINGLE SPEED MOTORS

Motor Voltage Key

1 Phase 115/230V

3 Phase 230/460V

EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in W.G.						Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32265	PLDXA24HA	24"	3/4	1600	6906	6510	5900	5440	4650	2750	130
32266											
32271	PLDXA24JA	24"	1	1725	7425	7000	6350	5850	5000	3300	145
32272											
32277	PLDXA24KA	24"	1 ½	1540	8200	7900	7650	7280	6850	5500	150
32278											
32283	PLDXA24MA	24"	2	1600	9760	9114	8830	8460	8090	7000	170
32284											
32287	PLDXA24OA	24"	3	1725	10500	9800	9500	9100	8700	7800	185
32292	PLDXA27HA	27"	3/4	1250	8330	7814	7550	7070	6500	4650	135
32293											
32298	PLDXA27JA	27"	1	1400	9400	8675	8480	7950	7300	5200	155
32299											
32304	PLDXA27KA	27"	1 ½	1600	10700	10250	9700	9080	8375	6000	160
32305											
32310	PLDXA27MA	27"	2	1350	11500	11200	10700	10000	9300	8000	210
32311											
32316	PLDXA30FA	30"	1/2	1140	8900	7925	6660	4270	2300	---	118
32317											
32322	PLDXA30JA	30"	1	1298	9896	8970	7980	6050	4120	---	140
32323											
32328	PLDXA30KA	30"	1 ½	1035	11100	10600	9700	8600	7500	3500	165
32329											
32334	PLDXA30MA	30"	2	1176	12100	11660	11000	10121	9322	6700	200
32335											

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EXPLOSION-PROOF, SINGLE SPEED MOTORS

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Motor Voltage Key

1 Phase 115/230V

3 Phase 230/460V

EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in W.G.						Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32338	PLDXA30OA	30"	3	1350	13480	12982	12498	12042	11465	10380	215
32343	PLDXA34KA	34"	1 ½	1170	13695	12400	11100	8365	6000	1050	175
32344											
32349	PLDXA34MA	34"	2	1027	14657	13652	12590	11500	10000	8000	210
32352											
32355	PLDXA34OA	34"	3	1175	17580	16750	15896	14600	14095	12000	275
32360	PLDXA42KA	42"	1 ½	750	18960	17000	14662	11700	7200	---	175
32361											
32366	PLDXA42MA	42"	2	820	20700	18900	17002	14700	11400	4000	210
32367											
32372	PLDXA42OA	42"	3	890	23700	22100	20200	18960	16970	9950	275
32375	PLDXA42PA	42"	5	850	26900	25600	24403	23450	22250	18400	325
32378	PLDXA48PA	48"	5	800	33000	31000	29400	27500	25670	20700	375
32381	PLDXA48QA	48"	7 ½	900	37500	35900	34500	32800	31200	27700	430
32384	PLDXA48RA	48"	10	1000	41200	39700	38300	36900	35400	32400	520

WEATHER COVER

EDP No.	Catalog No.	Size	HP	Description
88202	Weather Cover	12" - 42"	Up to 1.5	For Motor and Drive
88203	Weather Cover	24" - 48"	2 - 5	For Motor and Drive
88205	Weather Cover	42" - 48"	7.5 & Up	For Motor and Drive

PLDXA ACCESSORIES

EDP No.	Catalog No.	Prop Dia.	Description
32385	PLDXA Accessory	12"	Matching Flange (1 ea.)
32392	PLDXA Accessory	15"	Matching Flange (1 ea.)
32398	PLDXA Accessory	18"	Matching Flange (1 ea.)
32404	PLDXA Accessory	24"	Matching Flange (1 ea.)
32412	PLDXA Accessory	27"	Matching Flange (1 ea.)
32418	PLDXA Accessory	30"	Matching Flange (1 ea.)
32424	PLDXA Accessory	34"	Matching Flange (1 ea.)
32431	PLDXA Accessory	42"	Matching Flange (1 ea.)
32437	PLDXA Accessory	48"	Matching Flange (1 ea.)
32399	PLDXA Accessory	18"	Inspection Door
32405	PLDXA Accessory	24"	Inspection Door
32413	PLDXA Accessory	27"	Inspection Door
32419	PLDXA Accessory	30"	Inspection Door
32425	PLDXA Accessory	34"	Inspection Door
32432	PLDXA Accessory	42"	Inspection Door
32438	PLDXA Accessory	48"	Inspection Door
32387	PLDXA Accessory	12"	Inlet / Outlet Guard
32394	PLDXA Accessory	15"	Inlet / Outlet Guard
32400	PLDXA Accessory	18"	Inlet / Outlet Guard

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PLDXA ACCESSORIES

CONTINUED FROM PAGE 71

EDP No.	Catalog No.	Prop Dia.	Description
32406	PLDXA Accessory	24"	Inlet / Outlet Guard
32414	PLDXA Accessory	27"	Inlet / Outlet Guard
32420	PLDXA Accessory	30"	Inlet / Outlet Guard
32426	PLDXA Accessory	34"	Inlet / Outlet Guard
32433	PLDXA Accessory	42"	Inlet / Outlet Guard
32439	PLDXA Accessory	48"	Inlet / Outlet Guard
32388	PLDXA Accessory	12"	Belt Drive Guard (OSHA)
32395	PLDXA Accessory	15"	Belt Drive Guard (OSHA)
32401	PLDXA Accessory	18"	Belt Drive Guard (OSHA)
32407	PLDXA Accessory	24"	Belt Drive Guard (OSHA)
32415	PLDXA Accessory	27"	Belt Drive Guard (OSHA)
32421	PLDXA Accessory	30"	Belt Drive Guard (OSHA)
32427	PLDXA Accessory	34"	Belt Drive Guard (OSHA)
32434	PLDXA Accessory	42"	Belt Drive Guard (OSHA)
32440	PLDXA Accessory	48"	Belt Drive Guard (OSHA)
32389	PLDXA Accessory	12"	Epoxy Coating
32396	PLDXA Accessory	15"	Epoxy Coating
32402	PLDXA Accessory	18"	Epoxy Coating
32408	PLDXA Accessory	24"	Epoxy Coating

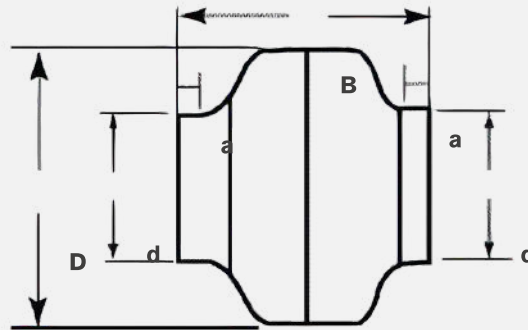
PLDXA ACCESSORIES

EDP No.	Catalog No.	Prop Dia.	Description
32416	PLDXA Accessory	27"	Epoxy Coating
32422	PLDXA Accessory	30"	Epoxy Coating
32428	PLDXA Accessory	34"	Epoxy Coating
32435	PLDXA Accessory	42"	Epoxy Coating
32441	PLDXA Accessory	48"	Epoxy Coating
32391	PLDXA Accessory	12"	Cont. Weld of Flange o Drum
32397	PLDXA Accessory	15"	Cont. Weld of Flange o Drum
32403	PLDXA Accessory	18"	Cont. Weld of Flange o Drum
32409	PLDXA Accessory	24"	Cont. Weld of Flange o Drum
32417	PLDXA Accessory	27"	Cont. Weld of Flange o Drum
32423	PLDXA Accessory	30"	Cont. Weld of Flange o Drum
32429	PLDXA Accessory	34"	Cont. Weld of Flange o Drum
32436	PLDXA Accessory	42"	Cont. Weld of Flange o Drum
32442	PLDXA Accessory	48"	Cont. Weld of Flange o Drum

IN-LINE CENTRIFUGAL DUCT FAN

AIF MODELS 5 Year Warranty

Built with a heavy-gauge drawn steel housing and durable baked epoxy finish, it provides long-term corrosion resistance and structural integrity in demanding environments. At the core of the unit is an exceptionally quiet and efficient backward-curved (BC) impeller, precision balanced to ensure smooth, vibration-free operation. Integrated automatic reset thermal overload protection safeguards the motor, enhancing reliability and extending service life.



EDP No.	Catalog No.	Watts	RPM	Capacity (CFM) at "SP									Dimensions (in.)				Ship Wt.
				0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	2.0	D	d	a	B	
23202	AIF100A ES	43.5	2580	147	130	107	82	57	34	11	---	---	9.5	3.9	1.0	8.3	7.5
23190	AIF100B	83.4	2620	150	140	127	112	94	74	53	23	---	9.5	3.9	1.0	8.3	8.0
23195*	AIF100B-C	83.4	2520	150	140	127	112	94	---	74	53	23	9.5	3.9	1.0	8.3	8.0
23203	AIF125A ES	44.4	2520	179	150	121	87	49	14	---	---	---	9.5	4.8	1.0	8.3	7.5
23191	AIF125B	85.4	2750	183	160	141	122	101	77	51	14	---	9.5	4.8	1.0	8.3	7.5
23196*	AIF125B-C	85.4	2750	183	160	141	122	101	77	51	14	---	9.5	4.8	1.0	8.3	7.5
23204	AIF150A ES	46.8	2390	235	190	148	97	44	---	---	---	---	9.5	5.8	1.0	8.3	7.5
23192	AIF150B ES	89.2	2450	308	260	216	175	139	108	81	47	---	13.2	5.8	1.0	9.1	12.5
23197*	AIF150B-C ES	89.2	2450	308	260	216	175	139	108	81	47	---	13.2	5.8	1.0	9.1	12.5
23205	AIF200A ES	84.5	2500	368	300	234	184	149	114	70	---	---	13.2	7.8	1.0	9.1	12.0
23193	AIF200B ES	188	2550	579	520	453	387	329	282	245	206	154	13.2	7.8	1.0	9.1	15.0
23198*	AIF200B-C ES	188	2550	579	520	453	387	329	282	245	206	154	13.2	7.8	1.0	9.1	15.0
23206	AIF250 ES	197	2470	616	550	488	431	379	330	286	227	143	13.2	9.8	1.0	9.1	15.0
23212*	AIF250-C ES	197	2470	616	550	488	431	379	330	286	227	143	13.2	9.8	1.0	9.1	15.0
23207	AIF300A ES	206	2450	780	700	595	420	330	290	255	210	132	15.9	11.8	1.2	11.8	18.0
23194	AIF300B ES	312	2780	970	910	803	680	559	453	367	273	164	15.9	11.8	1.2	11.8	18.0
23199*	AIF300B-C ES	312	2780	970	910	803	680	559	453	367	273	164	15.9	11.8	1.2	11.8	18.0

AIF MODEL ACCESSORIES

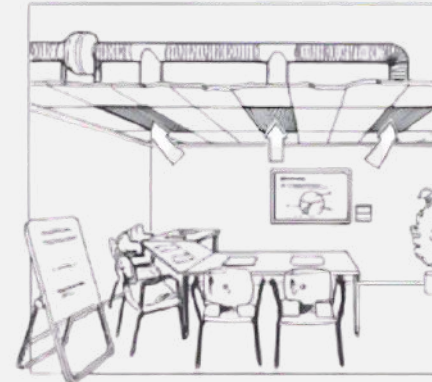
ACCESSORIES

EDP No.	Catalog No.	Description	Ship Wt.
23201	PS-DB	Pressure Sensing Switch Kit	1.5
24855	485210	Variable Speed Control, 1 Phase, 5 Amp Speed Control	1
23163	DF-4	4" Diffuser Vent	1
23177	DF-5	5" Diffuser Vent	1
23164	DF-6	6" Diffuser Vent	1
23170	DF-8	8" Diffuser Vent	1.4
23180	DF-10	10" Diffuser Vent	1.8
23165	BD-4	4" Backdraft Damper	1
23166	BD-6	6" Backdraft Damper	1
23171	BD-8	8" Backdraft Damper	1.2
23172	BD-10	10" Backdraft Damper	1.4
23178	BD-12	12" Backdraft Damper	1.6

**PRESSURE SWITCH****SPEED CONTROL****BACKDRAFT DAMPER****DIFFUSER VENT**

TYPICAL APPLICATIONS

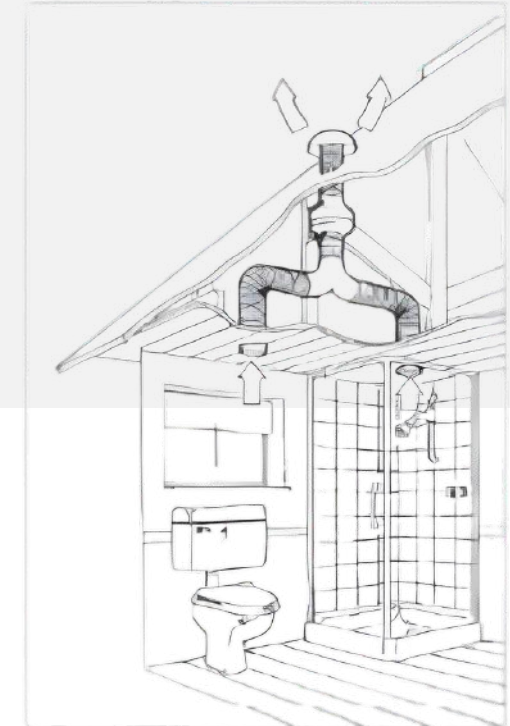
	Residential	Commercial	Industrial
Bathroom Exhaust	✓	✓	✓
Locker Room Exhaust		✓	✓
Kitchen Exhaust (not over range hood)	✓		
Clothes Dryer Exhaust	✓	✓	✓
Primary Exhaust Fan	✓	✓	✓
Duct Booster	✓	✓	✓
Warm Air Transfer	✓	✓	✓
General Ventilation	✓	✓	
Conference Room Exhaust		✓	✓
Smoke Areas	✓	✓	
Cafeteria Exhaust		✓	✓
Humidity & Moisture Removal	✓	✓	✓
Equipment Cooling		✓	✓
Make Up Air	✓	✓	✓
Welding Fume Removal			✓
Spot Ventilation	✓	✓	✓
Booster Fan	✓	✓	✓



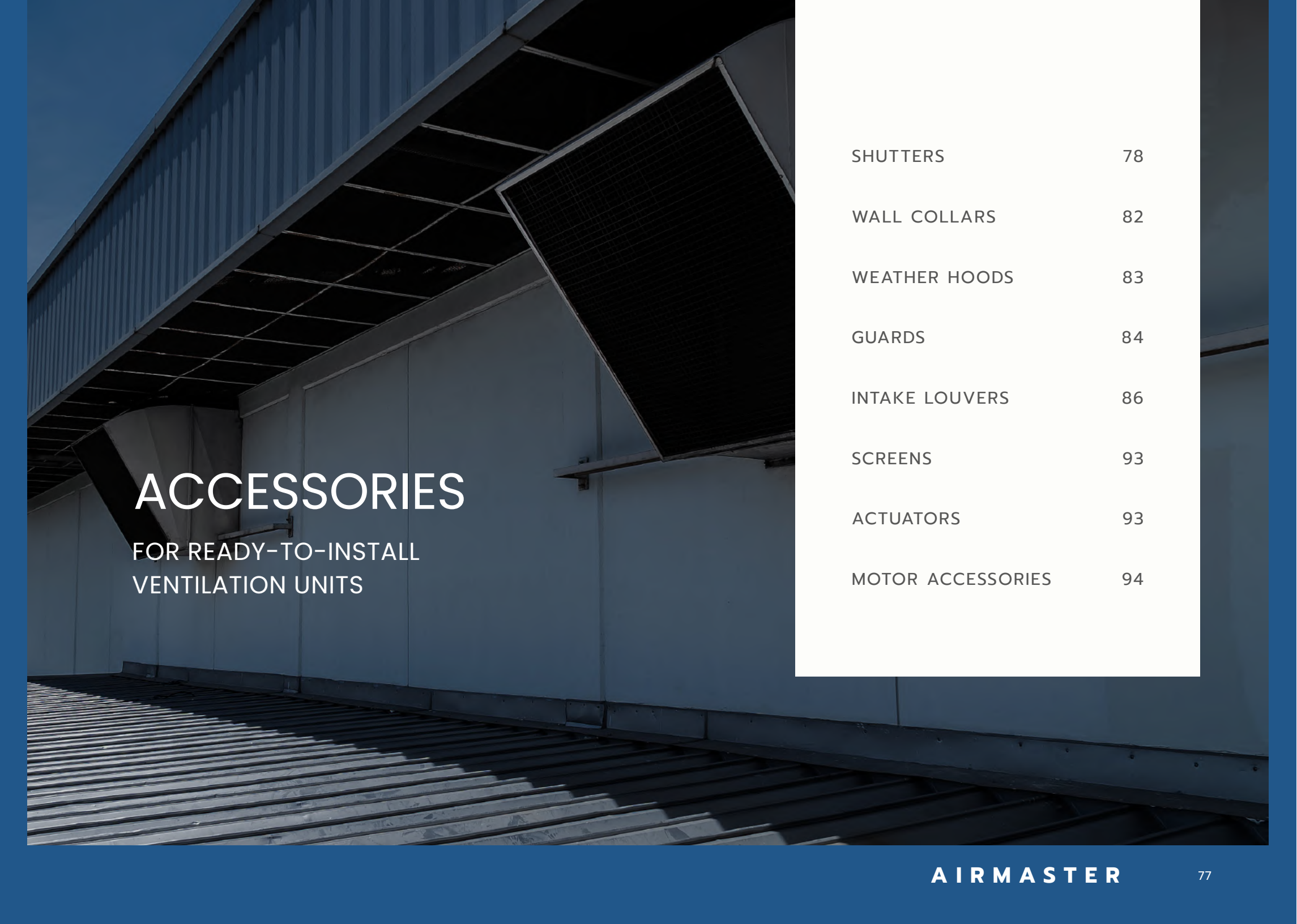
CONFERENCE ROOM EXHAUST
VENTILATION



AIF FAN TRANSFERRING CONDITIONED AIR
TO NEW ROOM ADDITION



MULTI-VENTILATION POINTS WITH ONE
IN-LINE FAN



ACCESSORIES

FOR READY-TO-INSTALL
VENTILATION UNITS

SHUTTERS 78

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ACTUATORS 93

MOTOR ACCESSORIES 94

ALUMINUM EXHAUST SHUTTERS

EASR MODELS

Features	Materials
Indoor / Outdoor, Wall/Ceiling Mounts	24-gauge aluminum blades
Opens with fan pressure	Self-lubricating heavy-duty nylon bearings
Gravity closes when fan is turned off	Felt seals between adjacent blades



EDP No.	Catalog No.	Type	For Fans Diameter	Inside (A)	Outside (B)	Required Opening (Sq. In.)	No. Holes 17/64" Diameter	Sections (Panels)	Motor Kits	Ship Wt.
22970	EASR-MF10	Exhaust	10"	10" Sq.	13" Sq.	10 ¾"	8	1	MTR-556-SP	3
22971	EASR-MF12	Exhaust	10"	12" Sq.	15" Sq.	12 ¾"	8	1	MTR-556-SP	3
22972	EASR-MF14	Exhaust	12"	14" Sq.	17" Sq.	14 ¾"	8	1	MTR-556-SP	4
22973	EASR-MF18	Exhaust	16"	18" Sq.	21" Sq.	18 ¾"	12	1	MTR-556-SP	5
22974	EASR-MF20	Exhaust	18"	20" Sq.	23" Sq.	20 ¾"	12	1	MTR-556-SP	5
22975	EASR-MF26	Exhaust	24"	26" Sq.	29" Sq.	26 ¾"	12	1	MTR-556-SP	9
22976	EASR-MF32	Exhaust	30"	32" Sq.	35" Sq.	32 ¾"	16	1	MTR-556-SP	12
22977	EASR-MF38	Exhaust	36"	38" Sq.	41" Sq.	38 ¾"	16	2	MTR-556-DP	16
22978	EASR-MF44	Exhaust	42"	44" Sq.	47" Sq.	44 ¾"	20	2	MTR-556-DP	20
22979	EASR-MF50	Exhaust	48"	50" Sq.	53" Sq.	50 ¾"	20	2	MTR-556-DP	23
22980	EASR-MF56	Exhaust	54"	56" Sq.	59" Sq.	56 ¾"	24	2	MTR-885-DP	27
22981	EASR-MF62	Exhaust	60"	62" Sq.	65" Sq.	62 ¾"	24	2	MTR-885-DP	30

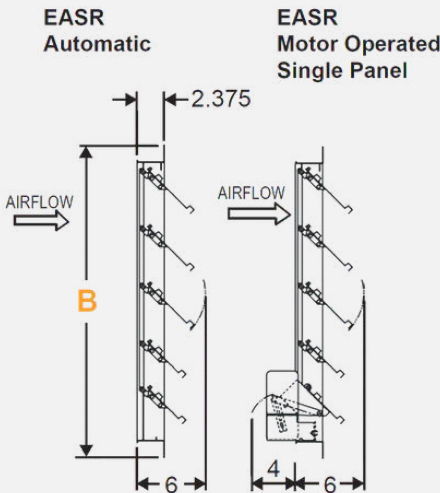
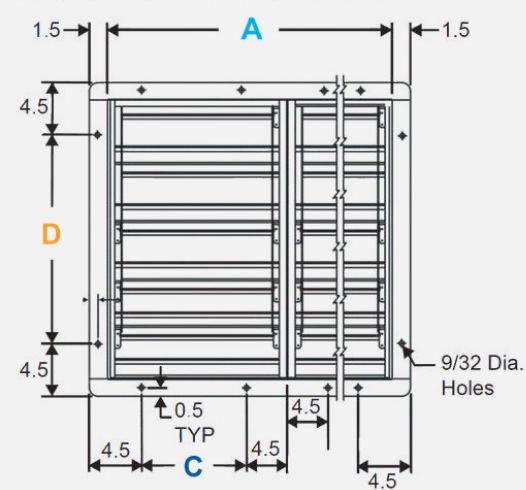
EASR-MF44 - EASR-MF56 are two-panel construction. EASR-MF62 is a three-panel. If used for Supply Duty, a Motor Actuator Kit must be utilized with a shutter. EASR / WC SELECTION / INSTALLATION INFORMATION AND CAUTIONS: The velocity profile near the fan blade tips (spot velocity is non-uniform and will vary by fan model. This spot velocity condition can damage a backdraft damper if it exceeds the maximum recommended backdraft damper velocity. For this reason, it is recommended that the backdraft damper be mounted a minimum of 1/3 the fan diameter away from the fan outlet. It is a good practice to contact the factory when the application has a velocity approaching the maximum allowed or when the fan motor horsepower is 5 or above, or when the fan spot velocity is in excess of the backdraft damper's maximum velocity. See page 79 for information on WRHD Heavy Duty Shutter. Note: When an EASR or WC Shutter is used for exhaust or supply and mounted remotely from the fan, a WS Wall Collar is not needed. The shutter is installed directly on the wall, and a Motor Actuator Kit must be utilized.

EASR MODEL EXHAUST SHUTTER DIMENSIONS

WR HEAVY-DUTY EXHAUST SHUTTERS

EDP No.	Catalog No.	Shutter Size	Number of Panels	Motor Kit (Required number of WRHD)
22746	WRHD42	44" x 44"	2	MK-4621 (1)
22747	WRHD48	50" x 50"	2	MK-4621 (1)
22748	WRHD54	56" x 56"	2	MK-4621 (1)
22749	WRHD60	62" x 62"	3	MK-4620 & MK-4621

EASR Backdraft Shutter Air Entering Side



Model	A	B	C	D	Panels
EASR-MF10	10	13	4	4	1
EASR-MF12	12	15	6	6	1
EASR-MF14	14	17	8	8	1
EASR-MF18	18	21	12	12	1
EASR-MF20	20	23	14	14	1
EASR-MF26	26	29	20	20	1
EASR-MF32	32	35	26	26	1
EASR-MF38	38	41	32	32	2
EASR-MF44	44	47	14.5	38	2
EASR-MF50	50	53	17.5	44	2
EASR-MF56	56	59	20.5	50	2
EASR-MF62	62	65	12.67	56	3

ALUMINUM SUPPLY SHUTTERS

WC MODELS

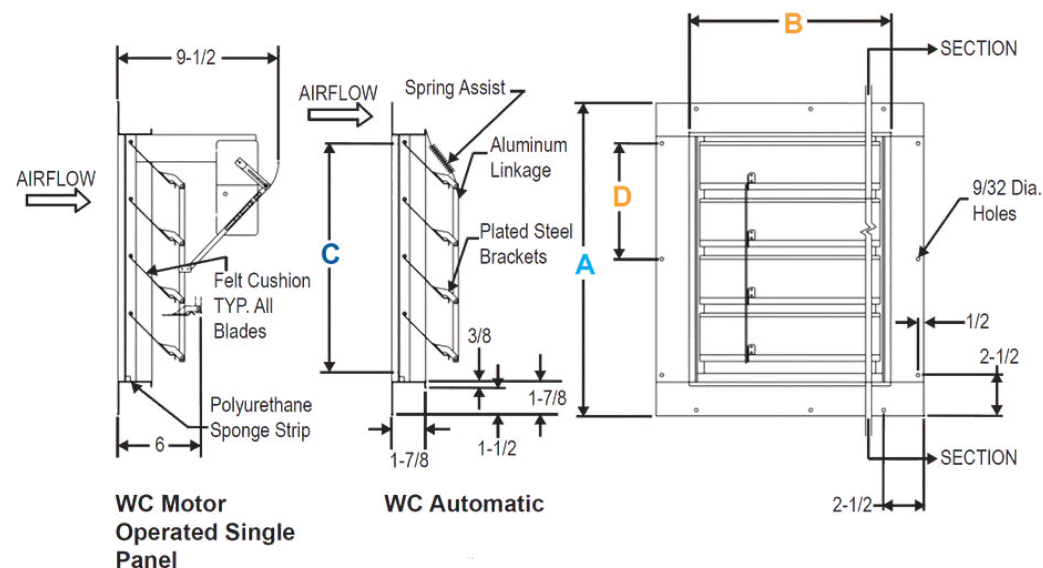
Features	Materials
Indoor / Outdoor, Wall / Ceiling Mounts	24-gauge aluminum blades
Opens with fan pressure	Self-lubricating heavy-duty nylon bearings
Gravity closes when fan is turned off	Felt seals between adjacent blades



EDP No.	Catalog No.	Type	For Fans Diameter	Inside (A)	Outside (B)	Required Opening (Sq. In.)	No. Holes 17/64" Diameter	Sections (Panels)	Motor Kits	Ship Wt.
22754	WC9	Supply	10"	11" Sq.	14" Sq.	11 ¾"	8	1	MK-5047	3
22755	WC10	Supply	10"	12" Sq.	15" Sq.	12 ¾"	8	1	MK-5047	4
22611	WC12	Supply	12"	14" Sq.	17" Sq.	14 ¾"	8	1	MK-5047	4
22621	WC16	Supply	16"	18" Sq.	21" Sq.	18 ¾"	12	1	MK-5047	5
22631	WC18	Supply	18"	20" Sq.	23" Sq.	20 ¾"	12	1	MK-5047	7
22641	WC24	Supply	24"	26" Sq.	29" Sq.	26 ¾"	12	1	MK-5047	9
22651	WC30	Supply	30"	32" Sq.	35" Sq.	32 ¾"	16	1	MK-5047	12
22661	WC36	Supply	36"	38" Sq.	41" Sq.	38 ¾"	16	1	MK-5047	17
22671	WC42	Supply	42"	44" Sq.	47" Sq.	44 ¾"	20	2	MK-4782	22
22681	WC48	Supply	48"	50" Sq.	53" Sq.	50 ¾"	20	2	MK-4782	25
22691	WC54	Supply	54"	56" Sq.	59" Sq.	56 ¾"	24	2	MK-4782	28
22701	WC60	Supply	60"	62" Sq.	65" Sq.	62 ¾"	24	3	(1) MK-4782 & (1) MK-5047 required	31

The velocity profile near the fan blade tips (spot velocity) is non-uniform and will vary by fan model. This spot velocity condition can damage a backdraft damper if it exceeds the maximum recommended backdraft damper velocity. For this reason, it is recommended that the backdraft damper be mounted a minimum of 1/3 the fan diameter away from the fan outlet.

WC MODEL SUPPLY SHUTTER DIMENSIONS



Model	A	B	C	D	Panels
WC9	14	11	8	8	1
WC10	15	12	10	10	1
WC12	17	14	12	12	1
WC16	21	18	16	8	1
WC18	23	20	18	9	1
WC24	29	26	24	12	1
WC30	35	32	30	10	1
WC36	41	38	36	12	1
WC42	47	44	42	10.5	2
WC48	53	50	48	12	2
WC54	59	56	54	9	2
WC60	65	62	60	10	3

SUPPLY DUTY INFORMATION

Airmaster offers a supply duty option for the EPR, EXG, PD, HV, PB, and HA series wall fans. The fans are custom-built with the venturi facing the motor, allowing the fan to blow air into the building while still having the motor on the inside. Supply Duty Fans are custom-ordered products and are non-cancelable, non-returnable once in production.

To order a Supply Duty Fan, add "S" to the EDP number. Call to quote.

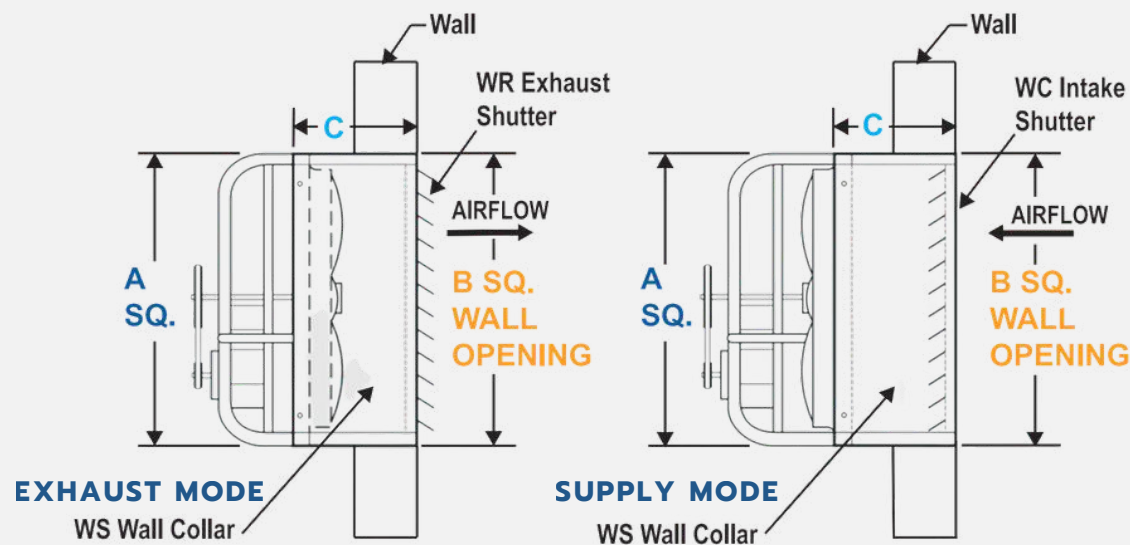
Recommended optional accessories include the WC supply shutters, WS wall collars, WH weather hoods, FG front guards, and RG rear guards.

WC SUPPLY SHUTTER SELECTION / INSTALLATION INFORMATION & CAUTIONS:

The velocity profile near the fan blade tips (spot velocity) is non-uniform and will vary by fan model. This spot velocity condition can damage a backdraft damper if it exceeds the maximum recommended backdraft damper velocity. For this reason, it is recommended that the backdraft damper be mounted a minimum of 1/3 the fan diameter away from the fan outlet.

WALL COLLARS

WS MODEL



EDP No.	Catalog No.	Prop Dia.	A Sq.	B Sq. Wall Opening	C	Ship Wt.	Exhaust Shutter		Supply Shutter		Supply Motor Side (Rear Guard)	
							EDP No.	Cat No.	EDP No.	Cat No.	EDP No.	Cat No.
06883	WS10	10 EPR	14	15	12	14	22970	EASR-MF10	22754	WC9	--	--
06884	WS12	12	16	17	12	15	22971	EASR-MF12	22755	WC10	23605	12RG
06885	WS16E	16 EPR	20	21	12	20	22972	EASR-MF14	22611	WC12	--	--
06886	WS18E	16	22	23	12	20	22973	EASR-MF18	22621	WC16	23610	16RG
06894	WS18	18	24	25	12	19	22974	EASR-MF20	22631	WC18	23615	18RG
06887	WS24	24	30	31	14	31	22975	EASR-MF26	22641	WC24	23620	24RG
06888	WS30	30	36	37	14 ½	42	22976	EASR-MF32	22651	WC30	23625	30RG
06889	WS36	36	42	43	17	61	22977	EASR-MF38	22661	WC36	23630	36RG
06890	WS42	42	48	49	19	89	22978	EASR-MF44	22671	WC42	23635	42RG
06891	WS48	48	54	55	21	112	22979	EASR-MF50	22681	WC48	23640	48RG
06892	WS54	54	60	61	23	149	22980	EASR-MF56	22691	WC54	23645	54RG
06893	WS60	60	66	67	25	178	22981	EASR-MF62	22701	WC60	23650	60RG

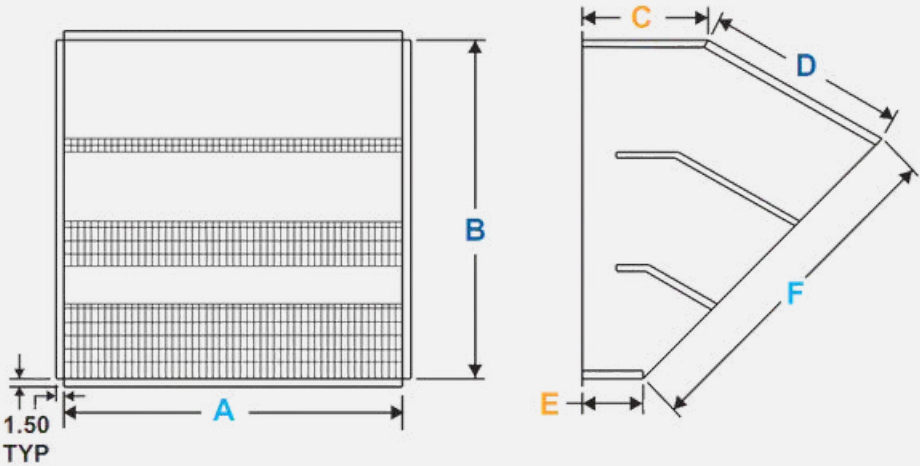
Safety motor side (rear) guards are included on all EPR, and 18" & 24" PD series fans. For epoxy coating of Wall Collars, add \$285 to list price. Notes: WS wall collars are shipped knocked down. Fan not included with WS wall collars. Wall collars are galvanized.

WEATHERHOODS

WH MODEL

Designed for dependable exterior air intake and exhaust applications, our weatherhoods feature all-steel construction for long-term structural integrity in demanding environments. Integrated turning vanes provide smooth airflow transition and reduced turbulence, supporting efficient system performance.

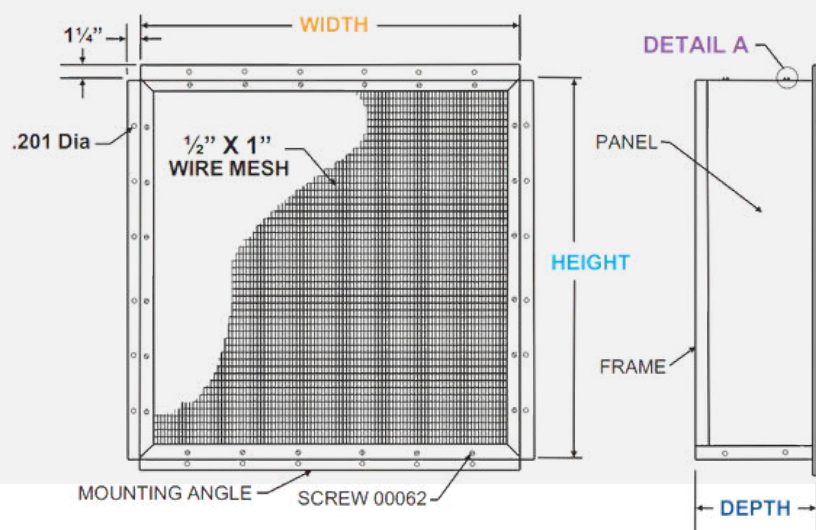
Each unit includes a galvanized finish for enhanced corrosion resistance and extended service life. A factory-installed bird screen helps prevent debris and wildlife intrusion while maintaining proper airflow. Built for durability and performance, these weatherhoods deliver reliable protection at the building envelope.



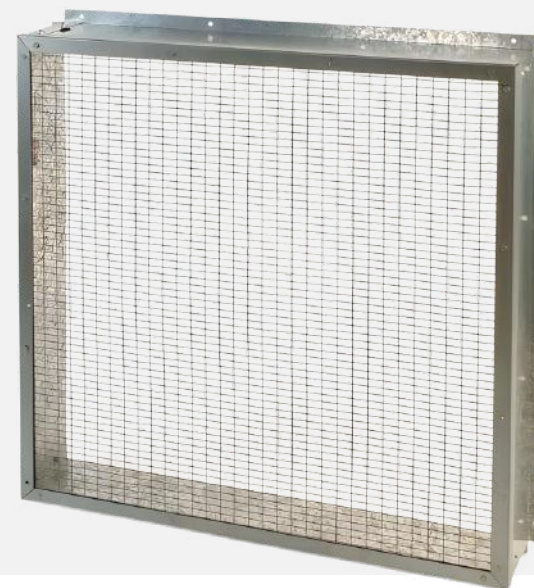
EDP No.	Catalog No.	Size	Dimensions						Ship Wt.
			A	B	C	D	E	F	
99915	WH24	Hood for 24" Unit	30.50	30.50	15.29	18.06	9.43	30.50	67
99916	WH30	Hood for 30" Unit	36.50	36.50	18.30	21.62	11.28	36.50	168
99917	WH36	Hood for 36" Unit	42.50	42.50	21.31	25.17	13.14	42.50	206
99921	WH42	Hood for 42" Unit	48	48	19.42	28.43	10.19	48	231
99923	WH48	Hood for 48" Unit	54	54	21.04	31.98	10.65	54	303
99918	WH54	Hood for 54" Unit	60	60	22.88	35.54	11.34	60	342
99919	WH60	Hood for 60" Unit	66	66	24.04	38.89	11	66	384

FRONT & REAR FAN GUARDS

FG FRONT GUARD

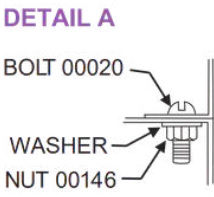
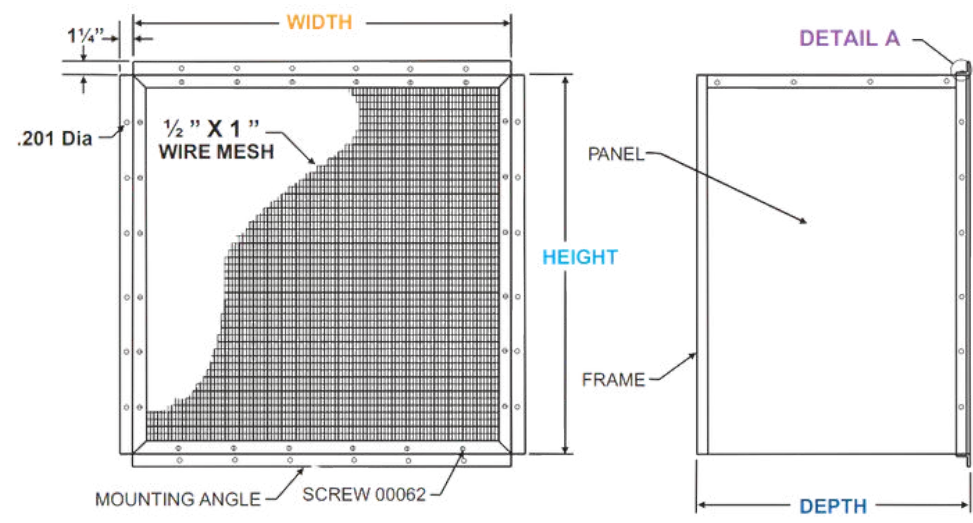


DETAIL A



EDP No.	Catalog No.	Height	Width	Depth	Ship Wt.
23660	12FG	13.75	13.75	6	7
23665	16FG	19.75	19.75	6	10
23670	18FG	21.75	21.75	6	11
23675	24FG	27.75	27.75	6	15
23680	30FG	33.75	33.75	6	18
23685	36FG	39.75	39.75	6	28
23690	42FG	45.75	45.75	6	35
23695	48FG	51.75	51.75	6	40
23700	54FG	57.75	57.75	6	43
23705	60FG	63.75	63.75	6	48

RG REAR GUARD



EDP No.	Catalog No.	Height	Width	Depth	Frame Material	Ship Wt.
23605	12RG	16.25	15.25	16	20 Gauge	7
23610	16RG	22.25	22.25	16	20 Gauge	10
23615	18RG	24.25	24.25	16	20 Gauge	11
23620	24RG	30.54	30.54	25	20 Gauge	15
23625	30RG	36.54	36.54	25	18 Gauge	18
23630	36RG	42.57	42.57	28	18 Gauge	28
23635	42RG	48.57	48.57	34.5	18 Gauge	35
23640	48RG	54.57	54.57	36.5	18 Gauge	40
23645	54RG	60.57	60.57	42.5	18 Gauge	43
23650	60RG	66.57	66.57	44.5	18 Gauge	48

FIXED INTAKE LOUVER

LE47 MODEL 1 Year Warranty

Our LE47 Fixed Intake Louver is an extremely versatile solution designed to complement a wide range of architectural styles while delivering reliable airflow performance. Constructed from durable extruded aluminum, they offer long-lasting, weather-resistant protection in demanding environments. This louver provides both functional flexibility and aesthetic adaptability. A standard bird screen is included for added protection against debris and wildlife intrusion.



EDP No.	Dimensions (in.)	
	Width	Height
94322	12"	12"
94200	12"	18"
94201	12"	24"
94202	12"	30"
94203	12"	36"
94204	12"	42"
94205	12"	48"
94206	12"	54"
94207	12"	60"
94208	12"	66"
94209	12"	72"
94210	12"	78"
94211	12"	84"
94212	12"	90"
94213	12"	96"
94214	18"	12"

CHOOSING THE PROPER LE47

1. Divide the required CFM by the maximum recommended free area velocity (822 FPM). Free area is the actual open area of the louver, approximately 45% of face area.
2. Select a louver from the free area chart that meets the minimum free area requirements.

Example: 6000 CFM air flow

Step 1.

Min. free area = Design CFM

$$\frac{\text{Max. Recommended velocity} = 6000}{822} = 7.299 \text{ Sq. Ft.}$$

Step 2.

From the free area table the approximate louver size is
36" W x 60" H (7.47 Sq. Ft.)

LE47 FREE AREA IN SQUARE FEET

		Width							
		12"	24"	36"	48"	60"	72"	84"	96"
H e i g h t	12"	0.29	0.66	1.04	1.41	1.79	2.12	2.49	2.87
	24"	0.69	1.59	2.49	3.40	4.30	5.08	5.98	6.88
	36"	1.18	2.70	4.22	5.75	7.27	8.61	10.13	11.60
	48"	1.68	3.85	6.03	8.21	10.38	12.29	14.47	16.60
	60"	2.08	4.77	7.47	10.16	12.85	15.21	17.90	20.60
	72"	2.57	5.90	9.24	12.57	15.91	18.82	22.16	25.40
	84"	2.97	6.83	10.69	14.55	18.41	21.79	25.65	29.50
	96"	3.46	7.94	12.42	16.91	21.39	25.31	29.80	34.2

Add 10% for Angle (Flanged) Frames. Add \$21.67 per foot of width for Sill Extensions. Note: Width and Height are wall opening sizes. Louvers are made 1/2" under size.

LE47 MODEL

EDP No.	Dimensions (in.)		EDP No.	Dimensions (in.)		EDP No.	Dimensions (in.)		EDP No.	Dimensions (in.)	
	Width	Height		Width	Height		Width	Height		Width	Height
94318	18"	18"	94315	24"	24"	94312	30"	30"	94311	36"	36"
94387	18"	24"	94228	24"	30"	94240	30"	36"	94293	36"	42"
94215	18"	30"	94314	24"	36"	94241	30"	42"	94310	36"	48"
94216	18"	36"	94229	24"	42"	94242	30"	48"	94253	36"	54"
94217	18"	42"	94313	24"	48"	94243	30"	54"	94254	36"	60"
94218	18"	48"	94230	24"	54"	94244	30"	60"	94255	36"	66"
94219	18"	54"	94231	24"	60"	94245	30"	66"	94256	36"	72"
94220	18"	60"	94232	24"	66"	94246	30"	72"	94257	36"	78"
94221	18"	66"	94233	24"	72"	94247	30"	78"	94259	36"	84"
94222	18"	72"	94234	24"	78"	94248	30"	84"	94260	36"	90"
94223	18"	78"	94235	24"	84"	94249	30"	90"	94261	36"	96"
94224	18"	84"	94236	24"	90"	94250	30"	96"	94262	42"	12"
94225	18"	90"	94237	24"	96"	94391	36"	12"	94263	42"	18"
94226	18"	96"	94238	30"	12"	94251	36"	18"	94264	42"	24"
94296	24"	12"	94239	30"	18"	94349	36"	24"	94266	42"	30"
94227	24"	18"	94377	30"	24"	94252	36"	30"	94269	42"	36"

CONTINUED ON PAGE 88

LE47 MODEL

EDP No.	Dimensions (in.)		EDP No.	Dimensions (in.)		EDP No.	Dimensions (in.)		EDP No.	Dimensions (in.)	
	Width	Height		Width	Height		Width	Height		Width	Height
94308	42"	42"	94304	48"	48"	94289	54"	54"	94553	60"	60"
94270	42"	48"	94517	48"	54"	94538	54"	60"	94554	60"	66"
94273	42"	54"	94303	48"	60"	94539	54"	66"	94555	60"	72"
94276	42"	60"	94518	48"	66"	94540	54"	72"	94556	60"	78"
94278	42"	66"	94519	48"	72"	94541	54"	78"	94557	60"	84"
94279	42"	72"	94520	48"	78"	94542	54"	84"	94558	60"	90"
94508	42"	78"	94521	48"	84"	94543	54"	90"	94559	60"	96"
94509	42"	84"	94522	48"	90"	94544	54"	96"	94560	66"	12"
94510	42"	90"	94523	48"	96"	94545	60"	12"	94561	66"	18"
94511	42"	96"	94524	54"	12"	94546	60"	18"	94562	66"	24"
94512	48"	12"	94525	54"	18"	94547	60"	24"	94563	66"	30"
94513	48"	18"	94526	54"	24"	94548	60"	30"	94564	66"	36"
94514	48"	24"	94527	54"	30"	94549	60"	36"	94565	66"	42"
94515	48"	30"	94528	54"	36"	94550	60"	42"	94566	66"	48"
94306	48"	36"	94529	54"	42"	94551	60"	48"	94567	66"	54"
94516	48"	42"	94530	54"	48"	94552	60"	54"	94568	66"	60"

LE47 MODEL

EDP No.	Dimensions (in.)		EDP No.	Dimensions (in.)		EDP No.	Dimensions (in.)		EDP No.	Dimensions (in.)	
	Width	Height		Width	Height		Width	Height		Width	Height
94569	66"	66"	94584	72"	72"	94600	78"	78"	94616	84"	84"
94570	66"	72"	94585	72"	78"	94601	78"	84"	94617	84"	90"
94571	66"	78"	94586	72"	84"	94602	78"	90"	94618	84"	96"
94572	66"	84"	94587	72"	90"	94603	78"	96"	94619	90"	12"
94573	66"	90"	94588	72"	96"	94604	84"	12"	94620	90"	18"
94574	66"	96"	94589	78"	12"	94605	84"	18"	94621	90"	24"
94575	72"	12"	94590	78"	18"	94606	84"	24"	94622	90"	30"
94576	72"	18"	94591	78"	24"	94607	84"	30"	94623	90"	36"
94577	72"	24"	94592	78"	30"	94608	84"	36"	Louvers come with Standard Channel Frame. Contact us for custom requirements. For Special Custom Order Prodcuts - Once in production, orders are non-cancellable, non-returnable, and non-refundable under any circumstances.		
94578	72"	30"	94593	78"	36"	94609	84"	42"			
94579	72"	36"	94594	78"	42"	94610	84"	48"			
94580	72"	42"	94595	78"	48"	94611	84"	54"			
94284	72"	48"	94596	78"	54"	94612	84"	60"			
94581	72"	54"	94597	78"	60"	94613	84"	66"			
94582	72"	60"	94598	78"	66"	94614	84"	72"			
94583	72"	66"	94599	78"	72"	94615	84"	78"			

ADJUSTABLE INTAKE LOUVER

LE47A MODEL 1 Year Warranty

Our Adjustable Intake Louver provides the same durable, weather-resistant performance as our fixed models, with the added advantage of airflow control. Constructed from extruded aluminum for long-term corrosion resistance and structural integrity, this louver is ideal for architectural applications where both appearance and performance matter. The key distinction is its operable blade design, allowing users to regulate intake airflow as conditions change, improving ventilation efficiency, comfort control, and system responsiveness. Available in a wide range of colors and configuration options, each unit includes a standard bird screen for protection against debris and wildlife intrusion.



CHOOSING THE PROPER LE47A

1. Divide the required CFM by the maximum recommended free area velocity (740 FPM). Free area is the actual open area of the louver, approximately 45% of face area.
2. Select a louver from the free area chart that meets the minimum free area requirements.

Example: 6000 CFM air flow

Step 1.

Min. free area = Design CFM

$$\frac{\text{Max. Recommended velocity} = 6000}{740} = 8.108 \text{ Sq. Ft.}$$

Step 2.

From the free area table the approximate louver size is
36" W x 72" H (8.49 Sq. Ft.)

LE47A FREE AREA IN SQUARE FEET

		Width				
		12"	24"	36"	48"	60"
H e i g h t	12"	0.20	0.45	0.71	0.96	1.22
	24"	0.59	1.35	2.77	2.87	3.63
	36"	1.11	2.56	4.01	5.45	6.90
	48"	1.56	3.57	5.59	7.01	9.05
	60"	1.97	4.53	7.08	9.64	12.20
	72"	2.36	5.43	8.49	11.55	14.62
	84"	2.74	6.30	9.86	13.41	16.97
	96"	3.31	7.61	11.91	16.20	20.50

Add 10% for Angle (Flanged) Frames. Add \$21.67 per foot of width for Sill Extensions
Note: Width and Height are wall opening sizes. Louvers are made 1/2" under size.

EDP No.	Dimensions (in.)		No. of Blades
	Width	Height	
94366	12"	12"	1
94361	12"	18"	2
94365	12"	24"	3
94367	12"	30"	4
94364	12"	36"	5
94368	12"	42"	6
94369	12"	48"	8
94370	12"	54"	9
94378	12"	60"	10
94379	12"	66"	11
94380	12"	72"	12
94381	12"	78"	13
94382	12"	84"	14
94383	12"	90"	16
94385	12"	96"	17
94413	18"	12"	1

LE47A MODEL

EDP No.	Dimensions (in.)		No. of Blades	EDP No.	Dimensions (in.)		No. of Blades	EDP No.	Dimensions (in.)		No. of Blades	EDP No.	Dimensions (in.)		No. of Blades
	Width	Height			Width	Height			Width	Height			Width	Height	
94363	18"	18"	2	94355	24"	24"	3	94350	30"	30"	4	94344	36"	36"	5
94388	18"	24"	3	94354	24"	30"	4	94401	30"	36"	5	94448	36"	42"	6
94375	18"	30"	4	94394	24"	36"	5	94436	30"	42"	6	94343	36"	48"	8
94353	18"	36"	5	94424	24"	42"	6	94437	30"	48"	8	94449	36"	54"	9
94390	18"	42"	6	94425	24"	48"	8	94438	30"	54"	9	94342	36"	60"	10
94399	18"	48"	8	94426	24"	54"	9	94439	30"	60"	10	94450	36"	66"	11
94400	18"	54"	9	94427	24"	60"	10	94440	30"	66"	11	94345	36"	72"	12
94403	18"	60"	10	94428	24"	66"	11	94441	30"	72"	12	94451	36"	78"	13
94404	18"	66"	11	94429	24"	72"	12	94442	30"	78"	13	94452	36"	84"	14
94405	18"	72"	12	94430	24"	78"	13	94443	30"	84"	14	94453	36"	90"	16
94406	18"	78"	13	94431	24"	84"	14	94445	30"	90"	16	94454	36"	96"	17
94411	18"	84"	14	94432	24"	90"	16	94446	30"	96"	17	94455	42"	12"	1
94421	18"	90"	16	94433	24"	96"	17	94447	36"	12"	1	94415	42"	18"	2
94422	18"	96"	17	94434	30"	12"	1	94347	36"	18"	2	94456	42"	24"	3
94423	24"	12"	1	94435	30"	18"	2	94392	36"	24"	3	94340	42"	30"	4
94356	24"	18"	2	94351	30"	24"	3	94346	36"	30"	4	94457	42"	36"	5

CONTINUED ON PAGE 92

LE47A MODEL

EDP No.	Dimensions (in.)		No. of Blades
	Width	Height	
94339	42"	42"	6
94458	42"	48"	8
94459	42"	54"	9
94460	42"	60"	10
94461	42"	66"	11
94462	42"	72"	12
94463	42"	78"	13
94464	42"	84"	14
94465	42"	90"	16
94466	42"	96"	17
94467	48"	12"	1
94468	48"	18"	2
94395	48"	24"	3
94402	48"	30"	4
94338	48"	36"	5
94469	48"	42"	6
EDP No.	Dimensions (in.)		No. of Blades
	Width	Height	
94336	48"	48"	8
94470	48"	54"	9
94335	48"	60"	10
94474	48"	66"	11
94334	48"	72"	12
94478	48"	78"	13
94479	48"	84"	14
94480	48"	90"	16
94481	48"	96"	17
94482	54"	12"	1
94483	54"	18"	2
94484	54"	24"	3
94485	54"	30"	4
94486	54"	36"	5
94487	54"	42"	6
94488	54"	48"	8
EDP No.	Dimensions (in.)		No. of Blades
	Width	Height	
94331	54"	54"	9
94489	54"	60"	10
94490	54"	66"	11
94491	54"	72"	12
94494	54"	78"	13
94495	54"	84"	14
94496	54"	90"	16
94497	54"	96"	17
94498	60"	12"	1
94499	60"	18"	2
94500	60"	24"	3
94501	60"	30"	4
94502	60"	36"	5
94329	60"	42"	6
94330	60"	48"	8
94503	60"	54"	9
EDP No.	Dimensions (in.)		No. of Blades
	Width	Height	
94328	60"	60"	10
94504	60"	66"	11
94396	60"	72"	12
94505	60"	78"	13
94506	60"	84"	14
94507	60"	90"	16
94393	60"	96"	17

Louvers come with Standard Channel Frame. Contact us for custom requirements.

For Special Custom Order Products - Once in production, orders are non-cancellable, non-returnable, and non-refundable under any circumstances.

OPTIONAL LOUVER SCREENS

Screen Type	List / Sq. Ft.
1/2" .063 aluminum screen	\$4.43
1/2" .047 aluminum screen	\$12.76
1/4" .047 aluminum screen	\$26.73
1/2" .041 galvanized screen	No Add
1/2" .063 galvanized screen	\$4.80
1/4" .041 galvanized screen	\$19.83
1/2" .047 stainless steel (304) screen	\$15.41
1/2" .063 stainless steel (304) screen	\$20.72
Aluminum Insect Screen	\$5.49
Galvanized Insect Screen	\$5.49
Stainless Steel Insect Screen	\$8.86
No Screen DEDUCT	DEDUCT \$5.47

MOTORIZED OR CHAIN PULL ACTUATORS LOUVERS

For Motorized or Chain Pull Actuators Louver, Order LE47A and Motor or Chain Pull Actuator

EDP No.	Catalog No.	Voltage	Description
81642	BCMA-405	115V	Actuator
81640	BCMA-305	24V	Actuator
81639	BCMA-419	230V	Actuator
81637	MA6-405	115V	Hazardous Location Actuator with Explosion Proof Motor & Linkage (no mfg. brackets included)
81645	Chain Actuator	-	Plated Steel Spring, 5' Chain, Wall Claw
81636	Panel Crank	-	Manual Hand Crank

THERMOSTATS & HUMIDISTATS

Our Thermostats and Humidistats provide dependable automatic control of temperature and humidity levels in ventilation systems. Designed to improve efficiency and maintain optimal indoor conditions, they ensure fans and air movement equipment operate only when needed.

EDP No.	Catalog No.	Description
89576*	XRA-4	Thermostat (Wall Mt.) 60° to 100° range
24820	T-1	Temp. Switch (Wall Mt.) 45° to 85° range
90783	TS631	Temp. Switch (Attic Mt.) 70° to 140° range
24880	H-1	Humidistat 20% to 80% RH range

*Single Phase for use up to 3/4 HP

MOTOR CONVERSION KITS & MANUAL MOTOR STARTERS

Our Motor Conversion Kits and Manual Motor Starters provide dependable solutions for motor upgrades and safe equipment control. Conversion kits simplify retrofitting or replacing motors to extend fan life and maintain performance, while manual motor starters offer reliable on/off control with built-in overload protection.

EDP No.	Catalog No.	Description
22982	MTR-556 SP	120/240 Volt, for 10 in. sq. - 32 in. sq. exhaust shutters
22983	MTR-556 DP	120/240 Volt, for 36 in. sq. - 48 in. sq. exhaust shutters
22984	MTR-885 DP	120/240 Volt, for 56 in. sq. - 63 in. sq. exhaust shutters
85388	Switch	115V, 2 Speed, 1 Phase, 3/4 Max HP, 60 Hz Manual Motor Starter without provision for overload protector

Please specify the voltage needed when ordering. Units are for single-phase operation.
See pages 78-81 for EASR/WC selection and installation information and cautions.
See page 79 for WRHD Heavy Duty Shutter Information.

SUPPLY MOTOR KITS FOR WC SHUTTERS *ONLY*

A reliable solution for powering and upgrading shutter assemblies. Designed specifically for compatibility with WC shutter models, these kits ensure smooth, consistent operation and proper airflow control. Engineered for durability and straightforward installation, they help extend equipment life while maintaining dependable performance in commercial and industrial ventilation systems.

EDP No.	Catalog No.	Description
22900	MK5047-B	120/240 Volt, 9" - 36" Supply Shutters
22905	MK5047-C	440 Volt, for 9" - 36" Supply Shutters
22908	MK5047-E	550 Volt, for 9" - 36" Supply Shutters
22910	MK-4782-F	120/420 Volt, for 42" - 48" Supply Shutters
22915	MK-4782-C	440 Volt, for 42" - 48" Supply Shutters
22918	MK-4782-E	550 Volt, for 42" - 48" Supply Shutters

Please specify voltage needed when ordering. Units are for single phase operation. 54" Supply Shutter Requires: (1) MK-4782 Motor Kit 60" Supply Shutter Requires: (1) MK-5047 and (1) MK-4782 Motor Kit. See pages 78-81 for EASR-MF/WC selection and installation information and cautions. Note: Shutter Motor Kits are "power open - spring close". The power opens the shutter and holds it open until the power is turned off, then a spring on the motor closes the shutter.

MANUAL CHAIN OPERATORS FOR EASR EXHAUST SHUTTERS

Simple, dependable control of shutter position without the need for electrical power. Designed specifically for compatibility with EASR exhaust shutter models, they allow convenient manual opening and closing to regulate airflow as needed. Built for durability and smooth operation, these operators offer a practical, low-maintenance solution for commercial and industrial ventilation applications.

EDP No.	Catalog No.	Description
80111	Manual Chain Operator	for EASR-MF 10" - 38" 1 Panel Shutter
80112	Manual Chain Operator	for EASR-MF 44" - 54" 2 Panel Shutter

A background image featuring a bokeh effect of out-of-focus lights in warm yellow and cool blue tones, creating a sense of depth and technology.

ENGINEERED SYSTEM SOLUTIONS

ENGINEERING DEPTH
SYSTEM CONTROL
LEAD-TIME DOMINANCE
REAL-WORLD APPLICATIONS

ENGINEERING DEPTH

A TRUE SYSTEM, NOT A COLLECTION OF PARTS

Complex ventilation projects often fail when individual components are selected independently and expected to perform as a system. Airflow becomes unbalanced, controls fight each other, and performance drifts over time. Airmaster eliminates that risk by delivering a single, engineered ventilation system designed, configured, and supported as one coordinated package.

Airmaster provides fully engineered systems built from more than 150 modular components, assembled into complete, application-specific solutions, integrating

- Exhaust and supply fans
- Dampers and louvers
- Controls and staging logic
- Heaters, filters, and accessories
- Mounting, housings, and transitions

Everything is selected and sized to operate together, reducing field adjustments, startup issues, and performance drift over time.



SYSTEM CONTROL

HOW AIRMASTER SPEC SYSTEMS ARE DEVELOPED

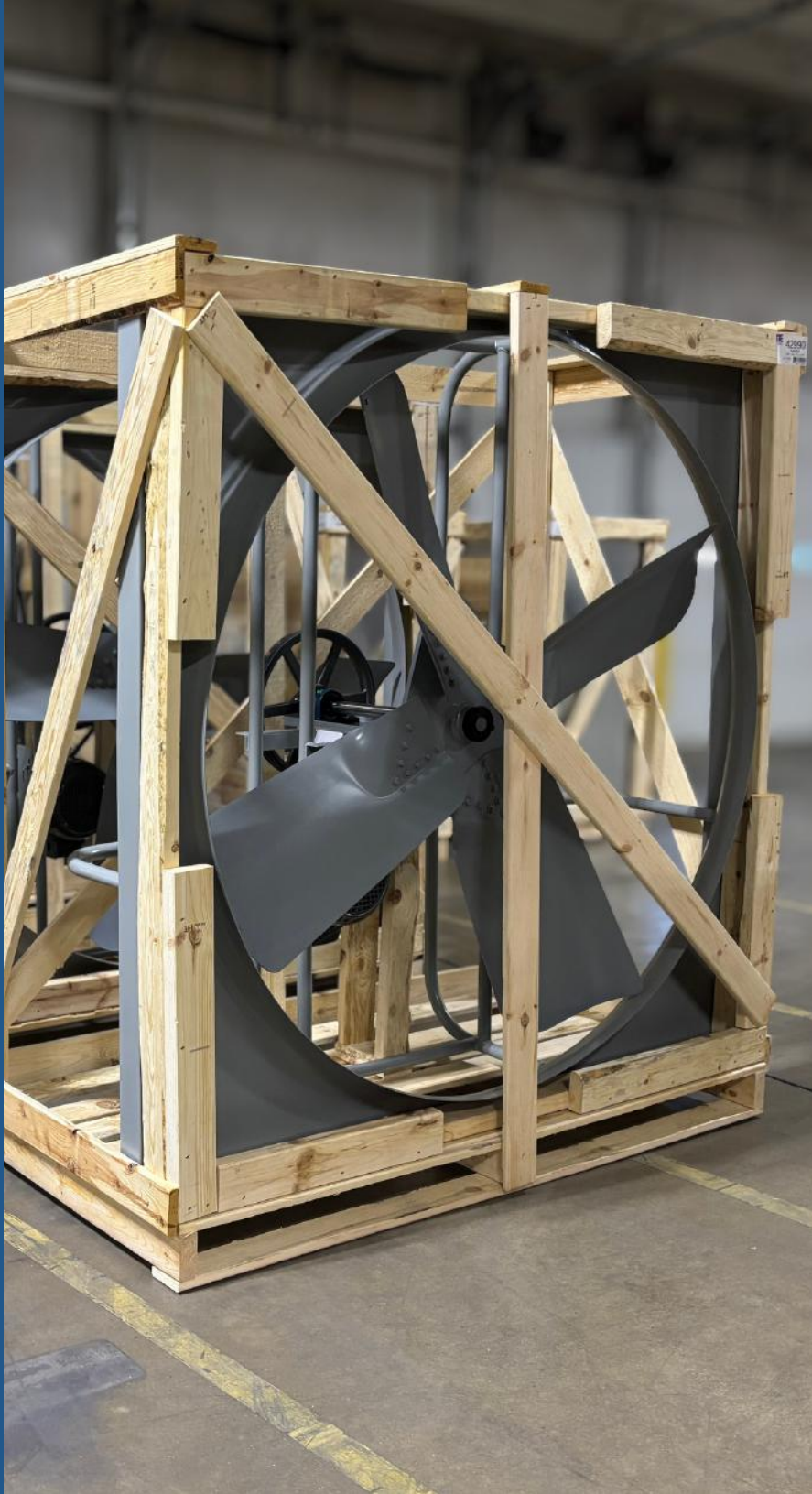
Every ventilation system begins with a clear understanding of how the space is used, how air needs to move, and what conditions must be controlled. Airmaster works from real operating requirements, not generic assumptions, to define the right system for each application.

Using a flexible, component-based platform, systems are configured to match building size, airflow targets, exhaust and makeup air balance, and environmental demands such as heat, moisture, and airborne contaminants. Control strategies, staging, and energy use are selected to support both performance and operating cost over time.

Since Airmaster systems are built from a broad library of compatible components, adjustments can be made quickly as project details evolve. Whether airflow requirements change, space constraints shift, or schedules tighten, the system can be refined without restarting the process or introducing long delays.

The outcome is a fully defined ventilation package that reflects how the facility will actually operate. Our systems are engineered for reliability, configured for efficiency, and delivered with the speed required to keep projects moving.





LEAD-TIME DOMINANCE

SPEED IS THE SYSTEM ADVANTAGE

Fast, engineered delivery is not an afterthought at Airmaster; it is a core design principle.

Airmaster's ability to generate value through speed is rooted in its localized, vertically integrated business model. By consolidating design, engineering, fabrication, and assembly within a single Michigan facility, the company effectively removes the logistical bottlenecks and communication delays that typically plague global supply chains. This internal control allows engineered system quotes to be delivered in approximately half the time of competitors, providing project managers with the rare luxury of early budget certainty and schedule stability.

In the high-stakes environments of construction and retrofit, these compressed timelines are essential for maintaining the momentum of a project. Because modern construction often operates on narrow margins, a delay in ventilation can stall subsequent trades like electrical or interior finishing, turning a single component into a major financial bottleneck.

By prioritizing fast delivery as a core design principle, Airmaster ensures that the ventilation system acts as a catalyst for project completion rather than a source of cascading cost and operational risk.

REAL-WORLD

APPLICATIONS

Airmaster ventilation systems serve as critical infrastructure across a diverse range of global industries, providing the environmental stability necessary for both specialized machinery and human safety.

In food processing, agriculture, and forestry, these systems manage high-stakes demands by facilitating climate-controlled defrosting and maintaining the air quality essential for livestock and lumber preservation.

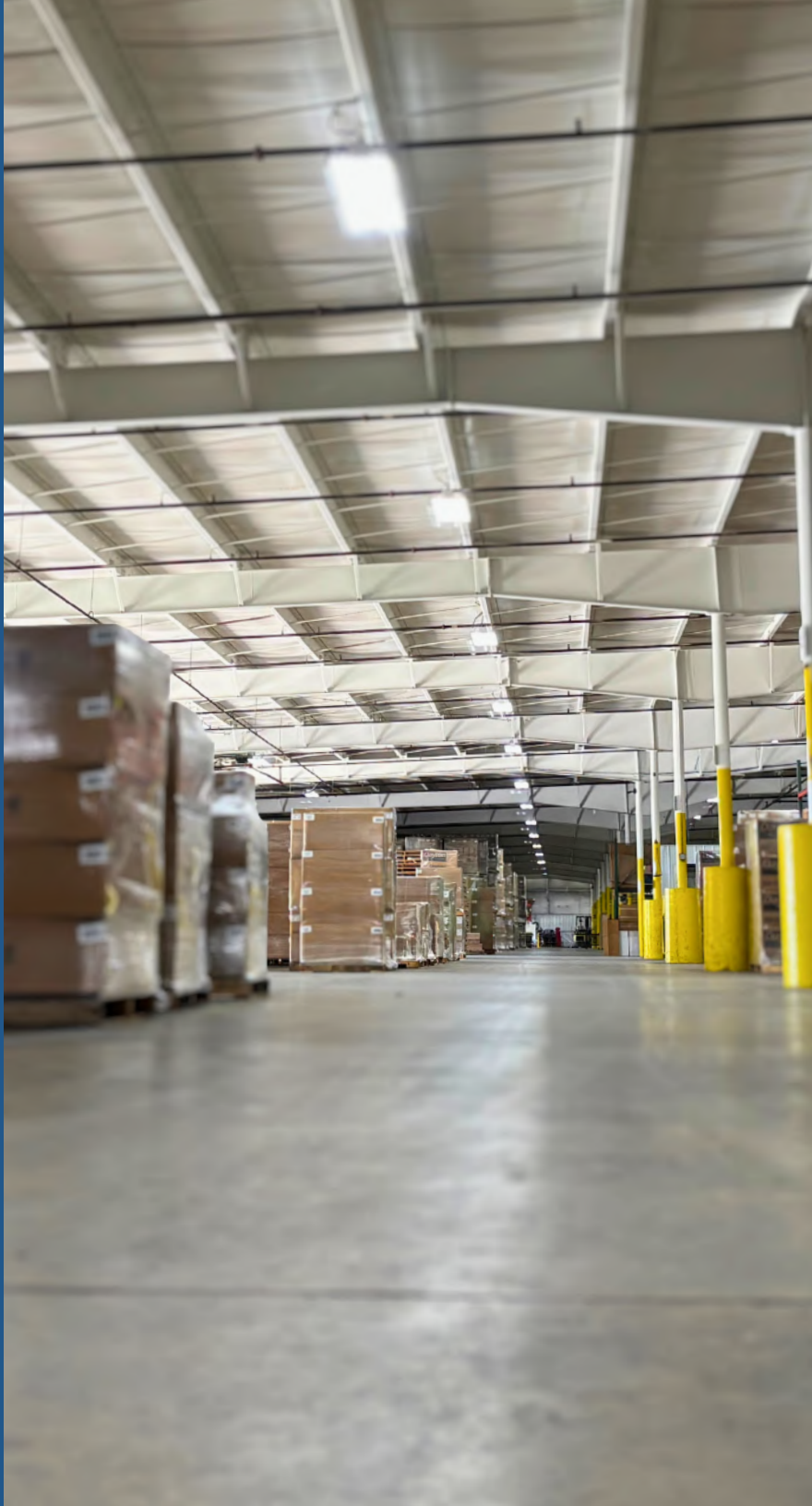
In hospitals and education, the focus shifts to infection control and indoor air quality, utilizing advanced filtration to eliminate airborne risks while ensuring learning environments remain quiet and energy-efficient.

The reliability of these systems is equally vital for technical and heavy-industrial operations, such as data centers and utilities. As compute densities rise to support AI and cloud workloads, Airmaster's mission-critical ventilation manages extreme thermal loads to prevent localized hotspots and ensure hardware uptime.

Beyond these core sectors, these solutions are essential for transportation hubs, modular construction, and large-scale infrastructure projects.

Whether maintaining the pressure balance in a high-tech cleanroom or providing durable air circulation in a transit garage, Airmaster provides a rapidly delivered solution that ensures the operational continuity of the facility it serves.





AIRMASTER

QUALITY YOU CAN FEEL

SUPPORT & QUOTING



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HEADQUARTERS



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OUR INVITATION TO YOU

Seeing is believing, and we welcome the opportunity to show you around our headquarters in Clarklake, Michigan. During your visit to our 120,000 sq. ft. manufacturing facility, you'll gain a clear understanding of our capabilities, cutting-edge technology, and the disciplined processes that produce climate control products built to perform and engineered to last. Most importantly, you'll see what truly sets Airmaster apart is our people: skilled professionals whose expertise, commitment, and craftsmanship represent an American standard of hard work and pride that simply can't be matched.

TOTAL CLIMATE CONTROL

See our complete line of air flow
solutions, including fans, circulators,
and heaters, at

WWW.AIRMASTERFAN.COM

