

PAXTON
PRODUCTS

Centrifugal Blowers, Air Knives & Drying Systems



AT Series

HIGH PERFORMANCE

Centrifugal Blowers

ITW Air Management

equintech



HIGH PERFORMANCE **Centrifugal Blowers**

Paxton Products, an innovator in moving air for the racing industry since 1957, introduced the first compact centrifugal blower for industrial applications in the mid-70's. With well over four decades in the design and manufacture of air moving products, we're still setting the standard today as a worldwide leader in air blower products and technology. Every Paxton blower is expertly engineered and built to be highly reliable, durable and energy efficient.

Compact in design, Paxton AT-Series Centrifugal Blowers offer highly efficient solutions for process-air or vacuum applications, delivering clean, dry, oil-free air. Top-grade ABEC-9 bearings, precision alignment, and a proven automatic belt tensioning system, combined with our proprietary dynamic balancing, ensures quieter operation, lower maintenance and long service life. The state-of-the-art impeller profile allows every Paxton blower to develop the specified performance level at lower operating speed to reduce energy consumption. Every Paxton unit undergoes full performance testing before it's shipped, accompanied by a best in class, 3-Year Warranty Program.



First in Value

First in Performance

**First in Centrifugal
Blower Technology**





► **Advanced, Efficient Design**

Our third generation, high-efficiency impeller is a key design element to Paxton's advanced line of centrifugal blowers. These impellers generate more airflow at higher pressures and vacuums while allowing a dramatic reduction in blower/exhauster speeds. Delivering the performance at up to 20% lower speeds, means less internal heat, noise, vibration and less power consumption...all of which add up to trouble-free operation, less maintenance, lower operating costs and long service life.



► **Precision Manufacturing**

Every Paxton Centrifugal Blower is constructed with the utmost attention to detail using the highest quality parts, held to strict tolerances. Each rotating component and subassembly is precision balanced before, during and after assembly. The entire unit is then subjected to a rigorous testing phase for vibration, noise and overall performance. No blower leaves the factory without meeting our high standards, to ensure that we are delivering the finest centrifugal blower available.



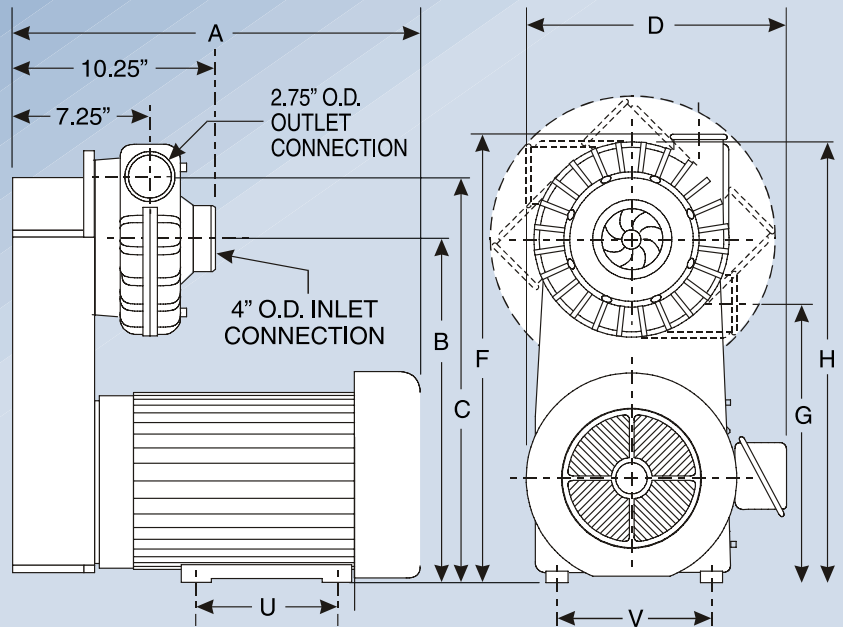
► **Critical Reliability**

Paxton blowers have passed stringent, 8000 hour durability tests required by the military. Our blowers are used in critical, breathing air movement systems on the U.S. Navy nuclear submarine fleet, where they are designed to run 24 hours a day, quietly for a minimum of a full year. To ensure durability, it is Paxton's practice to push its blowers into failure mode to best determine the blower's performance characteristics under extreme conditions.

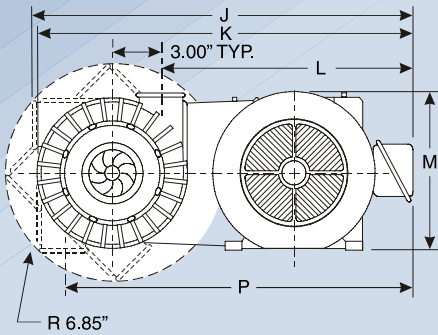


- **Versatile Mounting and Outlet Positions**
- **Wide Range of Performance Levels**
- **Automatic Belt Tensioning**
- **Compact Size**

- **High Efficiency for Lower Energy Costs**
- **Superior Performance and Reliability**
- **Low OSHA Compliant Noise Level**
- **Minimal Maintenance Costs**
- **3-Year Warranty Program**
- **Best Overall Value**



Note on 3 hp units, the back plate is 1/2" lower (minimum) than the motor feet



Allow 2 3/4" spacing for motor mount kit.

NOTE: All dimensions are maximum dimensions, measured in inches.

FRAME SIZE	HORSE POWER	A	B	C	D	F	G	H	J	K	L	M	P	U	V
182TC	3	18.0	15.5	18.5	11.25	20.75	12.5	20.25	22.25	21.75	14.0	8.75	20.0	4.5	7.5
184TC	5	18.0	15.5	18.5	11.25	20.75	12.5	20.25	22.25	21.75	14.0	8.75	20.0	5.5	7.5
213TC	7.5	20.0	18.0	21.0	12.75	23.25	15.0	22.75	25.5	25.0	17.25	10.25	23.25	5.5	8.5
215TC	10	21.5	18.0	21.0	12.75	23.25	15.0	22.75	25.5	25.0	17.25	10.25	23.25	7.0	8.5



1200-20HP

1200-15HP

800-15HP

800-10HP

800-7.5HP

700-10HP

700-7.5HP

700-5HP

700-3HP

Choosing A System For Your Application

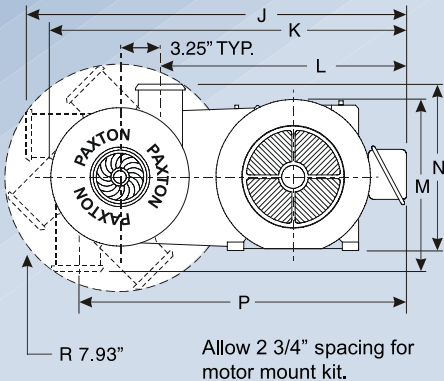
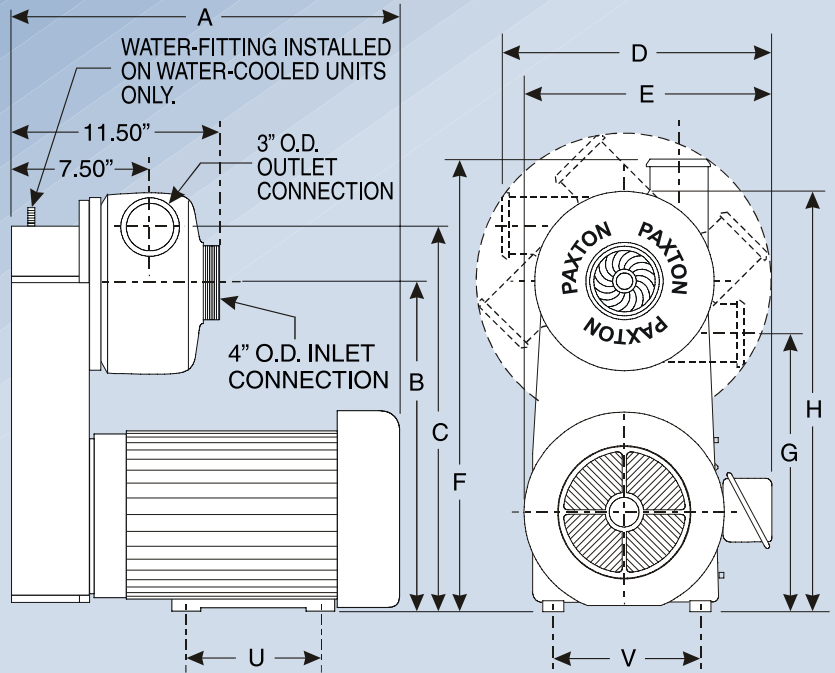
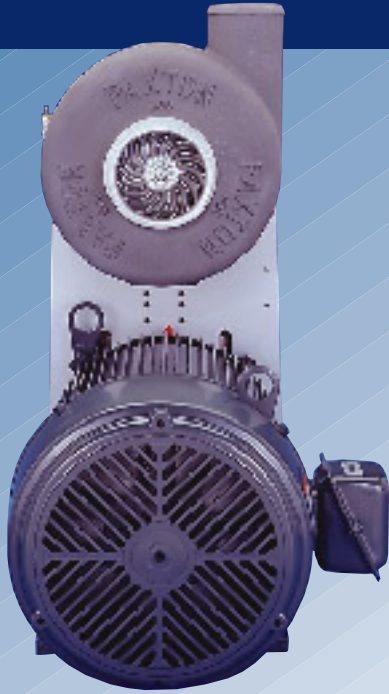
The accompanying blower selection chart can be used to find the AT-Series Blower and motor horsepower needed for your air pressure and flow specifications.

If you require additional data, have questions, or would like assistance in sizing a blower or exhauster to your application or equipment, please don't hesitate to contact us. Our technical service staff and sales representatives are here to help, and we look forward to serving you.

Paxton First...

Whenever Performance,
Reliability, Noise, Space,
Service Life or
Energy Efficiency
is a Factor.

AT-800



NOTE: All dimensions are maximum dimensions, measured in inches.

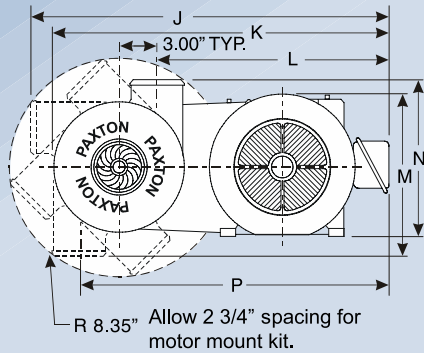
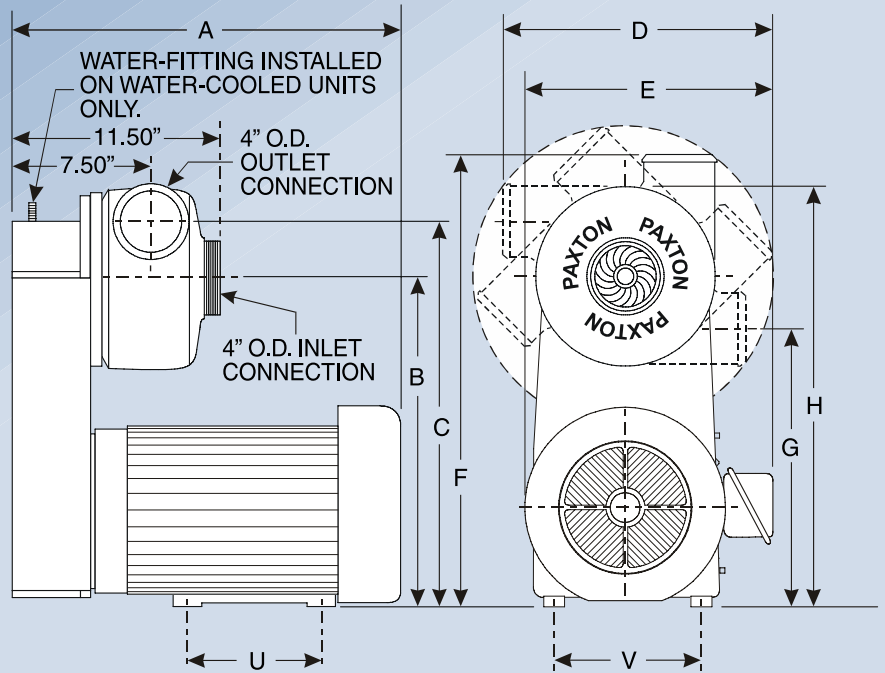
FRAME SIZE	HORSE POWER	A	B	C	D	E	F	G	H	J	K	L	M	N	P	U	V
213TC	7.5	20.0	18.0	21.25	14.0	12.25	24.5	14.75	23.0	26.75	25.0	17.0	11.5	11.75	23.5	5.5	8.5
215TC	10	21.5	18.0	21.25	14.0	12.25	24.5	14.75	23.0	26.75	25.0	17.0	11.5	11.75	23.5	7.0	8.5
215TC	15	22.5	18.0	21.25	14.0	12.25	24.5	14.75	23.0	26.75	25.0	17.0	11.5	11.75	23.5	7.0	8.5

60Hz Operation Only • Standard Voltage • 230/460V 3Phase • Motor T

100										AT1200	AT1200	AT1200
90				AT800	AT800	AT800				AT1200	AT1200	AT1200
80			AT700	AT700	AT800	AT800	AT800	AT800	AT800	AT800	AT800	AT1200
70			AT700	AT700	AT800	AT800	AT800	AT800	AT800	AT800	AT800	AT800
60	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT800
50	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700
40	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700
30	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700
20	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700	AT700
10												
	50	100	150	200	250	300	350	400	450	500	550	

INCHES OF WATER

AT-1200



NOTE: All dimensions are maximum dimensions, measured in inches.

FRAME SIZE	HORSE POWER	A	B	C	D	E	F	G	H	J	K	L	M	N	P	U	V
215TC	15	22.5	18.0	21.0	14.25	12.25	24.75	15.0	23.0	27.0	25.25	17.25	11.75	12.0	23.25	7.0	8.5
256TC	20	26.5	19.0	22.0	16.5	16.25	25.75	16.0	24.0	29.0	27.25	19.5	13.5	13.0	25.5	10.0	10.0

Type - TEFC • Motor Manufacturer- US Electric • EPACT Efficient • Includes Lift Kit

AT1200																					
AT1200	AT1200	AT1200	AT1200	AT1200																	
AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200															
AT800	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200														
AT800	AT800	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200											
AT800	AT800	AT800	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200								
AT700	AT800	AT800	AT800	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200					
AT700	AT700	AT800	AT800	AT800	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200			
AT700	AT700	AT700	AT800	AT800	AT800	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200			
				AT800	AT800		AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200	AT1200			
600	650	700	750	800	850	900	950	1000	1050	1100	1150										

Other blowers available, including our Dual-Head Blower for flows up to 2300 CFM with pressure from 40 to 100 inches of water.

FLOW (CFM)

► Options and Accessories

All of our AT-Series Blowers can be configured as Exhausters for fume extraction, ventilation, vacuum hold down, conveying and many other applications. Water-cooled bearing housings for environments up to 325°, anti-corrosive blowers and special coatings, wash-down capabilities, and other options are readily available. In addition, Paxton can provide a number of accessories to maintain or enhance blower performance, such as air filters, HEPA filters, replacement belts, and the finest sound-abating blower enclosure available. For air knife blow-off or drying applications, Paxton offers a full line of products and world-leading system design experience. Our Application Engineers are ready to assist you with your special needs.



Wash-down Enclosure

***Paxton...the industry leader
for air knife drying systems worldwide!***

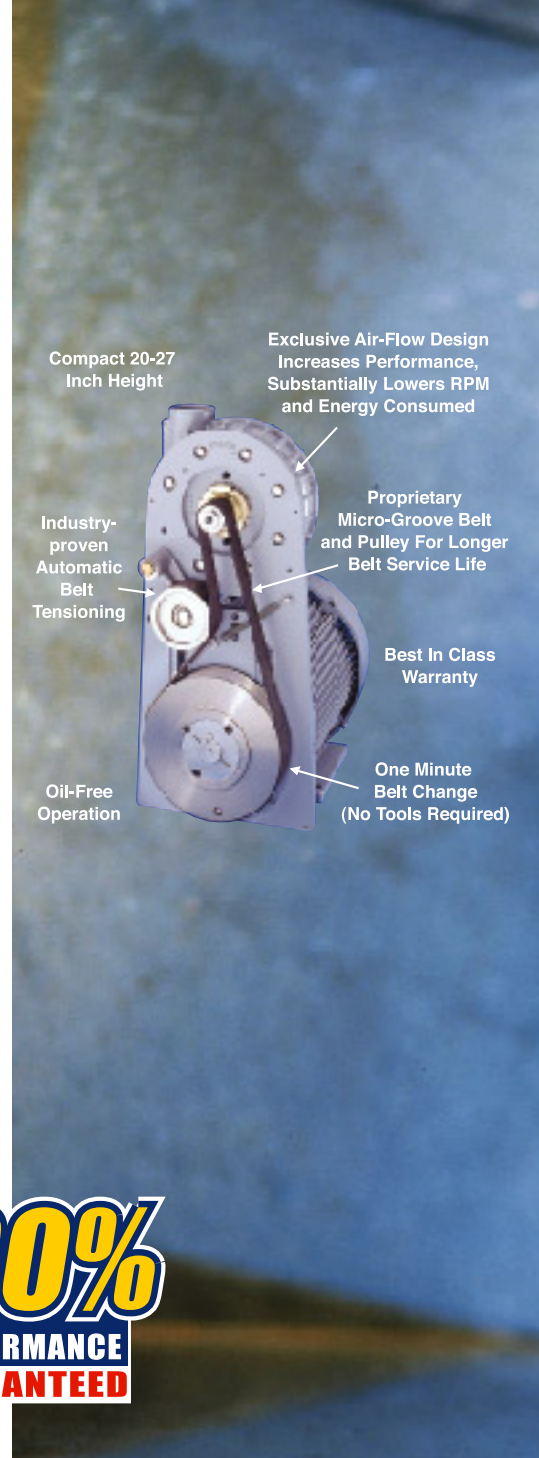
► Air Knife Systems

Major industries and manufacturers throughout the world rely on Paxton for 100% guaranteed performance in drying and blow-off applications. Our highly efficient systems deliver more air at higher velocities than any other comparable products in the industry. The air knives' uniform sheet of high velocity air quickly sheers off and atomizes moisture at product speeds of up to 1000 FPM.

Our technical team's application experience is second to none. Whether it is blow-off cleaning or drying of product, containers, packaging, crates, trays or conveyors, our skilled system designers will be happy to provide a quotation for a complete Paxton Air Knife System tailored to your specific requirements.



- Custom designed, affordable turnkey systems
- Minimal maintenance costs
- Compact footprint and simple installation



Compact 20-27
Inch Height

Exclusive Air-Flow Design
Increases Performance,
Substantially Lowers RPM
and Energy Consumed

Industry-
proven
Automatic
Belt
Tensioning

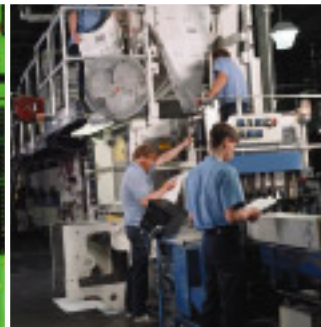
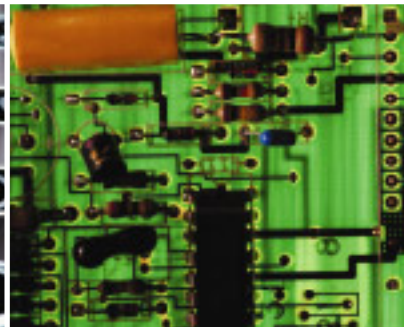
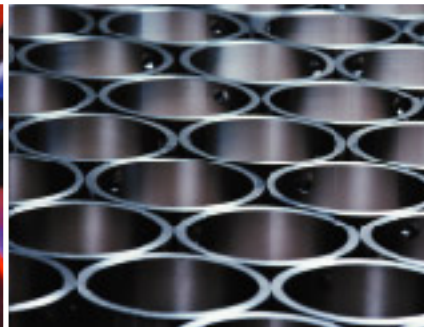
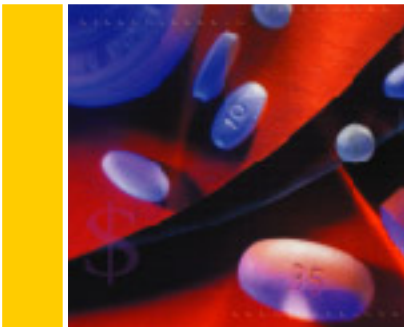
Proprietary
Micro-Groove Belt
and Pulley For Longer
Belt Service Life

Best In Class
Warranty

Oil-Free
Operation

One Minute
Belt Change
(No Tools Required)

100%
PERFORMANCE
GUARANTEED



PAXTON
PRODUCTS

requintech
sarl

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paxtonproducts.com

Vortec has long been recognized as the market leader and innovator of pneumatic products that use compressed air efficiently to solve cooling, cleaning and conveying problems.

Nozzles & Jets



Drastically Reduce Compressed Air Consumption

- Patented design amplifies air
- Helps meet OSHA noise specifications
- Wide range of styles and thrust performance

Round Transvectors



High Volume Airflow Or Vacuum For Many Applications

- Ventilate fumes, smoke and gases
- Cool, clean or dry parts and products
- Vacuum or convey scrap, dust or debris

Sprayvectors



Delivers Ultra-Fine Controlled Spray

- No-clog atomizing nozzles
- Spray application, mist coating or cleaning
- Use for humidification, moisturization, dust suppression

Curtain Transvectors



Air Drying and Blowoff of Wide Surfaces

- Low acquisition cost
- Compact and easily installed
- Delivers uniform sheet of amplified air

Regenerative Blowers



Quality and Performance in an Affordable Blower

- High efficiency
- Pressure or vacuum applications
- Mounting in any orientation

Vortec products are designed to conserve compressed air, reduce factory air-related noise and operating costs, increase equipment efficiency, and improve manufacturing methods and productivity.



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