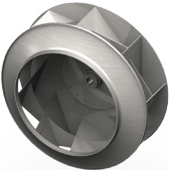
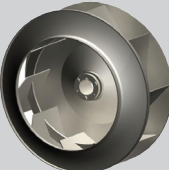


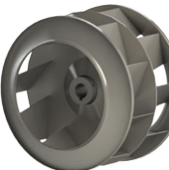




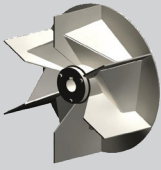
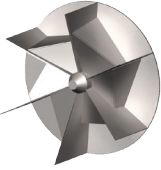


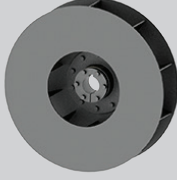



CENTRIFUGAL FANS AND BLOWERS

Industrial Air Technology Corp. manufactures many different types, models and sizes of Centrifugal Industrial Fans and blowers to meet the needs of most industrial applications. We are equally comfortable processing custom designs, as well as our standard designs.



FAN TYPE	SIZE	AMCA CLASS	VOLUME	PRESSURE	TEMPERATURE RANGE
 <p>GPBI General Purpose Backward Inclined Economical, modular design allows for short lead times and a competitive price while offering similar performance to our BISW line up to AMCA Class 3.</p>	12-1/4" - 36" Wheel Diameter	1, 2 & 3	Up to 47,000 CFM	Up to 18.5" WG	-30° to 600°F
 <p>BISW Backward Incline Single Wide Wheels have flat, backwardly inclined, single thickness blades. Non-overloading high efficiency design generates low to moderate pressures.</p>	12-1/4" - 98-1/4" Wheel Diameter	2, 3, 4 & 5	Up to 445,000 CFM	Up to 28" WG	-30° to 800°F
 <p>AFSW Airfoil Single Wide Wheels have aerodynamically shaped blades providing non-overloading, highly efficient performance for relatively clean air applications.</p>	18-1/4" - 89" Wheel Diameter	2, 3 & 4	Up to 315,000 CFM	Up to 28" WG	-30° to 800°F
 <p>BCHS Backward Curved High Speed Wheel Wheels have backward curved blades providing non-overloading, highly efficient performance for relatively clean air applications.</p>	18-3/4" - 90-3/4" Wheel Diameter	Construction Class 30 & 40	Up to 220,000 CFM	Up to 45" WG	-30° to 800°F
 <p>BIDW Backward Incline Double Wide Wheels have flat, backwardly inclined, single thickness blades Non-overloading high efficiency design used for relatively clean air applications with little or no particulate in the airstream.</p>	18-1/4" - 73" Wheel Diameter	2 & 3	Up to 330,000 CFM	Up to 18" WG	-30° to 200°F
 <p>IRO (Paddle Wheel) Industrial Exhauster Series Paddle wheel design used for light to medium material handling applications where moderate pressure and CFM are required.</p>	12-1/4" - 85-1/4" Wheel Diameter	Construction Class 15, 30 & 50	Up to 200,000 CFM	Up to 50" WG	-30° to 1000°F
 <p>IRF (Flat Back Plate) Industrial Exhauster Series Wheel with flat radial blades and flat back plate design prevent stringy or fibrous material from hanging up and wrapping around the blades, and used for light to medium material handling applications.</p>	12-1/4" - 85-1/4" Wheel Diameter	Construction Class 15, 30 & 50	Up to 92,000 CFM	Up to 50" WG	-30° to 1000°F

INDUSTRIAL AIR TECHNOLOGY CORP. WHEEL TYPES

FAN TYPE	SIZE	AMCA CLASS	VOLUME	PRESSURE	TEMPERATURE RANGE
 <p>IRW (Radial Tip) Industrial Exhauster Series Back plated and box gusseted wheels are used for moderate pressure and for heavier fibrous material handling applications (paper, plastic, metal, and wood).</p>	12-1/4" - 35-1/2" Wheel Diameter	Construction Class 30 & 50	Up to 37,000 CFM	Up to 50" WG	-30° to 1000°F
 <p>IRV (Radial Tip) Industrial Exhauster Series Wheels back plated with machined blade edges and bull-nose hub for stringy material handling applications.</p>	12-1/4" - 35-1/2" Wheel Diameter	Construction Class 30 & 50	Up to 37,000 CFM	Up to 50" WG	-30° to 1000°F
 <p>IRT (Radial Tip) Industrial Exhauster Series Radial tip designed wheels are used for moderate pressure for higher efficiency in moderately dust-laden air.</p>	12-1/4" - 85-1/4" Wheel Diameter	Construction Class 15, 30 & 50	Up to 140,000 CFM	Up to 50" WG	-30° to 1000°F
 <p>RTS Radially Tipped Wheels are a heavy duty, high efficiency design suitable for applications involving large volume gas streams at moderate pressure. Self-cleaning wheel can handle dirty air without fouling.</p>	27" - 80-3/4" Wheel Diameter	Construction Class 30	Up to 375,000 CFM	Up to 40" WG	-30° to 800°F
 <p>PB Pressure Blowers Shrouded optimized bladed design offers efficient and stable performance over a wide range of pressure and volume requirements. Inlet and outlet flanges are round for easy standard pipe duct connections. Suitable for a wide range of applications including combustion air, drying, conveying, cooling, and other process air systems.</p>	14" - 26" Wheel Diameter	Construction Class 60	Up to 10,250 CFM	Up to 66" WG	-30° to 600°F
 <p>BCLS Backward Curved Lower Volume Wheels are backwardly curved design for high efficiency, low noise used for low - medium and medium - high pressure applications where clean to lightly loaded air is present. Applications include primary air supply; product cooling; combustion air; drying; glass blowing and cooling; gas boosting; and pneumatic conveying.</p>	27" - 73" Wheel Diameter	Construction Class 100	Up to 95,000 CFM	Up to 80" WG	-30° to 1000°F
 <p>TROH Turbo Radial Open High Radially bladed wheel design for very stable operation to shut off. Suitable for high temperature and high volume turndown applications. Extremely rugged, high pressure construction with round inlet and outlet connections, for easy standard pipe duct connections. Applications include combustion air; cooling; gas boosting; water stripping; fluid beds; glass blowing; textile fiber stripping; product drying; and pneumatic conveying.</p>	20" - 58" Wheel Diameter	Construction Class 100	Up to 34,000 CFM	Up to 80" WG	-30° to 1000°F
 <p>TROL Turbo Radial Open Low Radially bladed wheel design for very stable operation to shut off. Suitable for high temperature and high volume turndown applications. Extremely rugged, high pressure construction with round inlet and outlet connections, for easy standard pipe duct connections. Applications include combustion air; cooling; gas boosting; water stripping; fluid beds; glass blowing; textile fiber stripping; product drying; and pneumatic conveying.</p>	20" - 60" Wheel Diameter	Construction Class 100	Up to 15,000 CFM	Up to 85" WG	-30° to 1000°F