

PRODUCT LINE FEATURES AND BENEFITS

Industrial Air Technology Corp.

MANUFACTURER OF INDUSTRIAL FANS & BLOWERS

INDUSTRIAL APPLICATIONS	PRODUCT LINE FEATURES	DESIGNATION	STANDARD PRODUCT OFFERING
<i>Clean Air</i>	Backward Inclined, Single Wide Backward Inclined, Double Wide	BISW BIDW	<p>Suitable for non-overloading high efficiency design, used for relatively clean air applications with little to no particulate in the the airstream.</p> <ul style="list-style-type: none"> ■ AMCA Certified - Class 2,3,4 ■ Efficient operation with lower operating costs ■ Available in Heavier Class 5 construction ■ Volume: to 280,000 CFM ■ Static Pressure: 1/4" to 20" ■ Wheel Sizes: 12-1/4" to 73" and larger! ■ Arrangements: 1, 3, 4, 8, and 9
<i>Material Conveying</i>	Industrial Exhausters	IE	<p>Suitable for moderate pressure clear air process and material handling applications.</p> <ul style="list-style-type: none"> ■ Three Series available: <ul style="list-style-type: none"> Industrial Radial Open (IRO) - Granular Industrial Radial Wool (IRW) - Fibrous Industrial Radial Tip* (IRT) - Light Abrasives ■ Class 15, 30, and 50 Construction ■ Blade and housing wear plates and liners (optional) ■ Reinforced blades provide strength, speed, and durability ■ Volume: 17,860 to 120,000 CFM (depending on type) ■ Static Pressure: .5" to 45" (depending on type) ■ Wheel Sizes: 12-1/4" to 85.25" (depending on type) ■ Arrangements: 1, 8 and 9 - IRT*
<i>High Volume, Dirty Air</i>	Radial Tipped Series	RTS	<p>Suitable for high efficiency design, used for applications generally too harsh for the more efficient BI Series and not harsh enough for the less efficient IE Series.</p> <ul style="list-style-type: none"> ■ Fan design reduces performance loss due to material build-up on wheel ■ Delivers more material handling capability, pressure, and CFM than BI series and IE series ■ Delivers up to 75% static efficiency in most applications ■ Volume: to 220,000 CFM ■ Static Pressure: to 32" ■ Wheel Sizes: 27" to 80.75" ■ Arrangements: 1 and 8
<i>Lightly Loaded Air</i>	Backward Curved, Low Volume, Single Wide	BCLS	<p>Suitable for high efficiency, low noise for low/medium and medium/high pressure applications where clean to lightly loaded air is present.</p> <ul style="list-style-type: none"> ■ Class 100 construction ■ Volume: to 70,800 CFM ■ Static Pressure: 25" to 78" ■ Wheel Sizes: 27" to 73" ■ Arrangements: 1 and 8
<i>Process Air</i>	Turbo Radial Open, Low Volume Turbo Radial Open, High Volume	TROL TROH	<p>Suitable for high pressure and low volume applications as well as high pressure low/ medium flow with material handling capabilities.</p> <ul style="list-style-type: none"> ■ Manufactured with round inlet and outlet flanges to eliminate the need for costly transitions ■ Radial blade wheel design minimizes instability across fan curve ■ Class 100 construction remains durable under the stress of high temperature applications ■ Volume: to 26,300 CFM (depending on type) ■ Static Pressure: to 123" (depending on type) ■ Wheel Sizes: 20" to 58" (depending on type) ■ Arrangements: 1, 4, and 8 (depending on type)

Custom Product varies by Application and is available upon request

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