

Industrial Air Technology Corp.

MANUFACTURER OF INDUSTRIAL FANS & BLOWERS

APPLICATIONS: CLEAN AIR, GRANULAR, FIBROUS, LIGHT ABRASIVES , HIGH VOLUME DIRTY AIR, HARSH INDUSTRIAL AIR, HIGH TEMPERATURE

ENGINEERING AND DESIGN

- Skilled and experienced engineering staff
- Minimum 2 belt V-belt drive typical
- Computer aided design
- Finite element analysis
- Solid modeling



QUALITY FABRICATION

- Fabrication methods adhere to AISC code of standard practice
- Welding operations comply with applicable AWS specifications
- Ability to weld alloy steel
- Ability to customize fan assemblies
- Aesthetically pleasing workmanship

MAINTENANCE & REPAIR

- Easy access belt and shaft guards
- Optional splits for wheel housings
- Split taper lock wheel hub and bushing
- Replacement parts available
- Extended lube lines

QUALITY ASSURANCE DOCUMENTATION

- Fabrication check list completed and shipped with every order
- Dynamic balance and vibration records included

PRODUCT PROTECTION & CONTAINMENT

- Sealed inlet cover plates
- Gaskets provided with all access doors
- Shaft seals and drilled outlet flanges

QUALITY FINISH

- Three step paint process to SSPC standards: prepared, primed and painted
- Ability to apply most air dried paints to meet customer's specification
- Powder coated shaft guards

2 -STEP BALANCING

- Dynamically balanced rotating group wheel, shaft and sheave to ISO standards
- Complete fan assembly vibration tested before shipping

QUALITY IS...
CUSTOMER SATISFACTION
MANUFACTURED TO MEET YOUR SPECIFIC NEEDS

**WHERE SERVICE
GOES BEYOND THE SALE**

Industrial Air Technology Corp.— Customer Service: 989-731-5840, Fax: 989-732-1641 M – F 8:00 a.m.— 5:00 p.m. EST

www.indairtech.com

INDUSTRIAL AIR TECHNOLOGY CORP. WHEEL TYPES

Industrial Air Technology, Corp. centrifugal fans are used in industrial ventilation, exhaustion, pressure blowing, pneumatic conveying or supplying combustion air. They are well suited for airstreams that are clean, dust or material laden. Once you have considered the environmental conditions that impact your fan selection, the proper wheel selection should be made. Wheel types below are also available in fan packages for abrasion resistance, corrosion resistance, spark resistance or high temperature applications.

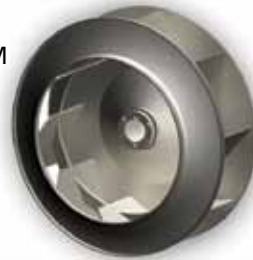
AF

Air Stream: Clean Air
Pressure Range:
2.5"–28" WG
Volume Range:
1500–280,000 CFM



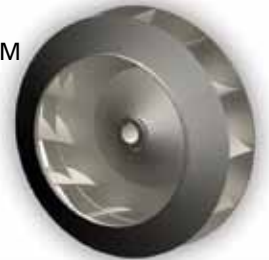
BI

Air Stream: Clean Air
Pressure Range:
½"–22" WG
Volume Range:
3200–280,000 CFM



RTS

Air Stream: Dirty Air
Pressure Range:
6"–32" WG
Volume Range:
10,000–220,000 CFM



BCHS

Air Stream: Clean to slightly dirty air
Pressure Range:
1/2"–50" WG
Volume Range:
1500–250,000 CFM



BCLS

Air Stream: Clean to Lightly Loaded Air Stream
Pressure Range:
25"–78" WG
Volume Range:
5000–70,000 CFM



IRO

Air Stream: Material Handling
Pressure Range:
½"–45" WG
Volume Range:
200–100,000 CFM



IRF

Air Stream: Material Handling
Pressure Range:
½"–45" WG
Volume Range:
200–100,000 CFM



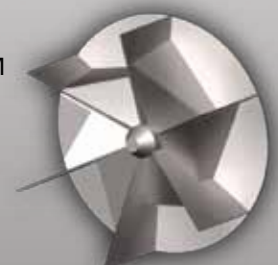
IRW

Air Stream: Material Handling
Pressure Range:
1"–30" WG
Volume Range:
800–16,000 CFM



IRV

Air Stream: Material Handling
Pressure Range:
1"–30" WG
Volume Range:
800–16,000 CFM



IRT

Air Stream: Material Handling
Pressure Range:
1"–45" WG
Volume Range:
1000–125,000 CFM



TROH

Air Stream: High Pressure-High Volume
Pressure Range:
Up to 110" WG
Volume Range:
1000–26,500 CFM



TROL

Air Stream: High Pressure-Low Volume
Pressure Range:
Up to 110" WG
Volume Range:
500–11,000 CFM

