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

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

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

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
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.

<table>
<thead>
<tr>
<th>Wheel Type</th>
<th>Air Stream</th>
<th>Pressure Range</th>
<th>Volume Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF</td>
<td>Clean Air</td>
<td>Up to 28&quot; WG</td>
<td>Up to 300,000 CFM</td>
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<tr>
<td>BI</td>
<td>Clean Air</td>
<td>Up to 28&quot; WG</td>
<td>Up to 400,000 CFM</td>
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<tr>
<td>RTS</td>
<td>Dirty Air</td>
<td>Up to 36&quot; WG</td>
<td>Up to 340,000 CFM</td>
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<tr>
<td>BCHS</td>
<td>Clean to Slightly Dirty Air</td>
<td>Up to 40&quot; WG</td>
<td>Up to 196,000 CFM</td>
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<tr>
<td>BCLS</td>
<td>Clean to Lightly Loaded Air</td>
<td>Up to 78&quot; WG</td>
<td>Up to 70,000 CFM</td>
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<tr>
<td>IRO</td>
<td>Material Handling</td>
<td>Up to 45&quot; WG</td>
<td>Up to 180,000 CFM</td>
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<tr>
<td>IRF</td>
<td>Material Handling</td>
<td>Up to 45&quot; WG</td>
<td>Up to 80,000 CFM</td>
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<tr>
<td>IRW</td>
<td>Material Handling</td>
<td>Up to 30&quot; WG</td>
<td>Up to 25,000 CFM</td>
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<td>IRV</td>
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<td>Up to 25,000 CFM</td>
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<tr>
<td>IRT</td>
<td>Material Handling</td>
<td>Up to 45&quot; WG</td>
<td>Up to 170,000 CFM</td>
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<tr>
<td>TROH</td>
<td>High Pressure-High Volume</td>
<td>Up to 110&quot; WG</td>
<td>Up to 26,500 CFM</td>
</tr>
<tr>
<td>TROL</td>
<td>High Pressure-Low Volume</td>
<td>Up to 110&quot; WG</td>
<td>Up to 11,000 CFM</td>
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</tbody>
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