



INDUSTRIAL PROCESS AND  
COMMERCIAL VENTILATION SYSTEMS



**AUTOMOTIVE MARKET**  
AIR MOVING SOLUTIONS



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## Special Features



Custom features are offered as options to meet specific application requirements. Twin City Fan & Blower takes pride in offering customers many special features required by today's automotive industry.

- **Anti-Rotation Devices**
- **Pivot & Slide-Style Motor Bases**
- **Swingout Construction**
- **Type "C" Spark Resistant Construction**
- **Easy Access Belt Guards**
- **Isolation Bases**
- **Isolation Bases with Captive Isolators**
- **Low Vibration Construction**
- **Oversized Access Doors**
- **Stainless Steel Airstream**
- **Automatic Lubricators**
- **Fully Clad Insulated Fans**
- **Abatement Construction**
- **Special Nameplates**

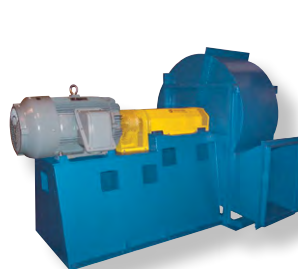
## Automotive Market Fan Applications

The automotive industry utilizes fans in many different areas of the factory. Each of these custom applications require quality fans designed for durability, ease of maintenance, and dependability. Some of the areas where fans are used include:

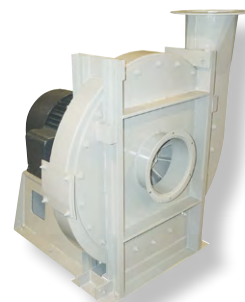
- **Oven**
- **Spray booth**
- **Air Supply & Filter House**
- **Enclosure & Deck**
- **Phosphate / Elpo**
- **Heated Flash**
- **Abatement**
- **General Ventilation**

## Validation & Testing

Every fan that we manufacture undergoes a rigorous testing and validation process to meet the industry requirements for vibration, air and sound performance. In addition, Twin City Fan & Blower tests all fans for structural and mechanical integrity. Our capabilities allow us to perform our testing in our AMCA 210 certified laboratory.



**Model HIB High Efficiency  
Industrial Backward Curved Fan**



**Model MBR Heavy Duty  
High Pressure Blower**

## Automotive Market Experience

Twin City Fan & Blower has experience serving more than 50 automotive facilities worldwide.

- BMW
- Caterpillar
- Chrysler
- Ford
- Freightliner
- GM
- Harley Davidson
- Honda
- Hyundai
- International Truck
- Kenworth Truck
- Mercedes
- Mitsubishi
- Nissan
- Paccar
- Toyota

## Repair & Field Service

Twin City Fan & Blower provides fan testing and validation services at our in-house laboratory, as well as on-site. We also offer scheduled maintenance, including balance, alignment and operational training. Twin City Fan & Blower services and repairs all brands and types of fans. The fan services we offer are an extension of our commitment to provide our customers with the highest level of service and support.

## Common Products (Automotive Market)



**BC** - Flat-Blade Backward Inclined Centrifugal Fan

**BAE** - Airfoil Centrifugal Fan

**BCS** - Backward Curved High Volume/Pressure Centrifugal Fan

**RBA** - Industrial Radial Blade Fan, Air Handling Wheel

**TBNA** - Turbo Pressure Blower, Aluminum Wheel

**JRW** - Compact Design Industrial Fan

**TCVA** - Vaneaxial Fan, Cast Aluminum Wheel

**HIB** - High Efficiency Industrial Backward Curved Fan

**MBO** - Heavy Duty Pressure Blower, Open Radial

**MBR** - Heavy Duty Pressure Blower, High Pressure Air Handling

**BCN** - Backward Curved High Pressure Fan

**AFPL** - Plug Fan, Airfoil Wheel

**BFPL** - High Efficiency Plug Fan, Backward Curved



Model BFPL High Efficiency Plug Fan

Model BCS Backward Curved High Volume/Pressure Centrifugal Fan





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CENTRIFUGAL FANS | UTILITY SETS | PLENUM & PLUG FANS | INLINE CENTRIFUGAL FANS  
MIXED FLOW FANS | TUBEAXIAL & VANEAXIAL FANS | PROPELLER WALL FANS | PROPELLER ROOF VENTILATORS  
CENTRIFUGAL ROOF & WALL EXHAUSTERS | CEILING VENTILATORS | GRAVITY VENTILATORS | DUCT BLOWERS  
RADIAL BLADED FANS | RADIAL TIP FANS | HIGH EFFICIENCY INDUSTRIAL FANS | PRESSURE BLOWERS  
LABORATORY EXHAUST FANS | FILTERED SUPPLY FANS | MANCOOLERS | FIBERGLASS FANS | CUSTOM FANS



**TWIN CITY FAN & BLOWER**  
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