



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**

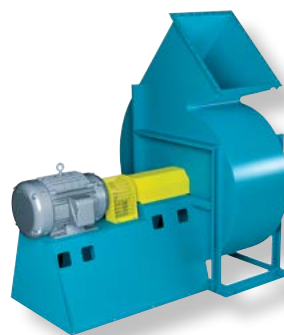
Automotive Market Fan Applications

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:

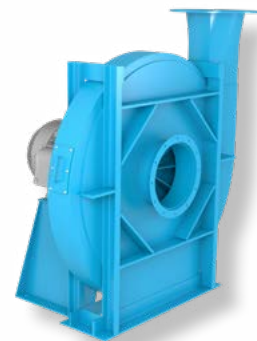
- **Oven**
- **Spray Booth**
- **Air Supply & Filter House**
- **Enclosure & Deck**
- **Phosphate / Elpo**
- **Heated Flash**
- **Abatement**
- **Pollution Control (Oxidizers)**
- **General Ventilation**

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 accredited laboratory.



Model HIB, High Efficiency Industrial Backward Curved Fan



Model MBR, Heavy-Duty High Pressure Blower

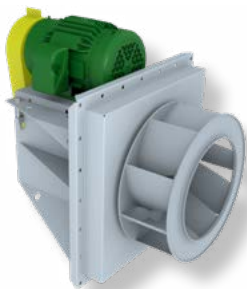
Automotive Market Experience

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

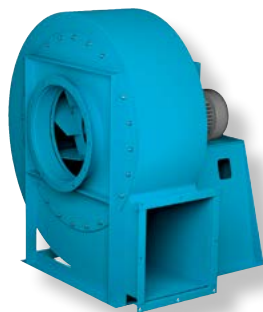
- BMW
- Caterpillar
- Chrysler
- Ford
- Freightliner
- GM
- Harley Davidson
- Honda
- Hyundai
- International Truck
- Kenworth Truck
- Mercedes
- Mitsubishi
- Nissan
- Paccar
- Toyota

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.



Model BFPL, High
Efficiency Plug Fan



Model RBA, Industrial Radial
Blade Fan, Air Handling Impeller

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 Impeller

TBNA - Turbo Pressure Blower, Aluminum Impeller

JRW - Compact Design Industrial Fan

TCVA - Vaneaxial Fan, Cast Aluminum Impeller

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 Impeller

BFPL - High Efficiency Plug Fan, Backward Curved





INDUSTRIAL PROCESS AND COMMERCIAL VENTILATION SYSTEMS

CENTRIFUGAL FANS | UTILITY SETS | PLENUM & PLUG FANS | INLINE CENTRIFUGAL FANS
MIXED FLOW FANS | TUBEAXIAL & VANEAXIAL FANS | WALL MOUNTED FANS | 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



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