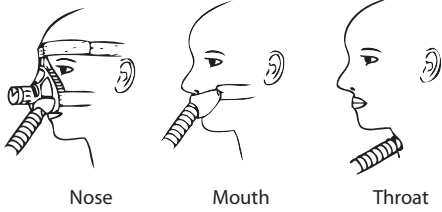
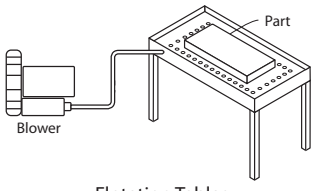
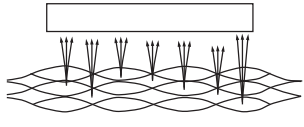
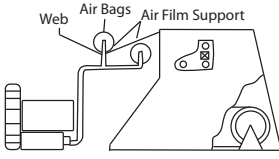
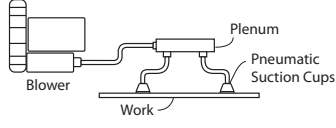
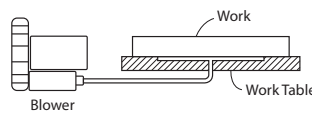
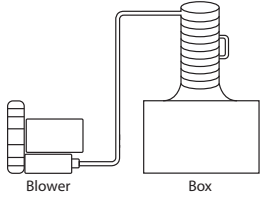
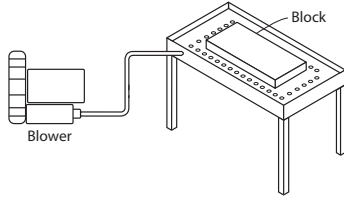
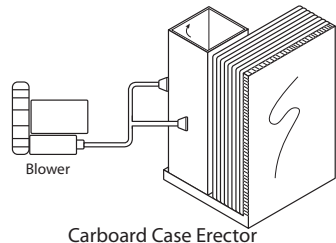
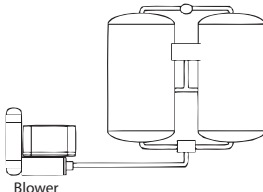
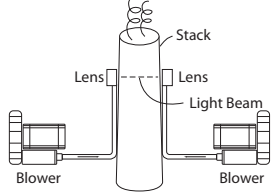
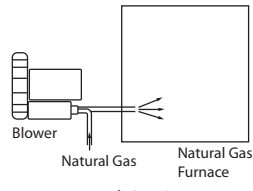
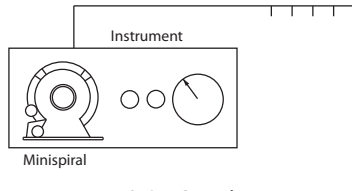
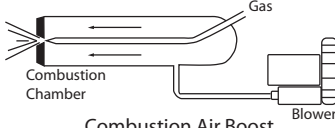


Your own imagination and knowledge are probably the best source of in-plant and on-site applications for ROTRON regenerative blowers. This guide will help to pinpoint and stimulate your consideration of the many alternative sources we provide to replace costly and maintenance intensive suction and pressure units and systems. The nine major application groups are listed and a cross reference of the most common applications by industry will help you identify both identical and similar applications in your industrial operations.

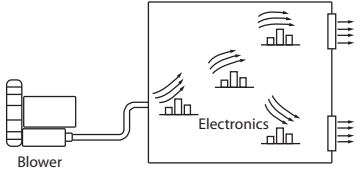
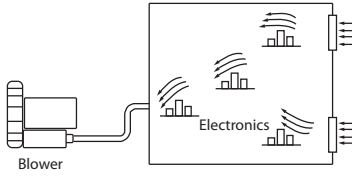
Application 1: Air-Assisted Breathing	
 <p>Nose Mouth Throat</p>	<p>Manufacturing PARP Respiration</p> <p>Mining PARP Respiration</p>
Application 2: Air-Assisted Inflation or Support	
 <p>Blower Part</p> <p>Flotation Tables</p>	<p>Material Handling Air Slides Air Tables Carbon Black Car Unloading</p> <p>Paper Processing Flotation Tables Forming Bar Sheet Fluttering Turn Bars</p> <p>Textile Garment Flotation Tables</p> <p>Water Pollution Control Pollution Containment Waterway Management</p>
 <p>Air Slides / Air Tables</p>	 <p>Web Air Bags Air Film Support</p> <p>Turning & Forming Bars</p>
Application 3: Air-Assisted Vacuum Pick-Up or Hold-Down	
 <p>Blower Plenum Pneumatic Suction Cups</p> <p>Work</p> <p>General Parts Pick-Up</p>	 <p>Blower Work Work Table</p> <p>General Parts Hold-Down</p>
 <p>Blower Box</p> <p>Vacuum Manipulator</p>	 <p>Blower Block</p> <p>Flotation Tables</p>
 <p>Blower</p> <p>Cardboard Case Erector</p>	<p>Manufacturing Bag Filling Equipment Cutting Tables Packaging Equipment Vacuum Manipulators Corrugated and Paperboard Boxes Flexible Packaging - Paper, Plastic, Aluminum Foil, Textile Packaging and Steel Strapping Rigid Packaging Beverage Containers Cosmetic and Toiletry Containers Blister Packs Pharmaceutical Packaging Food Packaging Sterile Medical Device Packaging Labels Pressure Sensitive Tape</p> <p>Paper or Plastics Handling Cutting Tables Diaper Making Equipment Printing Presses</p> <p>Textile Garment Cutting Tables Yarn Guiding and Tensioning Yarn Aspiration</p>

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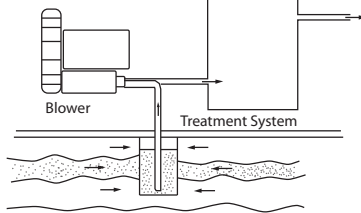
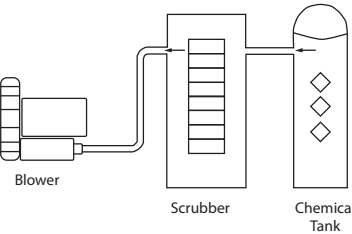
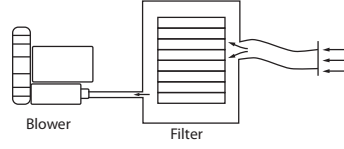
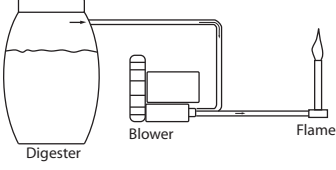
Application 4: Air & Gas Sampling, Boosting, or Circulating

 <p>Blower</p> <p>Fluid Bed Regeneration</p>	 <p>Stack</p> <p>Lens</p> <p>Lens</p> <p>Light Beam</p> <p>Blower</p> <p>Blower</p> <p>Transmissometer Lens Purging</p>	<p>Air Pollution Control Air Sampling Air Stream Release Monitoring Fire Prevention Air Sampling Flue Gas Sampling</p> <p>Pharmaceutical Clean Room Air Circulation Oxygen Generator</p> <p>Plastics Handling Desiccant Dryer Bed Regeneration</p> <p>Foundry Combustion Air Boost</p>
 <p>Blower</p> <p>Natural Gas</p> <p>Natural Gas Furnace</p> <p>Natural Gas Boost</p>	 <p>Instrument</p> <p>Minispiral</p> <p>Air & Gas Sampling</p>	<p>Instrumentation Glove Box Pressurizing Incubator Air Circulation Weather Measurement Sampling</p> <p>Manufacturing Combustion Air Boost Natural Gas Boost Oil Demisting</p>
 <p>Gas</p> <p>Combustion Chamber</p> <p>Blower</p> <p>Combustion Air Boost</p>		

Application 5: Electronic Cooling

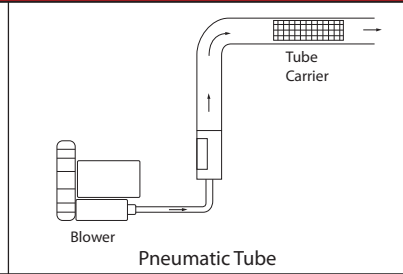
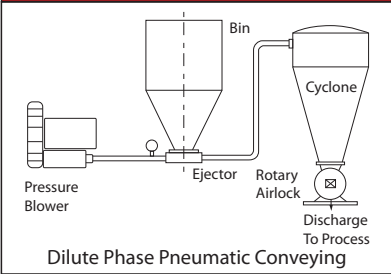
 <p>Blower</p> <p>Electronics</p> <p>Pressurized Cabinet</p>	 <p>Blower</p> <p>Electronics</p> <p>Vacuum Pull-Through Cabinet</p>	<p>Instrumentation Engine/Motor Cooling Film Development System Cooling Lamp Bank Cooling Small Enclosure Cooling</p>
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Application 6: Gas, Vapor, & Fume Recovery, Venting, & Treatment

 <p>Blower</p> <p>Treatment System</p> <p>Soil Vapor Extraction & Landfill Gas Recovery</p>	 <p>Blower</p> <p>Scrubber</p> <p>Chemical Tank</p> <p>Vent Header Off-Gassing</p>	<p>Agricultural Methane Gas Recovery Chemical Processing Vent Header Off-Gassing</p> <p>Pharmaceutical Sterilization Gas (ETO) Recovery</p> <p>Refineries Centrifuge Venting</p> <p>Environmental Gasoline Vapor Recovery Lagoon Gas Recovery Landfill Gas Recovery Radon Gas Collection Soil Vapor Extraction</p> <p>Water Pollution Control Digester Gas Collection</p>
 <p>Blower</p> <p>Filter</p> <p>Fume & Smoke Removal</p>	 <p>Digester</p> <p>Blower</p> <p>Flame</p> <p>Digester Gas Collection</p>	<p>Foundry Lost Foam Off-Gassing</p> <p>Manufacturing - Plant Services Cabinet Fume Venting Environmental Test Chamber Venting Laser Smoke Removal Weld Smoke Removal</p>

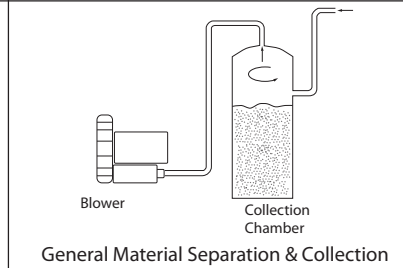
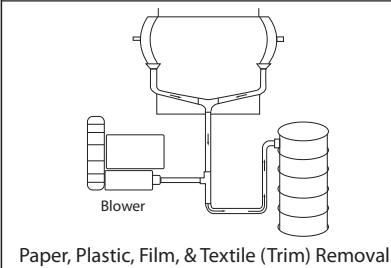
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Application 7: Solid Material Transporting, Separation, & Collection



Foundry
Sand Reclamation

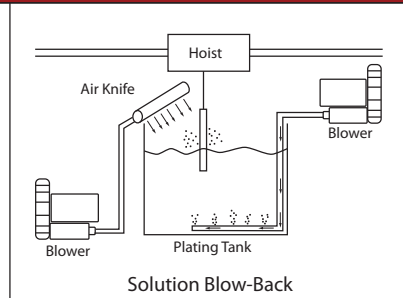
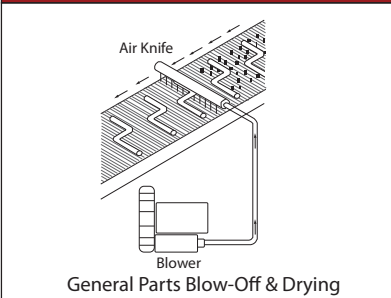
Manufacturing - Waste Control
Chip, Dust, & Particle Removal
Liquid & Solvent Removal
Paper, Plastic Film, & Textile (Trim) Removal



Material Handling
Air Slides
Blast Cleaning
Dilute Phase Conveying
Pneumatic Tube

Packaging
Bag Filling

Application 8: Parts Blow-Off & Drying

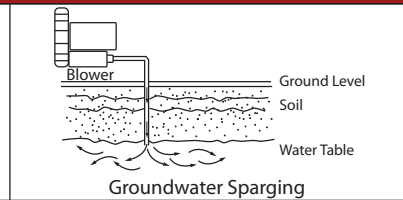
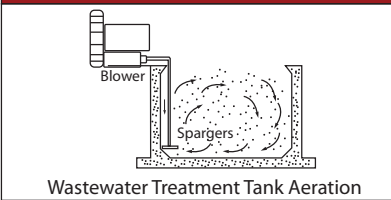


Aqueous Precision Cleaning
Automotive Parts Drying
Semiconductor Board Drying

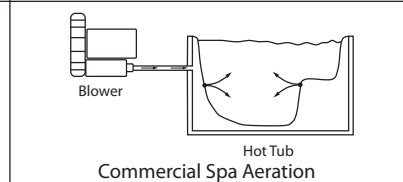
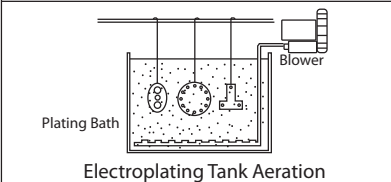
Manufacturing
Conveyor Belt Blow-Off
Electroplating Fume Guiding
Electroplating Parts Drying
Electroplating Solution Blow-Back
Flat or Irregular Metal Parts Drying
Wire Drying

Food Processing
Batter Blow-Off
Bottle & Can Drying
Label Drying
Salt, Spice, & Flour Blow-Off

Application 9: Solution & Media Agitation & Aeration

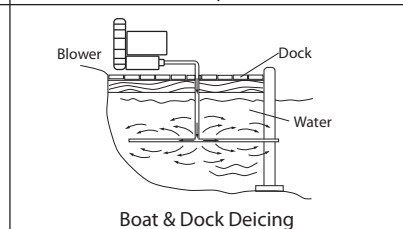
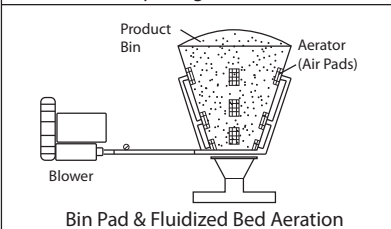


Aquaculture
Aquarium Fish Farm, Hatchery, & Pond Aeration



Groundwater Sparging

Manufacturing
Concrete Fluid Bed Aeration
Electroplating Tank Agitation



Material Handling
Fluidized Beds

Recreation
Commercial Spa Aeration

Water Management
Boat, Dock, & Dam Face Deicing

Water Pollution Control
UV Tube Agitation
Wastewater Filter Backwash
Wastewater Treatment Tank Aeration

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