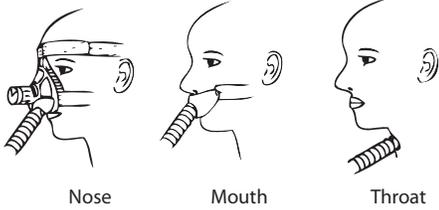
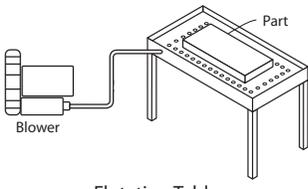
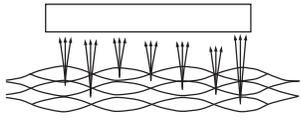
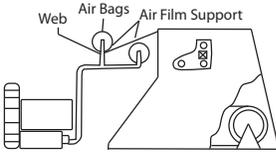
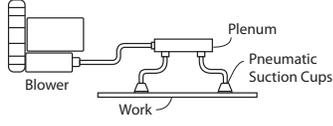
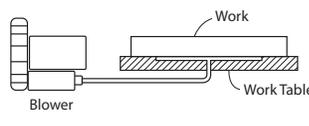
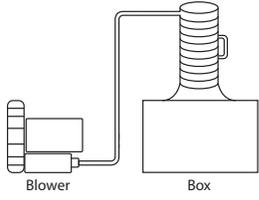
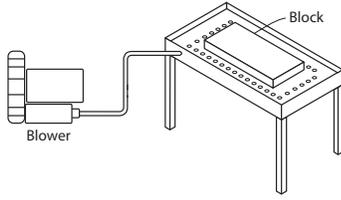
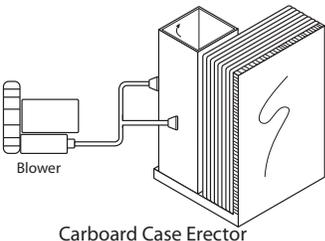
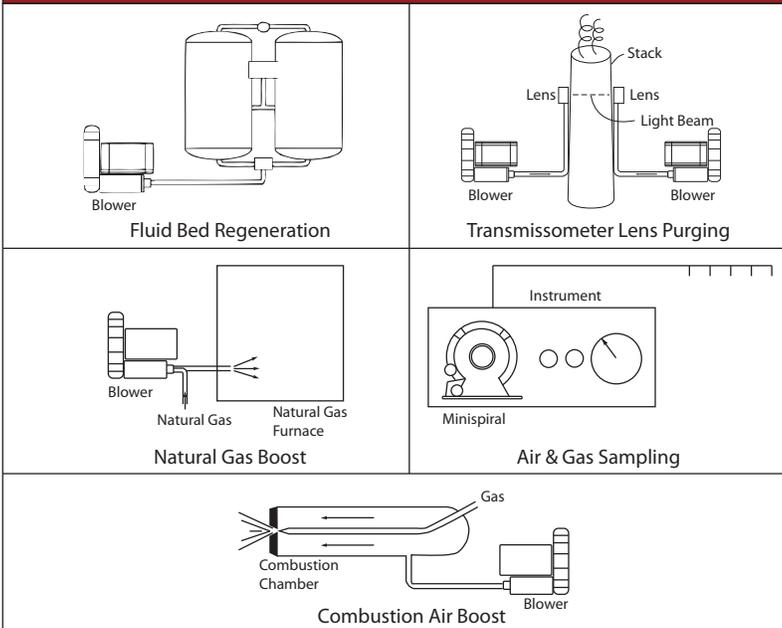


Your own imagination and knowledge are probably the best source of in-plant and on-site applications for ROTRON regenerative blowers. This guide will help to pinpoint and stimulate your consideration of the many alternative sources we provide to replace costly and maintenance intensive suction and pressure 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>

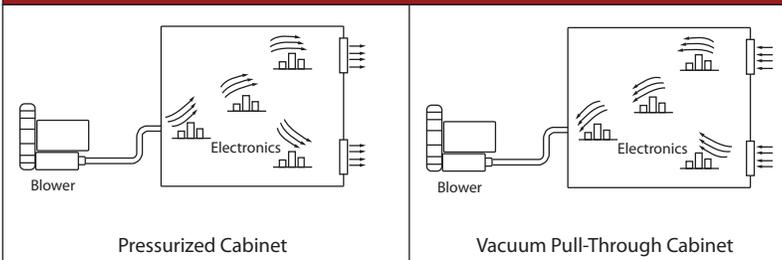
This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

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



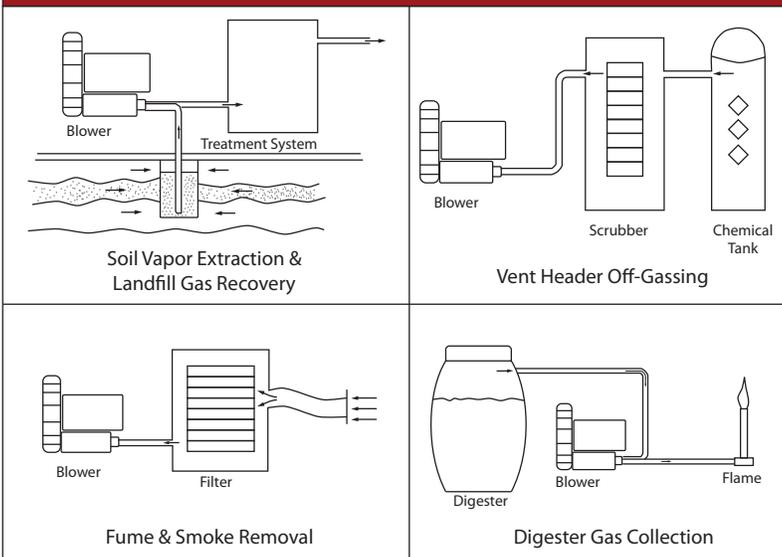
- Air Pollution Control**
 - Air Sampling
 - Air Stream Release Monitoring
 - Fire Prevention Air Sampling
 - Flue Gas Sampling
- Pharmaceutical**
 - Clean Room Air Circulation
 - Oxygen Generator
- Plastics Handling**
 - Desiccant Dryer Bed Regeneration
- Foundry**
 - Combustion Air Boost
- Instrumentation**
 - Glove Box Pressurizing
 - Incubator Air Circulation
 - Weather Measurement Sampling
- Manufacturing**
 - Combustion Air Boost
 - Natural Gas Boost
 - Oil Demisting

Application 5: Electronic Cooling



- Instrumentation**
 - Engine/Motor Cooling
 - Film Development System Cooling
 - Lamp Bank Cooling
 - Small Enclosure Cooling

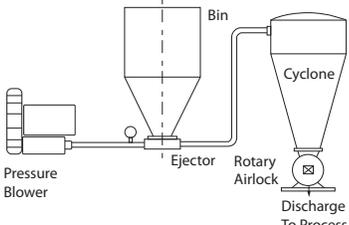
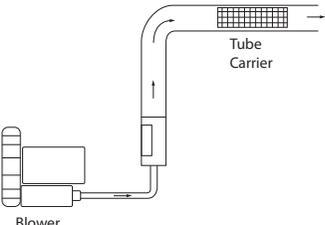
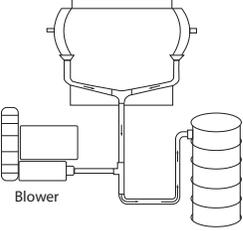
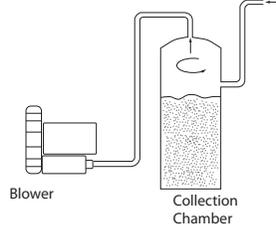
Application 6: Gas, Vapor, & Fume Recovery, Venting, & Treatment



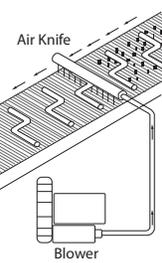
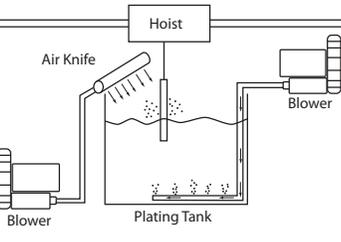
- Agricultural**
 - Methane Gas Recovery
 - Chemical Processing
 - Vent Header Off-Gassing
- Pharmaceutical**
 - Sterilization Gas (ETO) Recovery
- Refineries**
 - Centrifuge Venting
- Environmental**
 - Gasoline Vapor Recovery
 - Lagoon Gas Recovery
 - Landfill Gas Recovery
 - Radon Gas Collection
 - Soil Vapor Extraction
- Water Pollution Control**
 - Digester Gas Collection
- Foundry**
 - Lost Foam Off-Gassing
- Manufacturing - Plant Services**
 - Cabinet Fume Venting
 - Environmental Test Chamber Venting
 - Laser Smoke Removal
 - Weld Smoke Removal

This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

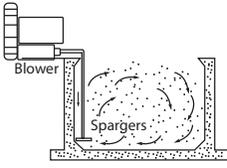
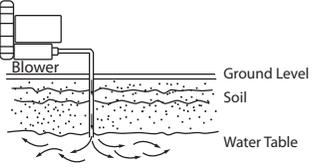
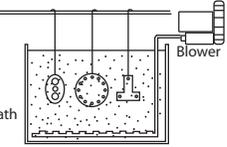
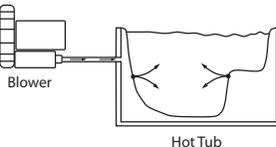
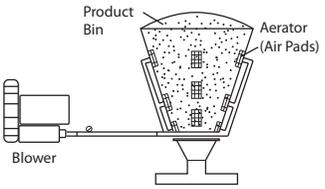
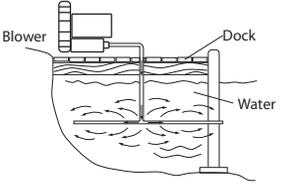
Application 7: Solid Material Transporting, Separation, & Collection

 <p>Dilute Phase Pneumatic Conveying</p>	 <p>Pneumatic Tube</p>	<p>Foundry Sand Reclamation</p> <p>Manufacturing - Waste Control Chip, Dust, & Particle Removal Liquid & Solvent Removal Paper, Plastic Film, & Textile (Trim) Removal</p> <p>Material Handling Air Slides Blast Cleaning Dilute Phase Conveying Pneumatic Tube</p>
 <p>Paper, Plastic, Film, & Textile (Trim) Removal</p>	 <p>General Material Separation & Collection</p>	<p>Packaging Bag Filling</p>

Application 8: Parts Blow-Off & Drying

 <p>General Parts Blow-Off & Drying</p>	 <p>Solution Blow-Back</p>	<p>Aqueous Precision Cleaning Automotive Parts Drying Semiconductor Board Drying</p> <p>Manufacturing Conveyor Belt Blow-Off Electroplating Fume Guiding Electroplating Parts Drying Electroplating Solution Blow-Back Flat or Irregular Metal Parts Drying Wire Drying</p> <p>Food Processing Batter Blow-Off Bottle & Can Drying Label Drying Salt, Spice, & Flour Blow-Off</p>
---	--	---

Application 9: Solution & Media Agitation & Aeration

 <p>Wastewater Treatment Tank Aeration</p>	 <p>Groundwater Sparging</p>	<p>Aquaculture Aquarium Fish Farm, Hatchery, & Pond Aeration</p> <p>Groundwater Sparging</p>
 <p>Electroplating Tank Aeration</p>	 <p>Commercial Spa Aeration</p>	<p>Manufacturing Concrete Fluid Bed Aeration Electroplating Tank Agitation</p> <p>Material Handling Fluidized Beds</p> <p>Recreation Commercial Spa Aeration</p>
 <p>Bin Pad & Fluidized Bed Aeration</p>	 <p>Boat & Dock Deicing</p>	<p>Water Management Boat, Dock, & Dam Face Deicing</p> <p>Water Pollution Control UV Tube Agitation Wastewater Filter Backwash Wastewater Treatment Tank Aeration</p>

This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.