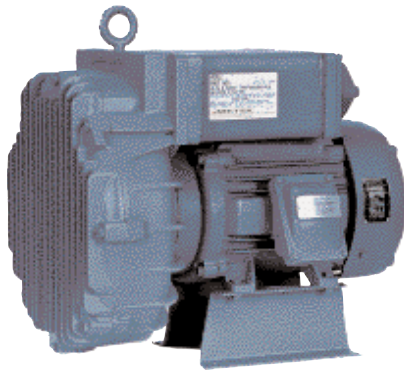


Regenerative Blowers and Accessories Customized for Air Quality Improvement.

Your Choice. Our Commitment.[™]



The ROTRON Advantage



AMETEK Rotron TMD, the world leader in regenerative blower technologies, brings regenerative advantages to a new level, providing a quiet, maintenance-free, oil-free air option in displacing rotary lobes (PD) and multiple-stage centrifugal blowers. Rotron is committed to providing the highest level of quality in their products, application assistance, and customer service.

Quiet Operation

Rotron's blowers operate within OSHA standards without requiring costly, noise-reduction accessories such as additional external mufflers or noise enclosures.

No Routine Maintenance

C'Face motors are direct-mounted to the housing pad, eliminating the need for v-belts or coupling drives. 20,000- to 25,000-hour life permanently sealed motor bearings eliminate the need for oil reserve levels, and are maintenance-free whether 8-hour/day or 24-hour continuous operation.

Simplicity in Motion

The motor shaft is used to attach a non-contacting impeller which spins within a housing without need for replacement or service. Regenerative blowers contain no complex, close tolerance lobes; timing gears; elaborate oil reserves; or multiple stage bearing systems.

Oil-free Air

Air exiting a regenerative blower is the same air entering the inlet. Permanently sealed bearings (no oil reserve to maintain): (1) eliminate oil contamination in the air stream; (2) eliminate all potential entrance paths from air stream dust or moisture.

Versatile Motor Options

Rotron's versatility allows a broad variety of motor options including High Efficiency, Variable Speed, Chemical Duty, Wash Down, and International Voltages, in addition to our standard TEFC and Explosion-proof models.

Technical Sales and Application Engineering

Rotron provides an experienced and well-trained field staff capable of handling both routine and exotic applications. Factory Application Engineers assist the field staff with unique applications and product customization.

Responsive Stock Availability

Rotron's commitment to supplying both standard blowers and customized designs is second to none. Rotron ships the majority of its products within 24 hours of receipt of order.

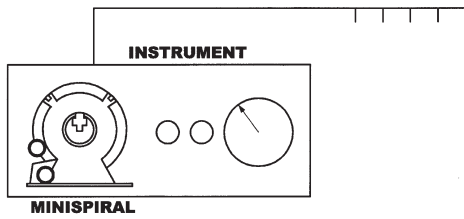
Your Choice. Our Commitment.[™]

Whether you've been a satisfied customer of Rotron, or you are making your first purchase, your choice is our commitment. It is our privilege to meet your needs.

Industrial Applications

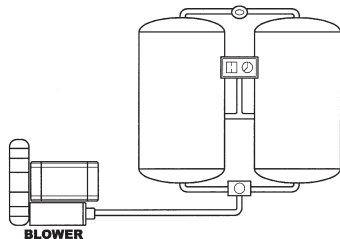
Air & Gas Sampling

Whether your system samples for smoke (fire prevention), air (weather condition measurement), or gas (chemical detection), Rotron has a blower to meet your needs.



Fluid Bed Regeneration

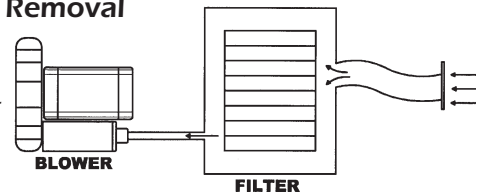
Many industries use desiccant fluid beds to condition the process air stream. A Rotron blower pressurizes the heated air needed to remove the moisture from the desiccant and return it to a pristine state. An additional application uses a Rotron blower to aerate a fluid bed to keep it from solidifying.



Fume & Smoke Removal

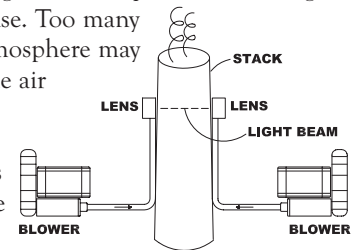
Source pollution collection in the workplace to protect workers from hazardous and harmful pollutants is an area

focused on by the Occupational Safety Hazard Administration (OSHA). A Rotron blower directs the air stream pollutants to the filter where fumes and smoke are separated.



Transmissometer Lens Purging

Compliance with Clean Air Regulations requires monitoring of industrial stack air stream release. Too many pollutants released into the atmosphere may lead to acid rain and intolerable air conditions. A transmissometer measures the air stream's opacity, and a Rotron blower is used to purge the lens to assure greater accuracy.

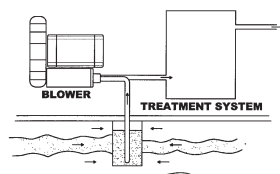


Environmental Applications

Soil Vapor Extraction & Landfill Gas Recovery

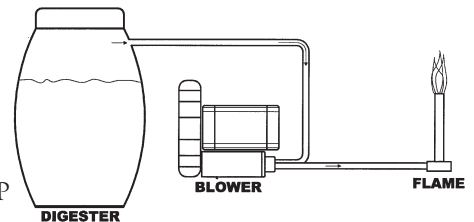
SVE - Migrating Volatile Organic Compounds (VOC's) in the soil can lead to contaminated groundwater, and potentially the drinking water to our homes. A Rotron EN blower will pull the vapors from the soil for treatment.

LFG - Migrating methane created by a breakdown of landfill materials can lead to an explosion. A Rotron CP blower will pull the methane-hydrogen sulfide gas from the landfill for treatment.



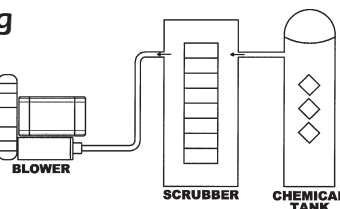
Digester Gas Collection

Anaerobic digesters process sludge waste and break down the material causing methane and hydrogen sulfide to be released. A Rotron CP blower handles the corrosive/explosive gas and sends it to a burner for incineration.



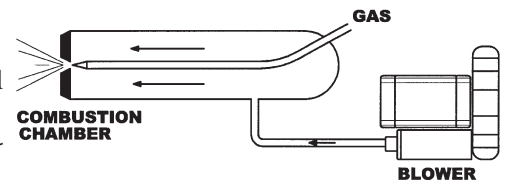
Vent Header Off-Gassing

In chemical processing plants and refineries, (1) manufacturing a product (vinyl, fertilizers, etc.) or (2) breaking down oil into gasoline will produce other unwanted chemicals and gases. A Rotron CP blower pulls all the single source hazardous pollutants to a scrubber to cleanse the air stream prior to releasing to the atmosphere.



Combustion Air Boost

To incinerate ignitable compounds, a certain air-to-fuel ratio is required for optimal treatment. A Rotron blower adds the precise air mixture needed to maintain the correct ratio.



Your Choice.

For further application assistance, or to request AMETEK Rotron's Product Sourcebook or Complete Product Catalog, please contact the factory for the sales representative in your area.

Our Commitment.™