



Vivek Engineers

Solution to Industrial Automation

Vivek Engineers

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PRODUCT OVERVIEW

Here we would like to introduce Vivek Engineers, the Authorized Distributor of EXAIR-USA, who is the manufacturer of Intelligent Compressed Air products like Air knives, Air Wipes, Air Nozzles & Jets, Air Amplifiers, Atomizing Nozzles(Spray Nozzles), Safety Air Guns, Air Operated Conveyors(Line Vacs), E-Vacs, Vortex Tube & Spot Cooling Products, Cabinet Cooler etc. Ours is highly professionally managed firm serving to customers in Automobile, Packaging, Bio Medical, Printing, Pharmaceutical, Textile, Machine tool, and Food Industries.

If you have requirement for any of our products for cooling, cleaning, blowing, drying, spraying, material conveying and lifting, please do get in touch with us. We are also Authorized Distributor of AIRPOT-USA, DESCHNER-USA and PIAB-SWEDEN.

EXAIR Products for Cleaning, Drying and Blowing Off



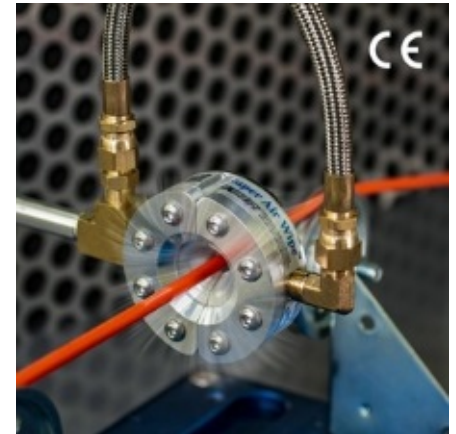
Air Nozzles and Jets

EXAIR's Standard Force Air Nozzles that produce up to 22 ounces (624 grams) of force, which is suitable for most applications and High Force Air Nozzles that produce up to 23 lbs (10.43 kg) of blowoff force where additional power and reach are needed. Meet OSHA noise level requirements.



Air Knives

EXAIR's Super Air Knife provides the best performance with a 40:1 air amplification ratio, making it the most efficient.offers a more efficient way to clean, dry or cool parts, webs or conveyors. It delivers a uniform sheet of laminar airflow across the entire length with hard-hitting force. Available from 3" to 108" long.



Air Wipes

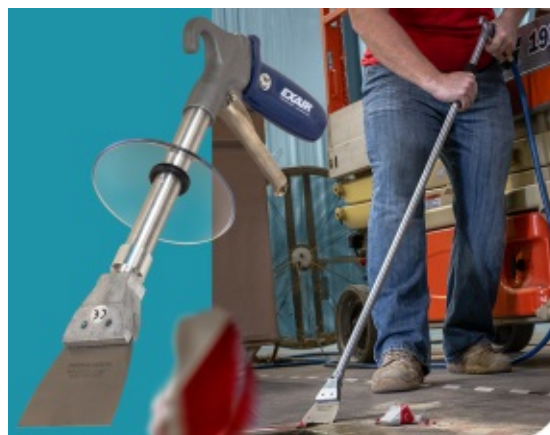
EXAIR's Super Air Wipes are for Blowoff , drying, cleaning and cooling pipe, cable, extruded shapes, hose, and wire!

- Uniform 360° airflow
- Aluminum models for temperatures up to 400°F (204°C) and Stainless steel models for temperatures up to 800°F (427°C)



Safety Air Guns

EXAIR's Safety Air Guns use engineered air nozzles for high performance! Meets OSHA noise and pressure requirements



Super Air Scraper

EXAIR's Soft Grip Super Air Scraper is perfect for removal of caulk, gaskets, sealant, adhesives, tape, paint, stickers, labels, grease, lubricant and difficult to sweep metal chips, flakes or discs.



Air Amplifiers

An uncomplicated, inexpensive way to propel, smokes, fumes & light materials and can be used for cooling, extracting, drying and ventilating in process, food & manufacturing industries.



Exair Products for Spot Cooling and Electrical Control Panel Cooling



Vortex Tubes

- Temperatures from -50° to +260°F (-46° to +127°C)
- Flow rates from 1 to 150 SCFM (28 to 4,248 SLPM)
- Refrigeration up to 10,200 Btu/hr. (2,570 Kcal/hr.)



Adjustable Spot Cooler

- It can produce temperatures from -30° to +70°F (-34° to +21°C)
- Parts included for flow rates of 15, 25, and 30 SCFM (425, 708 and 850 SLPM). 25 SCFM (708 SLPM) generator is factory installed.
- It can produce refrigeration up to 2,000 Btu/hr. (504 Kcal/hr.)



Cold Gun Air Coolant System

The Cold Gun Aircoolant System produces a stream of clean, cold air at 50°F (28°C) below supply air temperature.
Applications areas:
Tool sharpening, Drill and cutter grinding, Routing, Plunge and form grinding, Milling, Surface grinding, Drilling, Tire grinding, Band sawing, Plastic machining, Laser cutting etc.



Cabinet Cooler

Cool and purge NEMA 12, 4 & 4X electrical control panels!
Stop electronic control downtime due to heat, dirt, and moisture! Cabinet Coolers maintain NEMA 4, 4X, and 12 integrity.
Use our Cabinet Cooler Sizing Guide to submit information online about your control panel cooling problem.



Exair Industrial Housekeeping Reliable vacuums for chip removal, liquid transfer and cleaning



Reversible Drum Vac

Pump 55 gallons in 90 seconds and Two-way pumping action!
A safe, maintenance free way to recover Coolant, Sludge and chips, Hydraulic oils, Tramp oil, Liquid spills, Waste water etc.
Available in 5, 30, 55 and 110 gallon drum



Chip Trapper

Filter the chips out of your used coolant and cutting oils and vacuums in the liquid with solids, pumps out only the liquid.
Fast and easy way to clean chips, swarf and shavings out of used coolants and other liquids.
Available in 30, 55 and 110 gallon drum



Chip Vac

Vacuums chips directly into a drum - with no moving parts!
EXAIR's Chip Vac is used to clean chips from fixtures, floors & work surfaces of machining centres, lathes, saws, mills & other industrial equipment.



Vac-U-Gun

The Vac-u-Gun offers a more efficient way to blowoff, cool, dry and clean.
The Vac-u-Gun is a low cost solution to a wide variety of industrial housekeeping problems. The Vac-u-Gun is a vacuum gun, a blow gun and a transfer tool all-in-one.
Lightweight and easy to use, the Vac-u-Gun has durable die cast construction with no moving parts to wear out.



Exair Static Eliminators, Air Operated Conveyors and E-Vac Vacuum Generators



Gen4® Super Ion Air Knife

Powerful static eliminator prevents jamming, tearing, shocks and dust up to 20' away!
 Applications areas:
 Web cleaning, Molding machinery, Sheeters and trimmers, Cleaning parts, Pre-paint dust removal, Shrink wrappers, Package cleaning, Bag opening/fill operations, Printing equipment



Gen4® Ion Air Gun

EXAIR's Gen4 Ion Air Gun is the ideal way to remove static, contaminants and dust from three dimensional parts prior to assembly, packaging, painting or finishing. The Gen4 Ion Air Gun neutralizes static electricity and cleans at distances up to 15 feet (4.6m).



Line Vac

Convey parts, materials, waste - with no moving parts!
 EXAIR's compressed air operated Line Vac connects to standard hose or tube to create a powerful in-line conveyor.



E-Vac Vacuum Generators

Vacuums for lifting, clamping, mounting and placement!
 E-Vac Vacuum generator unit can be easily mounted close to the work surface eliminating line loss that occurs in long lengths of tubing. E-Vac increases cycle speed & eliminate the need for a larger vacuum generator.



Exair Optimization and Atomizing Nozzles



Digital Flow Meter

Monitor compressed air usage and waste!
 EXAIR's Digital Flow meter is an effortless way to observe compressed air consumption & waste. Identifying costly leaks or inefficient air products makes it possible to save thousands of dollars per year in compressed air waste.
 Easy to install

- No moving parts
- Sensitive at low flows
- No calibration or setup required
- Includes necessary components for installation
- Two models for use on 1" and 2" Schedule 40 Iron Pipe

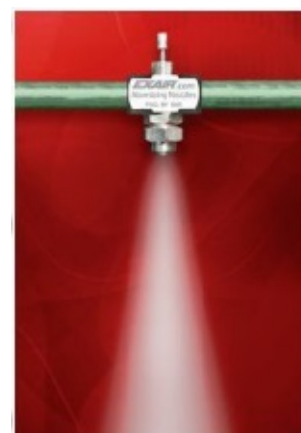
EXAIR's Digital Flowmeter with wireless capability is available as a built in option for EXAIR digital flowmeters. The easy way to monitor compressed air consumption and waste can now be done wirelessly over a ZigBee® mesh network!



Ultrasonic Leak Detector

The Ultrasonic Leak Detector (ULD) is a superior instrument with high quality that can locate costly leaks in a compressed air system. The Ultrasonic Leak Detector is compact, lightweight & designed for one hand operation. Using the Ultrasonic Leak Detector a person need only aim it in the direction of a suspected leak. The LED display will light & an audible tone can be heard with the use of the headphones, when a leak is detected. At distances up to 20' (6.1m) away the testing of various unions, pipes, valves & fittings can be done quickly & effectively.

- Locates leaks in air, steam and non-flammable gas systems including pipes, fittings, valves, cylinders and pressure vessels
- Finds the source of bearing and gear wear
- Locates arcing in an electrical system
- Detects refrigeration and air conditioning system leaks
- Detects leaks in vacuum systems



Atomizing Nozzles

EXAIR's atomizing spray nozzles atomize fluids (most commonly water) in a range of spray patterns for a variety of uses. They combine liquid and compressed air to create a mist of atomized liquid that can be easily adjusted to meet the needs of your application. All models use stainless steel construction for durability and corrosion resistance. Atomizing spray nozzles are available in 1/4 NPT and 1/2 NPT sizes.
 EXAIR's patented† no drip atomizing spray nozzles work in the same way our standard atomizing nozzles do, but have the added benefit of positively stopping liquid flow when compressed air is shut off. All models use stainless steel construction for durability and corrosion resistance.



Airpot Products

Airpot Precision Dashpots, Shock Absorbers(Snubbers) , Airpot Self-Aligning Pneumatic Actuators & Airpel Antistiction Cylinder



2K56 2K95 2K160 2K240 2K325 2K444

Airpot Precision Dashpots

offer highly accurate motion control, including vibration damping, spring damping, solenoid damping, and control of free fall velocity.



2K51605 2K92405 2K93255 2K94445

Shock Absorbers(Snubbers)

Airpot snubbers provide a wide range of low to moderate energy applications in which accurate control of impact, damping or shock absorption is required.

Airpot Self-Aligning Pneumatic Actuators

Airpot self aligning pneumatic actuators employ the unique combination of a borosilicate glass cylinder and graphite piston and have notable performance properties with respect to friction, cleanliness, and temperature range.



2K56P 2K95P 2K160P 2K240P 2K325P 2K444P



Deschner Products

Cushioneer shock absorbers & Kinechek speed regulators



Cushioneer



Kinechek



Impacta Series



Super K / Mini K

DESCHNER-USA provides various types of Industrial shock absorbers . Cushioneer shock absorbers smoothly decelerate moving equipment and material to a stop while minimizing G forces to prevent damage and allow faster cycling, processing time, or handling speed. Kinechek speed regulators move at a constant speed throughout their stroke to allow consistent control of linear motion, such as that provided by an air cylinder.



Vuototecnica Products

Suction Cups



Suction Cups Types : Packaging Suction cups, Bellow Suction cups, Flat suction cups, Rectangular Suction cups, Foam Suction cups, Anti touch cups, Suction cups with inbuilt ball valve.
Suction lip Sizes : 3mm to 300 mm Diameter.
Compound Availability : A = Oil-Resistance rubber, N = Natural Para Rubber, S = Silicon Rubber.

Vacuum Generators

Types of Generators : Single Stage Generators, Multi Stage Generators, Generators with electrical operations & shockproof, Stackable Generators.
Vacuum Flow : 45 LPM to 12500 LPM.
Vacuum Level : 0 - 86 KPA.



All the Generators are made up of Anodized Aluminum, we also have Pneumatic Vacuum Pump sets for large vacuum applications for continuous operation.