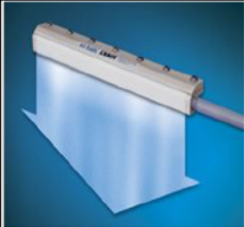


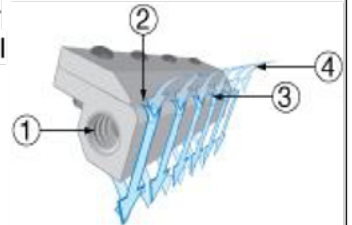


# AIR / V A C U U M

## AIR KNIVES



A quiet, energy efficient way to clean, dry or cool parts, webs or conveyors. The Standard Air Knife utilizes the coanda effect (wall attachment of a high velocity fluid) to create air motion in its surroundings. Using a small amount of compressed air as a power source, the Standard Air Knife pulls in large volumes of surrounding air to produce a high flow, high velocity curtain of air for blow off.



## AIR AMPLIFIERS



A simple, low cost way to move air, smoke, fumes, and light materials. Air Amplifiers utilize the coanda effect, a basic principle of fluidics, to create air motion in their surroundings. Using a small amount of compressed air as their power source, Air Amplifiers pull in large volumes of surrounding air to produce high volume, high velocity outlet flows. Quiet, efficient Air Amplifiers will create output flows up to 25 times their consumption rate.

## VACUUM GENERATORS



Compressed air powered E-Vac vacuum generators are the low cost way to create a vacuum for Pick and Place, Clamping, Lifting, Chucking, Alignment & Surface Mounting. Compressed air powered vacuum pumps provide instantaneous response and are most commonly used for pick and place operations. These single stage vacuum pumps are a low cost venturi available in a variety of sizes and flows along with a selection of suction cups suitable for a wide range of applications

## CABINET COOLERS



Cabinet Coolers are a low cost, reliable way to cool and purge electronic control panels. EXAIR Cabinet Coolers incorporate a vortex tube to produce cold air from compressed air - with no moving parts. The compact Cabinet Cooler can be installed in minutes through a standard electrical knockout. NEMA 12, 4 and 4X Cabinet Coolers that match the NEMA rating of the enclosure are available in many cooling capacities for large and small control panels.



## AIR NOZZLES & JETS



A simple solution to excessive air consumption and noise levels on compressed air blow off operations. Air Nozzles and Jets produce outlet flows up to 25 times compressed air consumption using a small amount of compressed air as the power source.



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# N C P S INDUSTRIAL

## AIR / V A C U U M

### LINE VAC



Line Vac conveyors are ideal for moving large volumes of material over long distances. A small amount of compressed air is injected through directed nozzles to produce a vacuum on one end and high output flows on the other, with instantaneous response. The material flow rate is easily controlled with a pressure regulator. An optional bracket permits easy mounting. No moving parts or electricity assures maintenance-free operation.

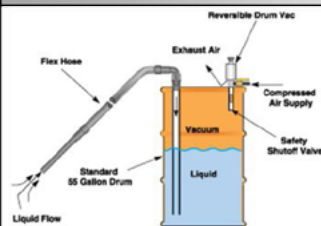


### COLD GUN



Heat build up on dry machining operations reduces tool life and machining rates. The Cold Gun Air coolant System produces a stream of clean cold air at (28°C) below supply air temperature. Operation is a quiet 70 dBA and there are no moving parts to wear out. It will remove heat to prolong tool life and increase productivity on machining operations when liquid coolants cannot be used. The Cold Gun is also an alternative to expensive mist systems. It eliminates the costs associated with the purchase and disposal of cutting fluids and worker related health problems from breathing airborne coolants or slipping on wet shop floors.

### DRUM VAC



Air operated Reversible Drum Vac System attaches quickly to any closed head 205 litre (44 gallon) drum. Its high powered vacuum fills the drum in less than two minutes. With the simple turn of a knob, the same stainless steel pump quickly empties the drum. Coolant sumps can be easily refilled, floor spills vacuumed, or contaminated liquids transferred to filtration tanks in minutes. The flow rate in and out of the drum can be controlled with the knob, making it ideal for dispensing liquids.

### DIGITAL FLOW METER

A Digital Flow Meter is the easy way to monitor compressed air consumption and waste! The digital display shows the exact amount of compressed air being used downstream. This makes it possible to save thousands of dollars per year in compressed air waste – helping to identify costly leaks or inefficient air products. Many companies install the Digital Flow meter on each major leg of their air distribution system to constantly monitor and reduce compressed air usage.



### VACUUM CUPS



Selecting the type of vacuum cup, material, and size suitable for an application is important to the overall vacuum system. There are many types and variations of vacuum cups. Please contact us for further information.



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