

EXAIR®-MAIL



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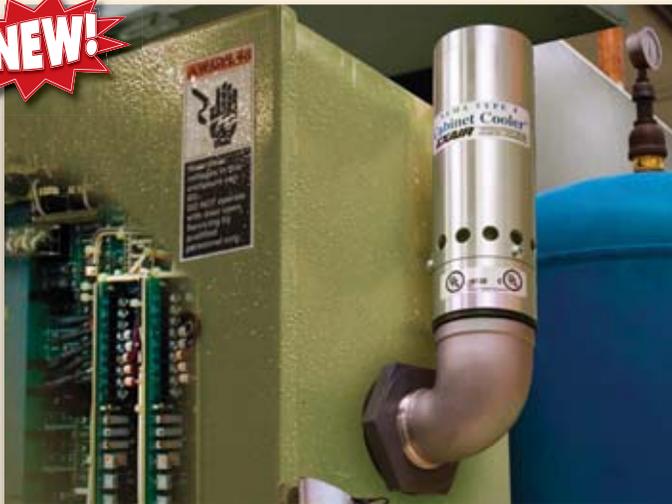
NEWS YOU CAN USE FROM EXAIR CORPORATION

Air Conditioner For Your Tool Box

The heat is on with temperatures soaring above 90°F (32°C) across most of the country. Unfortunately, electronic equipment designed to work well at a maximum ambient of 80°F (27°C) is likely to fail. Hot weather can overheat your circuit boards, variable speed drives and PLCs which end up shutting down your machines, or worse yet, your entire production line.

EXAIR's Cabinet Coolers are a fast to install, low cost solution to overheating control panels. And, they're so small that many maintenance people choose to carry them in their tool box - ready for that next sudden heat related shutdown. Cabinet Coolers:

- Keep the enclosure cool with 20°F (7 °C) air
- Maintain the NEMA 4, 4X or 12 rating of the enclosure
- Mount in minutes through an electrical knockout
- Minimize compressed air use with thermostat control



EXAIR's new Side Mount Kit for Cabinet Coolers offers convenient mounting to the side of an electrical enclosure.

Cabinet Coolers are small (size of a flashlight) and are typically mounted on the top of the electrical enclosure. EXAIR's new Side Mount Kits for Cabinet Coolers are ideal for NEMA 4/4X applications where top mounting of the Cabinet Cooler is not possible due to limited space or obstructions above the enclosure. The Cabinet Cooler maintains the NEMA rating of the enclosure while protecting it from heat, dirt and moisture.

Do you have a heat related problem? **Contact an Application Engineer at 1-800-903-9247 or e-mail at techhelp@exair.com.** They'll be glad to help.

Put An End To Static Electricity Problems

Static electricity creates all sorts of production problems that include dust attraction, materials jamming up, poor print quality and painful shocks to name a few. Many think "static" to be a problem that occurs only in the dry months of winter. Not so. There is an ever increasing number of air conditioned facilities where the lack of humidity causes a number of static related problems.

EXAIR manufactures a full range of static eliminators that work well in any season. The Super Ion Air Knife, Ion Air Cannon, Ionizing Air Gun and Ion Air Jet use our engineered airflow products to remove the charge quickly, over a large surface area. For applications where air might disturb the product, there is the Ionizing Bar and Ion Point.

Now, EXAIR has a new way to cut the cost where three or four static eliminators are used. The new four output power supply can power up to four static eliminators. An ordinary power supply has only two output connectors. This is ideal for applications where there are four work stations where each operator is using an Ion Air Gun or for a blowoff station using a series of four Super Ion Air Knives to neutralize and clean parts.

Do you need help with a static problem? Mail the enclosed postage-paid card for our catalog (which has 20 pages dedicated to static control) or **contact an Application Engineer at 1-800-903-9247.**



The NEW Four Output Power Supply can energize up to four static eliminators - twice the capacity of ordinary power supplies.

Would You Like To Save Thousands Of Dollars?...



EXAIR's NEW EFC™ is an electronic flow control that limits compressed air use by turning on the air only when the part is present. For more information, visit www.exair.com/efc.htm or contact an Application Engineer at 1-800-903-9247.

Application Spotlight: Cooling Extruded PVC Hose



The Problem:

A company who makes plastic extruded parts had a problem when manufacturing their reinforced heavy wall PVC tubing. There was no space to allow the tubing to cool as it exited the extruder. There was just enough space to immediately coil it, cut it to length, then move it to the storage racks. When they coiled it, the hot tubing bonded to itself. In an attempt to solve the problem, they cooled the tubing by running it through a short water bath. This resulted in customer complaints regarding water spots and wet tubing.

The Solution:

They installed the **Model 3925 Adjustable Spot Cooler** and directed the dual point hose directly at the PVC tubing as it exited the extruder. The cold air dropped the temperature of the outside of the hose enough so the tubing could be coiled and stacked without it sticking to itself.

Editor's Comment:

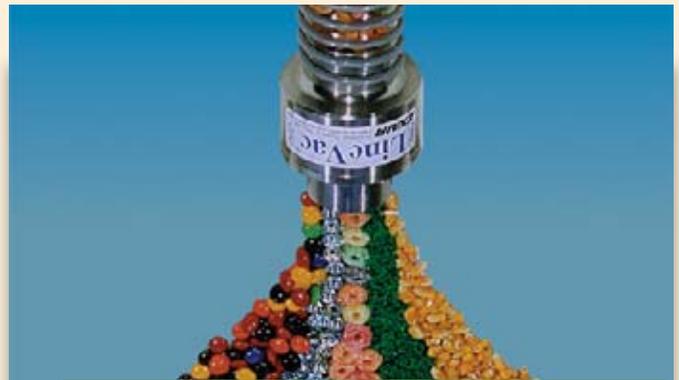
There's no easier spot cooling solution than EXAIR's low cost Adjustable Spot Cooler. With the simple turn of a knob, you can select the temperature of your choice, down to -30°F (-34°C). The magnetic base makes it easy to put the Adjustable Spot Cooler right where it's needed and direct the cold air on the hot part by simply aiming the airflow at the part by using the dual point hose. Other common spot cooling applications include cooling machined plastics, welding horns, setting hot melt adhesives, and adjusting thermostats.



✓ New Application Checklist

While EXAIR products are sometimes considered “unique”, the problems they solve are not. Here are several recent success stories. Please call our Application Engineers at **1-800-903-9247** or e-mail them at techhelp@exair.com for help with your application.

- ✓ A food products company eliminated the lifting of sawdust up to their mezzanine for their meat smoker by conveying it to the smoker with a **Model 6084 2” (51 mm) Line Vac**.
- ✓ A ceiling tile manufacturer replaced a homemade blowoff nozzle with a **Model 110006 6” (152 mm) Super Air Knife** to keep debris off a temperature sensor. The air savings was 30%.
- ✓ A supplier of horse bedding keeps their plastic bags from sticking together by using a **Model 111218 18” (457 mm) Super Ion Air Knife Kit** to neutralize the static charge on the bag surface.
- ✓ Prior to packaging their pepperoni, a meat products company blows the scrap casing and other debris away using the **Model 2403SS 3” (76 mm) Stainless Steel Super Air Wipe**.
- ✓ A company applying a metallized coating to steel shafts was able to double their capacity by cooling them with a **Model 120022 2” (51 mm) Super Air Amplifier**.



Air Operated Conveyors

- » Large throat diameters for maximum throughput capacity
- » Aluminum or stainless steel
- » Fits standard hose, tube and pipe
- » Nine sizes from 3/4” to 5”

Line Vac converts ordinary hose, tube or pipe into a compressed air operated conveying system for complex shapes, bulk solids and waste. Units produce a vacuum on one end and high output flows on the other.

Call now **(800) 903-9247**

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To learn more go to:
www.exair.com/05/464.htm