

# EXAIR®-MAIL

Number 36

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**NEWS YOU CAN USE FROM EXAIR CORPORATION**



## End High Temperature Shutdowns

Electronic control panels in industrial environments are exposed to a wide variety of elements such as dust, water, and heat. The enclosure protects the electronics inside from contamination but magnifies the heat problem when the summertime heat sets in. Many people are tempted to open the door and point a fan at the electronics with the hope that their troubles will soon disappear. Besides blowing a lot of hot air around, this "quick fix" is not a good choice since dirt and other contaminants are blown into the panel. And, the exposed electrical components are a hazard to employees close by.



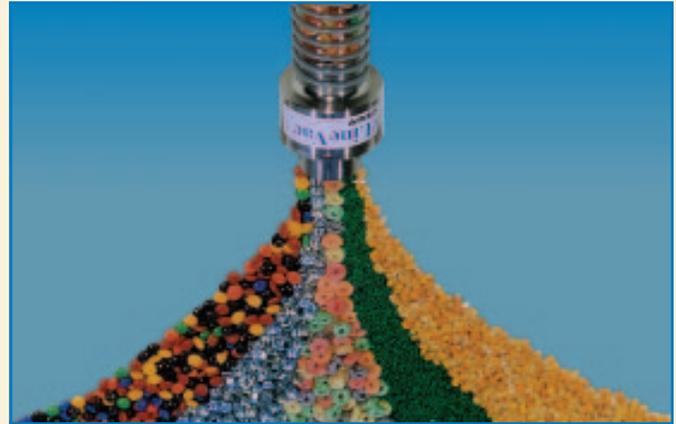
**High Temperature Cabinet Coolers purge and cool overheated controls in ambients up to 200°F.**

Cabinet Coolers isolate the electronics from hostile environments while purging the enclosure with 20°F air. A new version, EXAIR's High Temperature Cabinet Coolers have no heat susceptible components and can withstand environments up to 200°F. Just like the standard Cabinet Coolers, these have no moving parts to wear out which make them ideal for hot locations such as bakeries, glass plants, foundries or steel mills.

**EXAIR Cabinet Coolers are listed by Underwriters Laboratories, are quiet (less than 75 dBA at 3 feet) and maintenance-free.** Stainless steel construction and thermostat control to minimize compressed air usage is available in capacities up to 2000 Btu/hr.

Need help selecting the right model for your overheated enclosure? Call Brian, Neal or Joe in our Application Engineering Department. They will be glad to help.

## Air Operated Conveyors



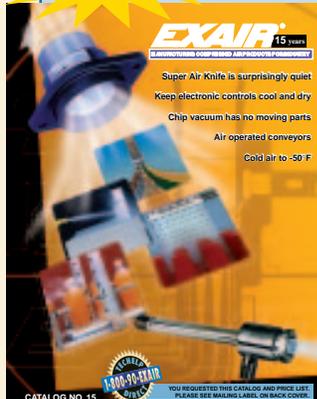
**Line Vac conveys materials, trim and scrap.**

Handling small parts and bulk materials can often be a tedious, backbreaking operation. It doesn't have to be this way. The recent development of our Line Vac has made it easy to move materials from point A to point B without the monotonous lifting. Recent applications include:

- Conveying specialty coffee from a blender to a pouch filling machine
- Transporting fiber filling for stuffed animals
- Transferring caps of aerosol cans to a hopper

Simply add a hose to the intake or exhaust to make a system that is ready for instant transport! Line Vac can accommodate a variety of parts and materials. The eight sizes are available in aluminum or corrosion-resistant stainless steel (which is ideal for food applications). If you would like to know more, please contact one of our Application Engineers.

**NEW!** **Free 72 Page Full-Color Catalog**



EXAIR's new 15th anniversary edition, Catalog 15, is hot off the press and is yours free for the taking. This new catalog is crammed full of new products, application photos, additional technical data, detailed illustrations and more. **We've revised our catalog from cover-to-cover to make it easier than ever before to understand and apply our products.** If you would like a free copy, simply return the enclosed postage-paid card. We'll send yours right away.

CATALOG NO. 15

YOU REQUESTED THIS CATALOG AND PRICE LIST. PLEASE SEE MAILING LABEL ON BACK COVER.

*(please see other side)*

## -30°F Air With The Turn Of A Knob!



### **A Model 3825 Adjustable Spot Cooler maintains critical tolerances on a machined plastic part.**

Have you ever used an electric drill or saw on a piece of plastic only to have it crack, melt or distort? Chances are, you have. Unfortunately, there are a large number of people that deal with this problem on a daily basis.

Plastics and composites are extremely susceptible to heat. Liquid cooling is not a good choice since it can destroy the product finish or break down the material. The alternative is to use clean, cold air from EXAIR's Model 3825 Adjustable Spot Cooler. Using a small amount of compressed air, **the Adjustable Spot Cooler provides a precise temperature setting down to -30°F** with the turn of a knob. You can select the temperature that is best suited to your application and eliminate the heating problem.

The Adjustable Spot Cooler is also ideal for:

- Setting hot melts
- Cooling solder
- Adjusting thermostats
- Cooling ultrasonic welding horns

If you'd like to know more about the Adjustable Spot Cooler, simply return the enclosed postage-paid card to receive our new catalog. Or, if you would like immediate assistance, contact an Application Engineer.

## **EXAIR's Unconditional Guarantee**

We take pride in the quality products we manufacture and back them with a one year warranty. We also extend the following guarantee:

### **The EXAIR® Guarantee**

EXAIR unconditionally guarantees its cataloged products for 30 days. If you are not satisfied for any reason within that time, you may return the product for full credit with no restocking charge.

## **Application Checklist**

In each newsletter, we summarize some common problems solved by EXAIR products. Please call our Application Engineering Department for help with yours.

-  A packaging company removes static and dust from laundry detergent containers with a **Model 11112 12" Super Ion Air Knife System** prior to silkscreening.
-  Molten plastic is extruded into vinyl siding, then uniformly cooled to control surface gloss with a **Model 2018SS 18" Stainless Steel Air Knife**.
-  A plant maintenance department uses the **Model 6191 Reversible Drum Vac** to vacuum etching solution from their floors prior to epoxy coating.
-  Machined parts hanging from an overhead conveyor are rinsed, then dried by (2) **Model 2036 36" Air Knife** (one on each side) prior to entering a plating operation.
-  A machine shop band sawing titanium doubled the cutting rate and increased blade life by 32 times with the **Model 5215 Cold Gun System**.

## **Sound Savings.**



**EXAIR Jets and Nozzles.** Dramatically decrease air consumption and noise level on compressed air blowoff operations.

Air savings can be as much as 80% over conventional open air jets, without sacrificing high force and volume. And, noise level is typically reduced by 10 dBA. Because they meet OSHA pressure requirements, they're suitable for a wide variety of applications. Call for a free catalog or to talk with an EXAIR Engineer.

**EXAIR® Corporation**

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