



## New Catalog 29 Available!

EXAIR is excited to announce that our new Catalog 29 is available now! Filled with more new and improved products, you will find even more problem solving engineered compressed air products.



EXAIR has redesigned our static eliminators. Our **Ion Air Gun**, **Ion Air Cannon**, **Ion Air Jet**, **Ionizing Point** and **Super Ion Air Wipe** have all undergone independent laboratory tests to certify these new products meet the rigorous safety, health, and environmental standards of the European Union, USA and Canada. All of these redesigned products are now CE and RoHS compliant and UL component recognized.

All of our new Static Eliminators use the **Model 7960 Power Supply**. This new Power Supply has selectable voltage. You can choose 115V, 50/60Hz or 230V, 50/60Hz. The modular cable with electromagnetic shielding protects sensitive electronics against electromagnetic interference. These are UL component recognized to US and Canadian Standards and are CE and RoHS compliant.

EXAIR's **Model 1004SS Back Blow Air Nozzle** delivers the smallest, most effective airflow for cleaning out small diameter tubes, pipes, channels or holes. EXAIR now offers Back Blow Air Nozzles for 1/4" (6.3mm) to 16" (406mm) inside diameters. Extensions for reaching farther into a pipe, tube, hose, channel or hole are available.



All of EXAIR's Back Blow Air Nozzles can be used on our Safety Air Guns. The **1204SS Soft Grip Safety Air Gun** features the Model 1004SS Back Blow Air Nozzle. The Soft Grip Back Blow Safety Air Gun provides an ergonomic design with a 1/4 NPT inlet and a full grip trigger which is ideal for hours of continuous operation without fatigue.



EXAIR offers new **Universal Air Knife Plumbing Kits** for Stainless Steel Super Air Knives in lengths from 60" (1524mm) to 108" (2743mm). The Universal Air Knife Plumbing Kits prevent you from searching for the right fittings or using undersized air supply lines. They provide properly sized compressed air hose or pipe, and fittings to interconnect the bottom or end compressed air inlets for best performance and ease of installation.



## Bravo to EXAIR Again!

Four of EXAIR's products have been chosen as finalists in the *Plant Engineering* Product of the Year contest. Our patented **No Drip Internal Mix Liquid Atomizing Nozzles** conserve liquids and improve finishes by preventing unwanted drips. New **Back Blow Air Nozzles** clean the inside of pipes, tubes, hose or channels. The new **High Lift Reversible Drum Vac** removes liquids from underground tanks, wells or pits. The **ETC for Dual Cabinet Coolers** provides precise temperature control for Cabinet Cooler Systems and conserves compressed air. It's an honor that our innovative products were once again chosen for this competition. Winners are chosen by the readers of *Plant Engineering* and will be announced on April 1st of 2016. EXAIR is one of only a few companies whose products win awards year after year after year – a testament to the constant innovation and quality of the products we offer!



EXAIR offers the largest selection of the best products available to help you solve your industrial problems. We can help you to conserve energy and compressed air while keeping employee's OSHA safe, and that will help you save on your bottom line. Talk to one of our Application Engineers to see what we have to help your plant be more efficient and solve your production problems.

## Application Spotlight:

### Static Charge Removed, Eliminating Misfeeds and Defects

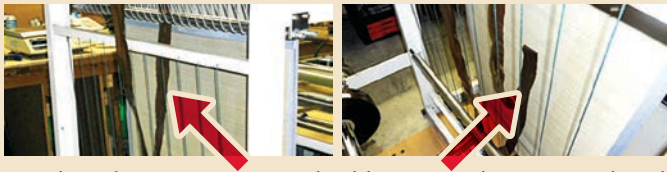


#### Application Goal:

To eliminate static and increase productivity and quality

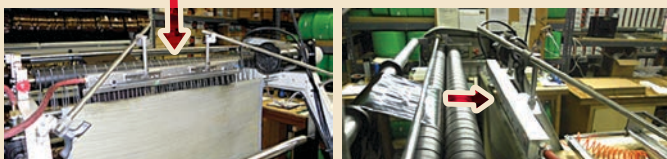
#### The Problem:

Before the Super Ion Air Knives were installed, a medical product packager was having issues with the bag material climbing the tension curtain which would cause misfeeds, irregular bag length, material tracking issues and a considerable amount of down time. The machine had a "static eliminator" on it from the factory that did not seem to work.



When the tension curtain builds a static charge, it makes the bag material cling to the curtain instead of passing under it.

#### The Solution:



Once the 36" (914mm) Super Ion Air Knife was mounted using the **Universal Air Knife Mounting Systems**, it was positioned over the top of the curtain so that it could blow ionized air down both sides. This eliminated all static issues with the tension curtain. By enabling the machine to keep a proper tension on the bag material, it also corrected all incorrectly cut bags and misfeeds at the opposite end of the machine. The machine down time and defects were decreased to less than 5% of material processed.

#### Editor's Comment:

Since installing the ion air knives on their system, this customer was able to run production at a constant rate with little to no downtime. The Super Ion Air Knife is commonly used for prepackage cleaning, bag opening and filling operations, cleaning automobile bodies prior to painting, web cleaning, as well as eliminating jams, tears and those painful static electricity shocks.



**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**.



## New Application Checklist

EXAIR products solve a variety of problems. Please call our Application Engineers at 1 (800) 903-9247 or e-mail them at [techhelp@exair.com](mailto:techhelp@exair.com) for assistance with yours.



A manufacturer of recreational food coolers is using a **Model 120022 2" (51mm) Super Air Amplifier** to convey slugs cut from their ice coolers to create holes for water drains. They used to stop production for cleanup; now they simply convey the slugs to a fiber drum. This has resulted in reduced labor, better housekeeping and more production.



An industrial films company is using the **Model 6083 1 1/2" (38mm) Line Vac** to remove trim scrap from the winding process on industrial shrink film. The Line Vac has increased the capacity of the winding application because it has eliminated a trim take-up roll which would need to be changed out before winding was complete.



A small manufacturing company is using the **Ion Point** to remove a static charge from a small plastic part. The static charge was interfering with an ink jet printing application and causing splatter on the part. The Ion Point improved the printing quality and the product appearance.



An industrial heat treating company uses **Model 110030 30" (762mm)** and **Model 110036 36" (914mm) Super Air Knives** to remove quenching oil from heat treated parts. This has helped conserve quenching oil and provided a cleaner/safer environment by keeping the quench oil in the tank.

## Super Ion Air Knife™



### Powerful static eliminator prevents jamming, tearing, shocks and dust up to 20' away!

- » Web cleaning
- » Molding machinery
- » Sheeters and trimmers
- » Cleaning parts
- » Pre-paint dust removal
- » Shrink wrappers
- » Printing equipment

EXAIR's Super Ion Air Knife removes static electricity from plastics, webs, sheet stock and other product surfaces. The laminar sheet of air sweeps surfaces clean of static, particulate, dust and dirt. Production speeds, product quality and surface cleanliness can improve dramatically.



To learn more go to:

[www.exair.com/05/siak.htm](http://www.exair.com/05/siak.htm)