

## New 20th Anniversary Catalog Offers Many New Products!

We have just completed our 20th year in business and are grateful to everyone who has supported us with their trust and confidence in our products and staff. In 1983, EXAIR's cooling, blowoff, drying and cleaning products fit on several single page brochures. Twenty years later, we manufacture enough products to fill a 112 page catalog! Below are some of the new products that may be of interest to you. If you'd like more information, simply drop the enclosed postage-paid card in the mail (there's nothing to fill out). We'll send our new Catalog 19 and price list to you right away.

### Safety Air Guns

**NEW!**



**Safety Air Guns use new engineered air nozzles to reduce noise and air consumption.**

- Meets OSHA pressure and noise requirements
- Many styles available

EXAIR's complete line of **Safety Air Guns** combine high performance with low air consumption. Sound levels are surprisingly quiet. Pipe extensions and flexible Stay Set Hoses that hold their position are available.

### Mini Super Air Nozzle™

**NEW!**



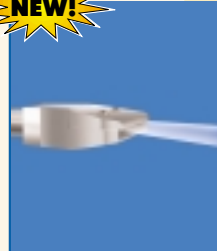
**The small version of the best air nozzle available!**

- Dramatically reduce air consumption and noise
- Use for drying, cooling, blowoff, part ejection

**Air Nozzles and Jets** produce outlet flows that are 25 times the compressed air consumption! Replace drilled pipe, open pipe and copper tubes. Meets OSHA pressure and noise requirements. Magnetic bases and Stay Set Hoses are available.

### 2" Super Air Nozzle™

**NEW!**



**A flat air nozzle that works!**

- Uses patented design for high velocity, uniform airflow
- Minimizes air usage
- Meets OSHA pressure and noise requirements

Our new **2" Super Air Nozzle™** is a highly efficient, unique flat air nozzle. EXAIR's patented design uses a special shim to maintain the component parts for a flat uniform airstream that no other flat air nozzle can deliver.

### Super Air Wipe™

**NEW!**



**Blowoff, dry, clean and cool pipe, cable, extruded shapes, and hose!**

- Split design requires no threading
- New design for environments up to 400°F (204°C)!

The **Super Air Wipe™** provides a uniform 360° high volume, high velocity airstream using a small amount of compressed air. Split design makes it easy to clamp around moving materials. Ideal for pipe, cable, extruded shapes and hose.

### Reversible Drum Vac™

**NEW!**



**Two-way drum pump for 30 gallon drums!**

- All stainless steel pump
- Safe - no electricity
- No moving parts to wear out - maintenance free

EXAIR's **Reversible Drum Vac™** can fill or empty an ordinary 30 gallon drum in one minute! It's ideal for transferring coolant, vacuuming floor spills, sludge, tramp oil, water and more! A model for 55 gallon drums is also available.

### Super Air Nozzle Clusters™

**NEW!**



**Up to 12 times the force of one Super Air Nozzle!**

- 3 sizes
- Delivers a far reaching concentrated blast with up to 9.8 pounds (4.5 kilograms) of force!

**Super Air Nozzle Clusters™** are the perfect match for applications requiring high force with extensive reach. The clusters are ideal for part ejection as well as blowoff, cooling and drying applications. Meets OSHA noise and pressure requirements.

### Air Stik Window Blowoff™

**NEW!**



**Keep the window clear of coolants.**

- Low cost
- No electricity
- Eliminate downtime
- Avoid costly mistakes
- Eliminate tool and machine damage

The **Air Stik Window Blowoff™** gives the machine operator a clear view of the part and the machining operation when coolants are used. The unobstructed view increases productivity by permitting faster setup and part testing.

### Super Blast Air Guns™

**NEW!**



**12 times the force of an ordinary air gun!**

- 3 sizes
- Ideal for long distance, wide area blowoff
- Meets OSHA noise level and pressure requirements

The **Super Blast Air Guns™** have the same strong blowing force as the Super Air Nozzle Clusters with the added convenience of a comfortable grip and easy to operate manual valve. Provides long distance sweeping action for cleaning, blowoff, and drying.

### Catalog 19 and Price List



EXAIR's new 112 page 20th Anniversary Catalog includes many new products, expanded technical data, application photos and more. **Now, you'll find airflow patterns for all air moving products!**

Drop the enclosed postage-paid card in the mail or go to [www.exair.com/catalog.htm](http://www.exair.com/catalog.htm) now for your FREE copy.

## Application Spotlight: Cleaning Axle Hubs After Machining



### The Problem:

A manufacturer of bearings had a problem removing coolant and chips from the machined surface of axle hubs prior to inserting the press fit lugs. Attempts were made to clean them using a series of air nozzles blowing across the hub surface. While this arrangement removed most of the contamination, traces of coolant and chips still remained on some hubs due to voids in the airflow. Production was slowed while waiting for an operator to clean many of the parts by hand, using an ordinary air gun.

### The Solution:

The manufacturer installed (1) Model 110012 12" (30cm) Super Air Knife across the top of the conveyor and (2) Model 110006 6" (15cm) Super Air Knives mounted vertically (one on each side). They were angled so the approaching axle hub was completely covered by the uniform sheet of high velocity airflow. The entire surface was clean and hand cleaning was eliminated.

### Editor's Comment:

It's common to see this same Super Air Knife configuration, regardless of the part. Why? The Super Air Knife completely surrounds the surface with high velocity, laminar airflow that is consistent across the entire length. There are no forceful spikes of air that could possibly change the orientation or position of the part. Banks of air nozzles or a blower can't deliver that sort of consistency. When high velocity, uniform airflow, low air consumption and quiet operation are necessary, the Super Air Knife is the best choice.

### 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.

Of course, this is in addition to our "Built To Last" Warranty.





## Add Us To Your "Favorites"



EXAIR's website is constantly changing to include additional information that might be helpful to you. You'll find detailed product information, compressed air engineering data, FAQ's (Frequently Asked Questions) and numerous downloads such as CAD drawings and pdf documents. Visit [www.exair.com](http://www.exair.com) and be sure to add us to your favorites.

## Application Checklist

Over the past twenty years, EXAIR products have solved many common problems. You might recognize some of the new ones below. Please call our Application Engineers at 1-800-903-9247 or contact them at [techhelp@exair.com](mailto:techhelp@exair.com) for help with yours.

-  A manufacturer of contact lenses uses the **Model 6080 3/4" (19mm) Line Vac** to vacuum rejected contact lenses to a trash container.
-  To eliminate clean-up time, a manufacturer of vinyl fencing uses the **Model 120022 2" (51mm) Super Air Amplifier** to blow fines out of hollow square fence posts as the edge is routed.
-  A steel plant replaced the fans on their control panels with the **Model 4330 Cabinet Coolers**. Previously, the filters on the fans completely clogged with dirt in two weeks and the panels overheated.
-  To speed up manufacturing, a window company cools a hot melt adhesive with the **Model 3825 Adjustable Spot Cooler** prior to installing the glass.

## Static Control Products

Prevent jamming, tearing and static electricity shocks!



EXAIR provides the cost effective solution for removing static electricity from plastics, webs, sheet stock and other product surfaces. Production speeds, product quality and surface cleanliness can improve dramatically.



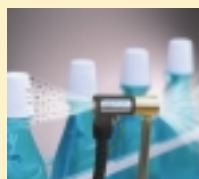
**Super Ion Air Knife™** delivers a uniform sheet of static eliminating ions!



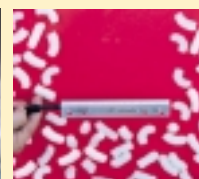
**Ion Air Cannon™** provides a concentrated flow for static removal.



**Ion Air Gun™** is a rugged, ergonomic, effective spot cleaner.



**Ion Air Jet™** is a compact static eliminator that delivers a blast of air!



**Ionizing Bars** compact, rugged bars eliminate static cling.



**Digital Static Meter** locates the source of the static problem.