

## EXAIR's New Catalog 34

EXAIR carries a wide selection of manufacturing solutions and is continuously striving to produce new and innovative products. That's why EXAIR is excited to present the new Catalog 34; a full color technical guide offering solutions to common industrial conveying, cooling, cleaning, blowoff, drying, coating and static electricity problems. The expanded Catalog 34 introduces the new TurboBlast® Safety Air Gun, HollowStream™ Liquid Atomizing Nozzles and the Intellistar® Ion Air Nozzle.

Catalog 34 provides detailed tables and descriptions on each product as well as highlights some of EXAIR's newest additions. The TurboBlast Safety Air Gun is an incredibly powerful and ergonomic air gun with an adjustable airflow capable of producing up to 23 lbs of force. Catalog 34 also introduces our latest Liquid Atomizing Spray Nozzles, the 3/8 NPT HollowStream. This new nozzle creates a uniform hollow cone spray pattern perfect for cooling, washing, rinsing, solids removal and dust suppression. Forged from type 303 stainless steel, these are durable and corrosion resistant nozzles that work seamlessly with a variety of liquids.

In addition, Catalog 34 carries technical data, dimensions and drawings, as well as applications and advantages for every product to provide all the details needed to make an informed



decision when shopping EXAIR products. EXAIR has made its name helping companies conserve compressed air, reducing hazardous noise levels and increasing safety for personnel and the new Catalog 34 is filled with solutions to do just that.

If unsure of how a product will work with a current process, EXAIR also has a team of Application Engineers on call to personally walk through

any problem and assist customers with a solution. They can be reached by phone, email, or online chat located at EXAIR.com.

EXAIR also works diligently to provide unmatched customer service and provide customers with the solutions they need quickly to avoid costly downtime. It's for that reason that EXAIR offers same day shipping on all stock products ordered before 2pm.

Order the new Catalog 34 today and browse 224 pages of quality products assured to help customers solve their unique problems and improve processes. Visit the website to download or request a copy today.

[Learn more at exair.co/05-cat34](http://exair.co/05-cat34)

## EXAIR's New Intellistar Ion Air Nozzle

EXAIR's new Intellistar® Ion Air Nozzle is the newest offering from our line of static eliminating products. The Intellistar Ion Air Nozzle produces ionized compressed air to neutralize static and remove troublesome particulates during clean processes, test procedures and sensitive assembly work. The key feature that separates the nozzle from our

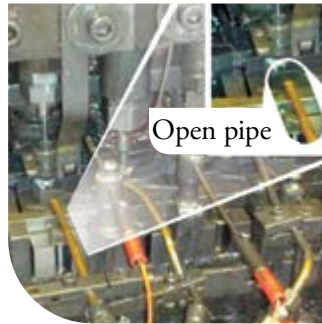


Intellistar Ion Air Gun is a compact stainless steel adjustable mounting bracket enabling easy mounting to benchtops and machine frames for hands-free operation. Carrying a cleanroom Class 5 rating per ISO 14644-1, the Intellistar Nozzle makes the ideal solution for sensitive processes like medical device production, circuit board manufacturing, glass lens cleaning and more.

[Learn more at exair.co/05-iiian](http://exair.co/05-iiian)

## Super Air Nozzle Reduces Noise Levels and Air Consumption

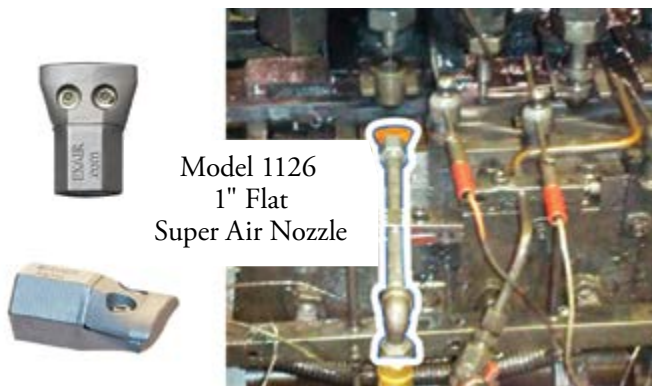
**BEFORE EXAIR:** 1/4" open end copper tubes were being used to blow out trim rings from the final stage of a progressive stamping die. Trim rings are the excess pieces of material after the sheet metal part has been formed.



At 80 psi they were consuming 33 SCFM of compressed air and were operating at an ear piercing 94 dBA.

**AFTER EXAIR:** Replacing the open copper pipe with an engineered **Model 1126 1" Flat Super Air Nozzle**, air consumption was reduced down to 10.5 SCFM and noise was reduced to 75 dBA.

OSHA Standard 1910.95(a) specifies no more than one hour of exposure to levels over 105 dBA. The reduction to 75 dBA is below OSHA's 90 dBA limit for eight-hour exposure.



**SUMMARY:** The installation of an EXAIR engineered nozzle made this operation compliant with the OSHA directives for sound and dead-end pressure. A compressed air savings of 22.5 SCFM was achieved. Based on a one shift operation 250 days per year this amounted to 2,640,000 cubic feet of compressed air savings. (22 SCFM x 60min/hr x 8 hrs/shift x 250 days/year)

At a cost of \$0.25 to generate 1000 cubic feet the annual savings was \$660 (\$2.64 per day) by installing a \$39 nozzle. Simple ROI was realized in less than 15 days!



**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.

### Universal Blow Off Station

A custom machine builder was charged with building a "one size fits all" blow off manifold. His customer is doing thermal printing and different areas on the sheet need cooling. They needed to get the thermal printed area down to a temperature close to the rest of the sheet. Installing **Model 1009 Adjustable Air Nozzles** on a manifold, they were able to build a universal cooling station. With the adjustability of these nozzles, they could be turned on and off to fit the needs for a particular printing job.

**GO TO** [exair.co/05-san](http://exair.co/05-san)

### Removing Sand from Post Hole

Customer is installing a fence for the US Department of Homeland Security. They couldn't use a posthole digger because they are in sand and the hole collapses, so they hammer drill the post in. After, they needed to remove sand from the interior of the pipe so they can fill it with concrete. The **Model 150200 2" (51mm) Heavy Duty Line Vac** was installed to remove sand and rocks. Being made of hardened alloy steel, it held up to the abrasion of the sand and rock.

**GO TO** [exair.co/05-hdlv](http://exair.co/05-hdlv)

### Super Air Knives Keep Packaged Meats Tender and Juicy

A customer vacuum packs foods for restaurants, hotels, airlines, cruise lines and the military. They wanted a more efficient way to remove excess moisture from meat before packaging. While their proprietary technique enhanced the meat keeping it moist and juicy, the excess surface moisture hindered the quality and taste. They installed two **Model 110248SS-316 48" (1219mm) 316SS Super Air Knife Kits** above and below a section of chain conveyor which quickly dried the excess moisture before the meat was packaged, ensuring the highest quality while speeding up their process.

**GO TO** [exair.co/05-sak](http://exair.co/05-sak)

## EXAIR LINE VAC™ PROMOTION

**Convey parts, materials, waste - with no moving parts!**

EXAIR's compressed air operated Line Vacs are a powerful in-line conveyor. The compact design features large throat diameters for a maximum throughput capability!

Order by **October 31, 2022** and receive a FREE

**Model 1122 Flat Super Air Nozzle**

**CALL (800) 903-9247**

[exair.co/05\\_lvpromo\\_ad](http://exair.co/05_lvpromo_ad)

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