

## Ready for Competition?



We all enjoy a little competition, especially when your team is a winner. With EXAIR, you can enjoy the win of cost savings and compressed air savings every day in your plant. EXAIR's Intelligent Compressed Air products always blow away the competition.

The drilled pipe is very inexpensive and easy to make but it performs poorly, with high energy use and excessive noise levels. Using products like **EXAIR's Super Air Nozzles** can cut operating costs since they use only a fraction of the compressed air of typical blowoffs. Super Air Nozzles produce hard-hitting force but reduce the noise levels to OSHA-safe levels. They also eliminate harmful dead-end pressures.

*Learn more about these award-winning nozzles at [https://exair.co/05\\_san](https://exair.co/05_san).*



Refrigerant panel air conditioners are commonly used to cool, but the drawbacks to using them include long installation time, short compressor life expectancy, floor drain requirement and a very high cost for replacing a failed compressor. **EXAIR's Cabinet Cooler® Systems** solve those problems. They are a low-cost way to dependably cool and purge your electrical enclosure. These NEMA 12, 4 and 4X coolers convert an ordinary supply of compressed air into clean, cold 20°F air. They mount in minutes through an ordinary electrical knockout and have no moving parts to wear out.

*Learn more about long-lasting Cabinet Coolers at [https://exair.co/05\\_cc](https://exair.co/05_cc).*



The blower air knife is an expensive, noisy option. It requires significant mounting space. Costly bearing and filter maintenance and downtime are a constant issue with blowers. **EXAIR's Super Air Knife** does an excellent job of removing moisture on one pass due to the laminar airflow. It is an excellent way to reduce your air consumption, noise level and energy use, with the ability to turn on and off as needed. The Super Air Knife cannot be dead-ended and maintenance costs are very low with no moving parts to wear out.

*Learn more about the large selection of Super Air Knives available at [https://exair.co/05\\_sak](https://exair.co/05_sak).*



Stop throwing your money away on electric vacuum cleaners that are sure to fail. Electrically operated "all purpose" vacuums aren't designed for use in industrial environments. Motors wear out quickly and impellers clog. EXAIR offers a large variety of **Industrial Vacuums**, including the **Reversible Drum Vac**, **High Lift Reversible Drum Vac**, **Chip Trapper**, **High Lift Chip Trapper**, **Chip Vac**, **Heavy Duty HEPA Vac** and **Heavy Duty Dry Vac**, that will solve your industrial vacuuming problem and last through it all. They are backed by our Built to Last 5 year warranty. The Reversible Drum Vac pumps 55 gallons in 90 seconds and has a two-way pumping action so you can transfer to filtration tanks easily. The Chip Vac vacuums chips directly into an open-top drum with no moving parts.

*Learn more about all of the Vacuum Systems available at EXAIR at [https://exair.co/05\\_ihp](https://exair.co/05_ihp).*



Yes, the winner in this competition is **YOU!** You can get the job done quicker, save money, save compressed air, reduce the noise levels in your plant, keep your electronics running no matter the temperature and make your plant a safer place to work. Bring the gold home to your company by using EXAIR's award-winning Intelligent Compressed Air products. And, for a limited time, you can receive a free Vac-u-Gun with the purchase of one of our Industrial Vacuums.

*Learn more at [https://exair.co/05\\_vacpromo](https://exair.co/05_vacpromo).*

# Soft Grip Safety Air Guns help reach OSHA compliance and reduce compressed air use!

A large manufacturing plant conducted a survey and found they were not in compliance with OSHA's allowable noise exposure Standard 29 CFR 1910.95(a) and wanted to replace their existing air guns with something not only quieter, but something that also used less compressed air.

The majority of the air guns used in this facility were fitted with cross-drilled nozzles. These provide high force, and the cross-drilled hole affords compliance with OSHA's dead-end pressure Standard 29 CFR 1910.242(b), but are still very loud and consume a high amount of compressed air.



**OLD Air Gun with cross-drilled nozzle.**  
Sound level: 104 dBA @3 feet. **Compressed air consumption: 49 SCFM @80 PSIG.**

Initially, (8) Model 1250-12 Soft Grip Safety Air Guns with 3/8 NPT Super Air Nozzles & 12" Rigid Extensions were purchased to determine suitability. The operators were pleased with the results and purchased another (347) 1250-12's to outfit the rest of the facility's blow off and cleaning stations.

**NEW EXAIR Model 1250-12 Soft Grip Safety Air Gun.**  
Sound level: 82 dBA @3 feet. **Compressed air consumption 35 SCFM @80 PSIG.**



Following the success of the EXAIR Model 1250-12 Safety Air Guns in this area, they decided to standardize on this model throughout the plant. In total, (355) of the previous air guns were replaced. Based on average individual daily usage of these products, their operating costs were reduced as follows:

$$\frac{63.67 \text{ min}}{\text{day}} \times \frac{\$0.25}{1,000 \text{ SCF}} \times \frac{49 \text{ SCF}}{\text{min}} = \$0.78/\text{day}$$

$$\frac{63.67 \text{ min}}{\text{day}} \times \frac{\$0.25}{1,000 \text{ SCF}} \times \frac{35 \text{ SCF}}{\text{min}} = \$0.56/\text{day}$$

$$\$0.78/\text{day (previous)} - \$0.56/\text{day (current)} =$$

**\$0.22/day saved, per air gun**

$$\$0.22/\text{day} \times 355 \text{ air guns} \times 365 \text{ days} =$$

**\$28,506.50 SAVED PER YEAR**



**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.

**EXAIR.com®**

MANUFACTURING INTELLIGENT COMPRESSED AIR® PRODUCTS SINCE 1983

11510 Goldcoast Drive • Cincinnati, OH 45249-1621  
Phone (513) 671-3322 FAX (513) 671-3363  
E-mail: techhelp@exair.com • www.exair.com



## 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.



### Be OSHA Compliant AND Save Compressed Air!

A manufacturer packages products in paper cartons. Part of the process involves rinsing and drying. But OSHA visited them and indicated that the existing blow-off nozzles were not compliant to their dead-end pressure directive. The customer came to EXAIR for a solution that is OSHA compliant. The use of (2) **Model 1100 Super Air Nozzles** and (2) **Model 110003 3" (76mm) Super Air Knives** allows the customer to become compliant with OSHA regulations. The upshot is that they are now able to save compressed air and reduce their noise levels as well.



### Cleaning Up Simply and Quickly

This plant had been using electrically powered shop vacs to vacuum up clumps of granular absorbent material that had been put down on oil spills. But the material regularly clogged up the vacuums, burning them out. Using a **Model 6193 Chip Vac System**, which is not adversely affected by the product passing through, performance issues went away and the unit continues to operate flawlessly.



### Line Vac Automates a Manual Operation,

A fastener manufacturer is using EXAIR's air operated conveyor **Model 6984 2" (51mm) Line Vac Kit** to move parts into a hopper that feeds a threading machine. They eliminated a manual operation and created a safer work environment free of back strain.

## EXAIR INDUSTRIAL CORPORATION HOUSEKEEPING PROMOTION SYSTEMS



Reliable vacuums for chip removal, liquid transfer and cleaning. EXAIR compressed air powered Reversible

Drum Vac, High Lift Reversible Drum Vac, Chip Trapper, High Lift Chip Trapper, Chip Vac, Heavy Duty HEPA Vac, and Heavy Duty Dry Vac vacuums are specially designed to suit your industrial vacuum needs.

**CALL (800) 903-9247**



To learn more go to:  
[https://exair.co/05\\_ihp](https://exair.co/05_ihp)



EXAIR is always looking for a way to connect with you. Check us out on Instagram...

Feel free to follow us and share your pictures with us. We'd love to see how EXAIR products have helped you solve a problem in your plant.



[www.instagram.com/exair\\_corporation/](https://www.instagram.com/exair_corporation/)