

"Go Green" by upgrading your blowoff, cooling and drying operation to EXAIR's Safety Air Guns using award winning Super Air Nozzles!



EXAIR's Safety Air Guns use engineered air nozzles for high performance. Inexpensive air guns are sold through many catalogs and industrial supply companies, but, beware, most have triggers or other parts that break quickly. Their performance is similar to an open pipe, where they simply blow a lot of compressed air and waste a lot of money. Many have noise levels that violate OSHA requirements.

EXAIR's CE compliant Safety Air Guns eliminate these problems. They are durable and comfortable to use. Each model uses an engineered Air Nozzle that provides superior performance by entraining large volumes of surrounding air. Safe operation is assured along with low air consumption and noise levels. Check out EXAIR's Precision Safety Air Gun, Soft Grip Safety Air Gun, and Heavy Duty Safety Air Gun. The Precision Safety Air Gun is extremely lightweight and has a focused blast of air that provides excellent cleaning capability with a force up to 8.1 ounces. The Soft Grip Safety Air Gun is ideal for hours of continuous use without fatigue. Force goes up to 3.3 pounds for the Soft Grip and Heavy Duty models. The Heavy Duty Safety Air Gun is a powerful air gun that is ideal for use in rugged industrial environments.

EXAIR's Safety Air Guns can be customized with Chip Shields to protect operators from flying debris. Extension Pipes and Stay Set Hose are also available. EXAIR has a special offer for you during October. Order any Precision Safety Air Gun, Soft Grip Safety Air Gun or Heavy Duty Safety Air Gun and we will include a free Chip Shield. Order today at www.exair.com/05/sagpromo.htm.

Air Nozzle and Safety Air Gun Video



Watch our video and see just how much EXAIR's engineered Air Nozzles help reduce noise levels and air costs. Safety Air Guns use these Air Nozzles to provide superior performance, reduce air consumption and reduce noise levels. Check it out at: www.exair.com/05/WatchAirNozzles.htm.

Updated Blowoff Guide Now Available – With a Free Air Nozzle

EXAIR has an updated Air Nozzle Blowoff Guide available for all of our readers. This guide lists all of the engineered Air Nozzles available, along with their dimensions, airflow patterns, force and sound level. EXAIR's CE compliant Air Nozzles reduce excessive air consumption and noise levels on compressed air blowoff operations. They use the coanda effect to amplify compressed airflow 25 times or more, resulting in a high volume, high velocity blast of air at minimal consumption.

EXAIR has an Air Nozzle to fit your operation, from the Atto Super Air Nozzle which delivers the smallest, most precise blowoff, with 2.0 ounces of force to the Large Model 1120 and 1121 Super Air Nozzles, which deliver 23 pounds of blowing force – almost 28 times that of the standard Super Air Nozzle. The Blowoff Guide will help you select the specific Air Nozzle perfect for your operation. You can also get help from one of our experienced Application Engineers by calling 1-800-903-9247 or emailing them at techhelp@exair.com.

Now, for a limited time, EXAIR is offering a free **Model 1100 Super Air Nozzle** for each person who requests one of our complimentary Blowoff Guides. You can try out one of our award-winning Super Air Nozzles for yourself and see how effectively it reduces noise levels and air costs. Request your free nozzle and Blowoff Guide at www.exair.com/05/catem.htm. (\$33 value – limit 1 per customer).

Do you have a blowoff application that you'd like to discuss? Contact an Application Engineer at 1-800-903-9247 or by e-mail at techhelp@exair.com. They'll be glad to help!



Application Spotlight: Super Ion Air Knife

Application Goal:

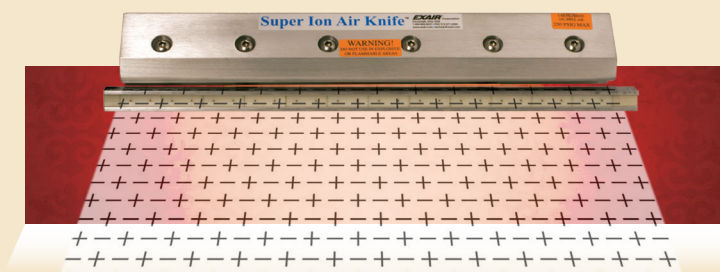
To improve reliability of inline vision inspection system by incorporating an automated ionized air blow off system.

Before EXAIR:



An eyeglass lens manufacturer receives raw product that is to be processed into their finished product. These incoming parts are placed by hand onto a conveyor, where they are passed through an automated vision inspection system. The presence of any dust and/or flash on these pieces results in a failure-to-read by the automated system. They had no positive means of dust removal in place, and their failure-to-read rate was approximately 20%.

After discussing the application, we recommended that they install an automated ionized air blow off, to be activated when the operator passes the parts through. EXAIR supplied (2) 3" (76mm) **Super Ion Air Knives** with an **EFC Electronic Flow Control**.



After EXAIR:

The dual Super Ion Air Knife System removes most of the dust and flash from the incoming parts, and has decreased their failure-to-read rate to less than 5%. The EFC (shown below) conserves a great amount of compressed air, as their need is for a series of short bursts, triggered by the presence of product (as sensed by the EFC's photoelectric sensor), versus a continuous flow. Based on these results, (3) additional Super Ion Air Knife and EFC Systems were purchased and installed on their other receiving lines.





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

For decades, EXAIR's products have solved many common industrial problems. Call our Application Engineering Department at (800) 903-9247 or email them at techhelp@exair.com for help with yours.



This wheel manufacturer machines automobile wheels on large CNC machinery. They were using open ended pipes and inexpensive nozzles, but these did not fully remove chips and debris from the wheels between machining operations. Not only did this lead to damage of the wheels' surface finish, but it was also a housekeeping issue. Using a **Model 1111-12 Super Air Nozzle Cluster**, they were able to remove all the chips, keep the nozzle at an acceptable distance, and cover the entire wheel. As an added benefit, this greatly reduced their compressed air consumption, and significantly lowered the noise level in the facility.



A customer refurbishes and rebuilds military vehicles. They do this "assembly line" style. The work areas must be cleaned before the vehicles can proceed to the next station, and they wanted to speed up the cleaning process. The debris mainly consists of metal parts and 1/2"-3/4" steel bolts. Instead of sweeping or blowing the debris around, they now use a **Model 6397 55 Gallon Premium Heavy Duty Dry Vac**. This gives the operators enough vacuum power, and a variety of heavy duty tools, to quickly and easily clean their areas between vehicles.



BUY A Safety Air Gun
Get a FREE Chip Shield with Purchase!

For a limited time, EXAIR is offering a free Chip Shield when you purchase a Precision Safety Air Gun, Soft Grip Safety Air Gun or Heavy Duty Safety Air Gun. EXAIR's Safety Air Guns use award-winning Super Air Nozzles. These nozzles provide superior performance, reduce air consumption and reduce noise levels.

Order a Safety Air Gun by October 31, 2013, and you will receive a free Chip Shield for your Safety Air Gun.



To learn more go to:

www.exair.com/05/sagpromo.htm