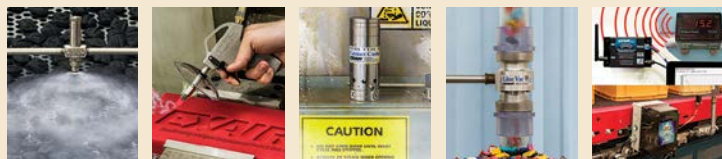




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We have Great Products! EXAIR has a large selection of products to solve your problems. You can find products to blowoff, cool, clean, convey and coat! Our engineered products help you to save money, save compressed air, reduce noise levels and keep your employees safe! And, if you need something in a different size, with a custom feature or different material, we can help you with that, too! We manufacture in Cincinnati, Ohio and can control the process to make customized products. Check them out at <https://goo.gl/zhyCS5>.

Do you need help right now? We can do that! Feel free to click on the Chat Now link to speak with an Application Engineer. You can call EXAIR at 1-800-903-9247 or email an engineer at techhelp@exair.com. You can get free expert technical help with your application from someone with years of experience who understands the product and your application.



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Application Spotlight:

Air Nozzles Lower Noise Levels and Reduce Air Consumption



Application Goal:

This customer was looking for a replacement to the rubber tips on his hand held blow guns. The rubber tips they were using were deemed as non OSHA compliant for dead end pressure. The air compressor would also short cycle due to the high demand. The goal was to meet the OSHA standard as well as save compressed air.

The Problem:

After examining the applications, two different engineered Super Air Nozzles were selected to replace the rubber tip nozzles. The rubber tips were more air than needed for the job of blowing off debris. The **Pico** and **Nano Super Air Nozzles** replaced the rubber tips. Eight operators use the **Pico Super Air Nozzle, 1109SS-NPT**, while the other six operators use the **Nano Super Air Nozzle, 1110SS-NPT**. Five of those operators use them for 30 minutes per shift while the others use it for 1 hour per shift.

The Solution:

After replacing the rubber tips with the engineered Pico and Nano Super Air Nozzles the blow guns were able to comply with the OSHA standard 1910.242(b) for dead end pressure. The nozzles also lowered the ambient noise level by up to 15.2 decibels. This helped to bring the environment into compliance of the OSHA allowable noise exposure. To top off the application, the customer was able to **save 3,319.2 SCFM** per day of operation. This reduced compressor use during production, which will also minimize compressor wear.



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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 for assistance with yours.



For this process, safety glass is manufactured by laminating polyvinyl butyral (PVB.) After a manual cleaning process, some lint always remained on the PVB and the glass. It then became fused into the finish inside the laminating oven, which would ruin the quality of the glass on a compound curved automotive glass product. To solve this problem, a **Model 8293 Gen4 Ion Air Gun with Power Supply** was installed to blow off the glass after the manual cleaning process. This completely eliminated the lint problem, ensuring high quality, defect-free windshields. The quiet, efficient, concentrated flow of ionized air from the Ion Air Gun removes static and dust.



A dyeing machine builder was using gas-powered sump suckers to change fluids throughout their facility. Those sump suckers spewed fumes throughout the plant, creating environmental issues. LP fuel tanks constantly needed changed, and often at the most inconvenient times. Batteries would run low, requiring a jump-start or replacement. The builder purchased an air powered EXAIR **Model 6196 Reversible Drum Vac** to compare performance. The results were impressive. The Reversible Drum Vac was faster, quieter, smaller, safer and with no smelly exhaust. There was also a cost advantage. The cost of the Drum Vac was less than they spent on general maintenance and fuel for the gas-powered sump suckers. Payback was within a few months and will continue to provide savings in the future as the Drum Vac has no moving parts and will operate indefinitely.

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