

Founder's Day

Every year on February 22nd, EXAIR celebrates Founder's Day to commemorate the birthday of our founder, Roy Sweeney. Roy led EXAIR for 33 years and both he and his wife, Jackie, were extremely passionate about doing what they could to give back, help others, and instill those values in the EXAIR company. We honor Roy's legacy by continuing to give back to the community and maintaining the values and vision he had for EXAIR. This will be our 5th Founders day, and this year the company has furthered its commitment to giving back by contributing to 21 local charities. To learn more about the charities EXAIR contributed to and what Founder's Day means at EXAIR, read our blog post here.

Visit <https://exair.co/em-foundersday>.

NEW

NEW VariBlast Precision Safety Air Gun

EXAIR's new VariBlast® Precision Safety Air Gun provides a focused blast of air capable of handling tough jobs with remarkable strength. This CE compliant lightweight air gun employs an engineered variable flow trigger able to produce variable force upon a target simply by pulling the trigger. This new air gun is available with a standard, 12" or 20" extension which can also be outfitted with an impact resistant polycarbonate Chip Shield. The air gun body is made of high impact polyacetal, and comes with a comfortable four finger trigger and convenient hanger loop for storage. Compatible with EXAIR 1/8 NPT Super Air Nozzles, the VariBlast Precision Safety Air Gun is your solution to blowoff in small or hard to reach places.

Visit <https://exair.co/05-vpsag>

NEW

EasySwitch Wet-Dry Vac: Transition from a Dry Material Vacuum to Liquids with Ease

EXAIR's EasySwitch Wet-Dry Vacuum is the latest addition to our Industrial Housekeeping product line offering an all-encompassing vacuum able to switch between a dry material cleanup and liquids, with ease. Designed to handle the toughest of cleanup jobs, this pneumatic vacuum uses no electricity, and operates quieter to add an extra layer of personnel safety associated with electricity around liquids or hearing damage.

The EasySwitch utilizes a standard or HEPA filter when vacuuming dry material, and makes switching to a liquid as simple as lifting one latch and removing the filter element. Using only compressed air, the EasySwitch creates a powerful vacuum capable of handling any job - wet, dry, light or abrasive. Because the vacuum generator has no moving parts, it assures long lasting use and avoids problems such as failed parts or motor failure.

This compressed air-driven vacuum operates at a quiet 79 decibels with no need for additional noise muffling accessories. In addition, the vacuum generally uses less compressed air to produce better or similar performance than its pneumatic competition. Providing a highly effective and adaptable cleanup, the EasySwitch is your maintenance free solution for cleanup around your facility.

Visit <https://exair.co/05-esv>

2" Flat Super Air Nozzle Blows Away Conveyor and Noise Complications

A stamping facility wanted to reduce the noise level in their facility, in order to comply with OSHA standards for noise exposure. The application is to move a 12" X 12" stamped piece of .187" thick plate of aluminum across a 6" conveyor to be flush against a wall for the next process.



After the blank is stamped, they used (4) open tubes with an outer diameter of 5/16" to move the plate across a conveyor. The noise level near the open tubes was over 110 dBA, which violated OSHA Standard 29 CFR-1910.95(a) for even 30 minutes of exposure. The open pipe also violated OSHA regulation 1910.242 (b), which requires that any opening that can be dead ended cannot exceed a static pressure of 30 PSIG. Also, the open pipes use a tremendous amount of compressed air. In order to move the stamped parts, the compressor system in facility was increased to 100 PSIG because due to some pressure loss through the piping system of the facility, the tubes received 70 PSIG at the inlet. 5/16" Aluminum piping had an ID of .183" and was 18" long. That tube supplied with 70 PSIG flows 22.8 SCFM. The customer was using (4) of these tubes for a total air usage of 91.2 SCFM.



With EXAIR's **HP1125 2" High Power Flat Super Air Nozzle**, the customer was able to accomplish the same task with (2) Flat Super Air Nozzles as the (4) open pipes. The HP1125 features a 2" flat airflow that was able to float and move the plate much easier than the round erratic pattern of the open pipe. The noise level in that area dropped from over 110 dBA to 83 dBA, which is below OSHA maximum allowable exposure for an 8 hour day. The HP1125 flows up to 37 SCFM at 80 PSIG, so the EXAIR solution only consumed 74 SCFM. A reduction of 17.3 cubic feet per min. **At a cost of \$0.25 per 1,000 cubic feet, the (2) HP1125's saved \$0.26 per hour or \$1,557 per year** (when the nozzles are run 8 hours a day for 250 working 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**.

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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 for assistance with yours.



Eliminating Static Charges On Medical Blankets

A manufacturer of medical blankets and associated accessories has a static problem. The blankets are made of three layers of material and are heat sealed together. The heat seal forms small channels through which hot air or hot water can circulate to keep the patient warm. The problem is one of static that causes discharge to the operator that are uncomfortable. Secondly, the static charge on the "sealing bed" can be such that the pinch rollers that pull the material through the sealing bed do not have enough power to overcome the static attraction of the material to the bed, thus causing slipping of the rollers on the material which can mark and rip the material. Customer has installed **Model 111048 48" (1219mm) Super Ion Air Knives** to eliminate the static and associated problems. **GO TO** <https://exair.co/05-siak>



Reversible Drum Vac Replaces Mechanical and Electrical Pumps for Liquid Dispensing

This customer replaced mechanical and electrical drum pumps with a **Model 6196 Reversible Drum Vac**. These had been used to dispense liquids from 55 gallon drums which were stood vertically. The volume of liquid needed varied from less than a gallon to more than five gallons. With the adjustable air pressure and valve on the Reversible Drum Vac, it easily meets any need. They are pleased with the maintenance-free operation of the RDV, since they no longer have to prime the electrical pumps, and no longer have to worry about the seals in the mechanical pumps failing. The Reversible Drum Vac works flawlessly with the compressed air supply and attaches to every drum easily. **GO TO** <https://exair.co/05-rdv>



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, Heavy Duty Dry Vac, and NEW EasySwitch Wet-Dry vacuums are specially designed to suit your industrial vacuum needs.

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Order by **April 30, 2021** and receive a **FREE Model 6492 Vac-u-Gun™**

To learn more go to:

https://exair.co/05_vacpromo



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