



# EXAIR®-MAIL

Manufacturing Intelligent Compressed Air Products for Industry Since 1983

Number 131

NEWS YOU CAN USE FROM EXAIR CORPORATION

Spring 2022

## Founder's Day

February 22nd is a special day on the EXAIR calendar as we celebrate Founder's Day in remembrance of the birthday of our late founder, Roy Sweeney. Roy led EXAIR for 33 years with his wife Jackie by his side and both were extremely passionate about giving back to their community, helping others, and instilling those values at EXAIR. Roy's commitment to making the world a better place still resonates with all who had the pleasure of knowing him, as he left behind a legacy of charity and servitude. So, every year EXAIR honors Roy's legacy by following in his footsteps, and continuing to give back. This will be our 6th Founders Day, and EXAIR has made substantial donations to 10 charities that are doing wonderful things in our community. Upholding Roy's values not only helps us to commemorate his legacy, but also to take a page out of his book by striving to help those less fortunate in any way we can afford. To learn more about the charities EXAIR contributed to this year, their causes, and more on what Founder's Day means to EXAIR... read a blog written by our owner here.

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

## EasySwitch Wet-Dry Vac – Transition from a dry material vacuum to liquids with ease

EXAIR's EasySwitch Wet-Dry Vacuum is a Do-it-all vacuum solution able to switch between a dry material cleanup and a wet cleanup, 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 and 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 heavy. Because the vacuum generator has no moving parts, it assures long lasting use and avoids problems such as failed parts or motor failure. This 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.

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



## Intellistat Ion Air Gun

There are manufacturing processes that require certain cleanliness standards for operation like scientific research, solar panel manufacturing, or biotechnology for example. This means that any tool or material you use in this process has to meet a certain standard. EXAIR's Intellistat Ion Air Gun was engineered to do just that.

The Intellistat Ion Air Gun is a patented handheld air gun for static elimination in sterile environments and clean rooms. This lightweight tool provides rapid static decay with a simple squeeze of the short-throw trigger reducing 5,000 volts to 500 in under a second. And to

further the Intellistat's utility, it has now been awarded the ISO 14644-1 Class 5 rating for clean rooms and controlled environments making it the perfect tool for electronics manufacturing, testing facilities and laboratories.

The Intellistat is the ideal solution for static elimination in your sensitive processes. Learn more about the

Intellistat as well as the rest of EXAIR's large line of static elimination products by following the link.

<https://exair.co/05-iiag>



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MANUFACTURING INTELLIGENT COMPRESSED AIR® PRODUCTS SINCE 1983

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## Super Air Nozzles Reduce Air Consumption and Noise Levels



A producer of custom products needs to reduce compressed air consumption and noise levels associated with the use of coolant hose and copper tubing in a rollform blow off application.

**BEFORE EXAIR:** The manufacturer uses compressed air to blow coolant and debris from lengths of product. Their blow off system (above) consisted of two modular plastic flexible hoses (designed for machine tool coolant but often misapplied for use with compressed air) and two 1/4" copper tubes. Flow and sound level measurement with calibrated instruments revealed this setup was using 190.0 SCFM @100 PSIG supply pressure, and generating a sound level of 107 dBA per line.



**AFTER EXAIR:** A Two Model 1100 Super Air Nozzles and two Model 1122 2" Flat Super Air Nozzles were purchased and installed (above) using Model 9043 Magnetic Bases and Model 9212 12" Stay Set Hoses. Coolant and debris were still effectively removed from the product. Compressed air consumption and noise levels dropped to 86.8 SCFM @100 PSIG, and 83.8 dBA, respectively.

OSHA Standard 1910.95(a) specifies no more than one hour of exposure to levels over 105 dBA. The reduction to 83.8 dBA is below OSHA's 90 dBA limit for eight-hour exposure.



**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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## 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.



### Applying a Pet Food Powder

A pet food company is using **Model 6067 4" (102mm) Stainless Steel Line Vacs** in a powder dispersion application. They have a product that they need to evenly coat with a powder and it was not being done to their satisfaction with the mechanical system they had. They are now dropping the powder into the Line Vacs which in turn get the powder airborne and into a mixing chamber composed of two 12" screws. They have achieved a more even coating over a larger area.

**GO TO** <https://exair.co/05-siak>



### Super Blast Safety Air Gun Quickly Cleans Lawn Gnome Molds

This customer manufactures decorative figurines for home and commercial landscapes. When they are removed from the mold, small particles of crushed stone remain in the mold and need to be removed before the next pour. Conventional blow guns were too slow and did not have enough power. They switched to a **Model 1213-4 Super Blast Safety Air Gun** and found that the 3.2 pounds of force delivered would blow even the most stubbornly stuck-on particles, resulting in a quickly cleaned mold, every time.

**GO TO** <https://exair.co/05-siaw>



### Blowing Liquid from a Shaft to Eliminate Contamination

An automotive manufacturer who makes a splined yoke shaft for the drive shaft assembly was leaving liquid on the shaft after the hobbing operation. This liquid was carried over to the grit blasting operation and was causing a problem. Originally the customer was using a simple air gun but they want to further automate the blow off operation. They have decided upon a **Super Air Knife** blowing on the shaft while it turns and a **Super Air Nozzle** to blow out the inside of the shaft.

**GO TO** <https://exair.co/05-siaw>

## INDUSTRIAL HOUSEKEEPING PROMOTION



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.



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

**CALL (800) 903-9247**



[https://exair.co/05\\_vacpromo](https://exair.co/05_vacpromo)