



## New Varistat Benchtop Ionizer

As the winter months roll in, temperatures begin to drop resulting in drier air in most manufacturing facilities. These conditions often create troublesome static that can negatively affect production through poor product quality, particulate clinging to objects, jamming, tearing or harmful shocks to employees. Luckily EXAIR has long been in the forefront of static eliminating solutions, and offers a wide variety of products to help customers tackle static in a myriad of processes. In an attempt to provide solutions for this wide array of unique processes, EXAIR continues to innovate and design tools to better assist the industry.

EXAIR has recently unveiled its latest static solution, the Varistat Benchtop Ionizer for hands-free ionization. The Varistat is unique to the EXAIR catalog being that it is the first fan-driven static solution. Without the use of compressed air, the Varistat provides a constant and widespread stream of particulate-free static eliminating air. Easily mounted on benchtops or machines, it's perfect for processes needing comprehensive coverage like part assembly, web cleaning, printing and more.

Options like selectable voltage, variable fan speeds, adjustable polarity and an adjustable stand for mounting, make it easy to tailor the Varistat to difficult processes. Once plugged in, the Varistat is capable of reducing 1000 volts to 100 in 0.8 seconds with incredible efficiency. It also comes equipped with two replaceable 30 PPI foam filters as well as high performance emitter points well suited for optimal performance over extended periods of time. The Varistat offers a built-in LED display to ensure proper function as well as important safety features like a shunting circuit, and all while meeting OSHA standards for sound level and noise exposure.

Please follow the link to learn more about the Varistat and shop the product here: <https://exair.co/05-vstat>.

## Intellistat Products

In facilities with stringent protocols such as cleanrooms or scientific testing, removing static, dust and debris requires tools that meet stringent standards. That's why EXAIR has engineered our line of Intellistat products, rated Class 5 for clean rooms or controlled environments per ISO 14644-1.

The **Intellistat® Ion Air Gun** is a handheld solution with a short-throw trigger for instant, on demand ionization. Lightweight and suitable for extended use, the Intellistat Ion Air Gun is perfect for precision part assembly, removing debris from medical products and much more!

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

The **Intellistat® Ion Air Nozzle** is a hands-free solution that is compact and easily mountable on workbenches or machine frames. This iteration is perfectly suited for removing static and debris from processes like part assembly, moving productions lines and more.

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

In addition, EXAIR offers a full line of Gen4 Static Eliminators sure to keep processes running smoothly. By delivering positive and negative ions fast, over large areas, onto critical surfaces, or into hard-to-reach spaces, Gen4 Static Eliminators not only keep processes running smoothly, they increase employee safety as well. To learn more about EXAIR's extensive line of static eliminating products, visit our site at <https://exair.co/05-se>.

**ORDER TODAY**  
**PROMO**

**EXAIR's static eliminator promotion is currently underway!**

Order any EXAIR Static Eliminator by **March 31st, 2024** and receive a free **Model 7929 AC Sensor!**

<https://exair.co/05sepromo>

## Super Air Nozzle Blasts Away Slip Hazard

**APPLICATION GOAL:** Control sawdust from re-saw operation to eliminate operators standing in piles of sawdust and reduce clean up time.

**BEFORE EXAIR:** The re-sawing operation scatters sawdust around the workstation and beyond because the saw blade throws much of the sawdust away from the installed vacuum cleanup. The picture below is an example of the buildup within the first hour of operation. It isn't long till the pile is knee deep, causing unstable footing for the operator. Towards the end of the shift, the saw has to be shut down to shovel up the accumulation and haul it away. At least an hour of production is lost per day.




**AFTER EXAIR:** Installing three **Model 1110SS Nano Super Air Nozzles** and one **Model 1126 1" Flat Super Air Nozzle**, the sawdust was directed away from the saw blade towards the vacuum cleanup. The pictures below show the improved conditions at the end of the shift with very little, if any, clean up.



**SUMMARY:** For a small investment the customer estimates they will save \$6,000 in labor per year.

The response from equipment operators has been overwhelmingly positive as they do not have to stand in sawdust all day. The work environment is also now a safer area since the sawdust has been successfully redirected into the vacuum system.



**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

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.



### Sign Maker Cleans House with Chip Vac

This customer bought a **Model 6293 Deluxe Chip Vac System** to turn an open top 55 gallon drum into a mobile vacuum for cleaning up chips & shavings from their machine tools. The drum dolly, magnetic tool holder, and durability all contributed to the successful use of the Chip Vac. They especially like the ability to quickly move the lid assembly to new drums as they become filled.

GO TO [exair.co/05-cv](http://exair.co/05-cv)



### Static Elimination in Food Packaging

The customer manufactures and packages sugar crystals into plastic jar containers. The problem is that sugar crystals attracted by static charge get stuck under the tamper-proof band. This leads to customer complaints that cost the company lots of money. Each incident can incur anywhere from a \$10,000 to \$30,000 fine. So, they want to work on quality control issues. A **Model 112209 9" (229mm) Super Ion Air Knife Kit**, **Model 112009 9" (229mm) Super Ion Air Knife**, **Model 8494 Ion Air Jet Kit**, and **Model 8194 Ion Air Jet** were used to blow down the outside of the jars for general blow off and the ion jets were used after capping to prevent sugar from being caught under the security band. By not having the complaints, the customer avoids paying the severe penalties, which adds to their overall profitability.

GO TO [exair.co/05-siak](http://exair.co/05-siak)



### Quantitative Flow Measurements

A company wanted to measure compressed air at two locations: compressor station and production process. Using 2" copper pipe and they needed to record the flow rates on their LAN network. I recommended a **Model 9095CUZG 2" Copper Pipe Digital Flowmeter** with wireless communication and gateway. Since one gateway can read multiple meters, the second flowmeter was a **Model 9095CUZ-DG 2" Copper Pipe Digital Flowmeter** with wireless communication.

GO TO [exair.co/05-dfm](http://exair.co/05-dfm)

**EXAIR PROMOTION**

When the temperature outside drops and humidity plummets, static electricity problems are sure to make bad things happen, EXAIR has the solution!

**FREE!**  
For A Limited Time!

CALL (800) 903-9247



Order by 03/31/24

To learn more go to:  
<https://exair.co/05sepromo>

GO

**EXAIR.com**

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