

ATEX Cabinet Coolers Now Available in Aluminum

EXAIR's line of Cabinet Cooler Systems is an industry-leading solution for protecting your sensitive electronic enclosures. When a facility houses substances or processes that are capable of creating explosive or volatile environments, they have stringent requirements on the tools that can be used in that space. Our ATEX Cabinet Cooler Systems are designed to meet those requirements and are now available in both stainless steel and aluminum.

ATEX Cabinet Cooler® Systems are purpose-built for use in explosive or volatile environments classified as ATEX Zones 2 and 22. These systems are UL tested, CE compliant, and designed to meet the strict requirements for purged electrical enclosures. With no moving parts to wear out, they're a rugged, low-maintenance solution you can count on. Choose from durable stainless steel or lightweight aluminum models, with cooling capacities ranging from 1,000 to 5,600 Btu/Hr—ideal for everything from compact relay panels to large motor control centers. Installation is easy to mount through a standard electrical knockout and provides instant cooling.

Whether it's scorching summer temps or year-round heat challenges, EXAIR's ATEX Cabinet Coolers provide fast,

reliable protection for your critical electronics, helping you avoid shutdowns, improve safety and maintain productivity.

Beat the heat this summer with ATEX Cabinet Coolers!

Learn more and shop our new line by visiting the link:

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

EXAIR Cabinet Coolers also come in numerous other sizes, NEMA ratings, and cooling capacities. For a great example of how EXAIR Cabinet Cooler Systems can help, download our White Paper "Cabinet Coolers End Costly Shutdowns" at <https://exair.co/ccecs05>. A manufacturer by the name of Lasercraft was able to end costly shutdowns by quickly installing Cabinet Coolers and protecting their sensitive electronics from the summer heat.

Visit our site to learn more or chat with one of our Application Engineers. And, for a limited time, we even have a special promotional offer for Cabinet Coolers.

Visit <https://exair.co/ccpromo05> to learn more.

NEW EasyCAS powered by Direktin



EasyCAS software
powered by Direktin

Compressed air systems are highly complex and require a substantial amount of planning, design and execution to create. Luckily, there is a new tool capable of not only simplifying the process of designing the perfect system, but also taking the guesswork out of understanding how different changes and decisions will affect your process. EXAIR is proud to partner with [EasyCAS powered by Direktin](#), an all-in-one tool to create and maintain your compressed air system.

EasyCAS is a comprehensive tool designed to empower engineers, facilities, and suppliers to design, size, simulate and validate the design and efficiency of a compressed air system with data-driven guidance. Not only can it help you create and maintain a compressed air system from scratch, but uses data

and monitoring to pinpoint areas of inefficiency and highlight solutions or products to address the problems. EasyCAS offers a great deal of other advantages as well, including:

- Simulating pressure drops
- Highlighting helpful components
- Prevent downtime by identifying problems
- Calculating air savings and carbon credits
- Validate the performance of your current system and much more!

Visit [direktin.com](https://www.direktin.com) to learn more, and for a limited time, you can use the code "EXAIR2025" to get 10% off a yearly subscription! EasyCAS could be the answer to revolutionizing your processes.

Click here to learn more.

<http://www.direktin.com?pub=exairmail>

Super Air Nozzles Improve Inspection Accuracy & Reliability

APPLICATION GOAL: Provide a more effective solution for cleaning fiber and dust on the production floor, to replace compressed air blowoff and shop-vac style vacuums that wear out easily.

BEFORE EXAIR: It was necessary for operators to use compressed air to blow fiber and dust off of and out from under operating equipment. They then needed to retrieve a shop-vac style vacuum, plug it in and vacuum up the fiber/dust blown off the equipment. This two-step process was time-consuming. In addition, these shop-vac style units often needed to be replaced due to the nature of the production environment and the wear and tear that they experienced. Twelve shop-vacs were replaced in the last 12 months alone.



AFTER EXAIR: Installing the **Model 6197-30 Heavy Duty Dry Vac™ System** on the production floor has drastically limited cleaning cycle time, and replaced the shop-vacs that were needing frequent replacements. The Heavy Duty Dry Vac has near-identical compressed air usage as the previous solution, providing improved efficiency and productivity without increasing operational costs. With no moving parts to wear out, the Heavy Duty Dry Vac will not need to be replaced. The operators are saving 3.5 hours per week due to the more efficient equipment and process.



SUMMARY: The EXAIR Heavy Duty Dry Vac has been a huge success in this facility. Replacement vacuums cost between \$110 and \$129, leading to a total replacement cost of \$1,358 over the last 12 months. With an estimated 3.5 hours saved per week at \$19.00 per hour, an additional potential saving of \$3,325 per year is realized. This gives an ROI of less than 5 months.

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.

Super Ion Air Knife Eliminates Static On Medical Parts Conveyor Line

This customer makes medical devices. As parts move down a conveyor on plastic trays, a static charge is generated, which causes debris to cling to the parts. This debris is unacceptable and must be removed. To solve this problem, they installed a **Model 112224 24" (610mm) Super Ion Air Knife Kit** that blows the trays off as they come down the belt, just before packaging. The laminar sheet of air ensures that the cavities in the tray get blown out, and the Pressure Regulator allows them to set the flow rate low enough so they are not lifted or stalled as they move down the line.

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Removing Residual Oil From Tube Stock

An automotive chassis manufacturer is having problems with residual oil on their tube stock. They want to remove the excess oil from the lengths of tubing after exiting the oil dip tank. The current method uses air nozzles fashioned from copper tubing and is unsatisfactory. They are considering a **Model 2402 2" (51mm) Super Air Wipe** to provide a more efficient and uniform blow off.

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Blow Molded Bottle Cooling

Customer designs and manufactures plastic bottle handling equipment. The bottles are made in a blow molding machine and transferred to their trimming system to have the flash removed and the neck area finished. The bottles are still warm from the molding process, so as they cool, they continue to shrink, causing the machined surfaces to be undersized for the next operation. They used **EXAIR Model 3240 Vortex Tubes** to blow cool air inside the neck finish. The cooling helped to maintain tolerances and eliminated jams.

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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.

EXAIR.com

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