



EXAIR's NEW Catalog 35

The demands of the average manufacturing process are constantly evolving, and staying up to date on the latest solutions for safety and efficiency is of paramount concern for any facility. It's for this reason that EXAIR is delighted to present the new Catalog 35; a full-color technical guide offering innovative solutions to common industrial conveying, cooling, cleaning, blowoff, drying, coating and static electricity problems. The expanded Catalog 35 houses new products, guides, research, certifications and many other helpful tools to assist customers in getting the most out of their manufacturing processes. The expanded Catalog 35 introduces the new 1/2 NPT HollowStream Cone Liquid Atomizing Spray Nozzle, ATEX Cabinet Coolers, Ultrasonic Leak Detector and more!

Catalog 35 provides detailed tables and descriptions on each product as well as highlight for some of EXAIR's newest additions. Products like the new and improved Ultrasonic Leak Detector offer improved performance in a sleek new body. New sizes of current solutions, like our 1/2 NPT HollowStream Cone Liquid Spray Nozzle, are now available and supplement an extensive line of spray nozzles. The new Catalog 35 also features ATEX Cabinet Coolers which were engineered to meet the stringent standards of explosive environments in Zones 2 and 22, and even offers a sneak-peek of some exciting new products soon to join the EXAIR offering.

In addition, Catalog 35 carries technical data, dimensions and drawings, as well as applications and advantages for every product to provide all the details needed to make an informed decision when shopping EXAIR products. We've also added pages detailing current standards and certifications EXAIR products carry to ensure customers are fully informed on the fit of our solutions in what can be stringent facility regulations.

Additionally, if unsure of how a product will work with a current process, EXAIR has a team of Application Engineers on call to personally walk through any problem and assist customers with a solution. They can be reached by phone, email, or online chat located at EXAIR.com.

EXAIR prides itself on helping customers avoid costly downtime by shipping same-day for orders placed by 2PM EST. We also offer next day shipping upon request.

Order the new Catalog 35 today and browse 240 pages of quality products assured to help customers solve their unique problems and improve process efficiency and safety.

Visit and get your FREE COPY today! <https://exair.co/05-cat35>



HollowStream Liquid Atomizing Spray Nozzle Wins OH&S New Product of the Year

EXAIR's line of Liquid Nozzles are relatively new to the catalog offering, but have already proven themselves top of the market for processes requiring efficient and comprehensive liquid coverage. Their utility has grabbed headlines as the 1/2 NPT HollowStream Cone Liquid Atomizing Spray Nozzle has earned *Occupational Health and Safety's* New Product of the Year Award for Industrial Hygiene's Dust Control Category! The HollowStream Liquid Nozzle creates a hollow cone pattern from a vaneless nozzle with wide open internal features to prevent clogging even when spraying liquids with light particulate. Operating at up to 250 PSI, the HollowStream is perfect for applications involving cooling, coating, rinsing, sanitizing, dust control and much more.

LEARN MORE
about the
HollowStream
Liquid
Atomizing
Nozzle here!
<https://exair.co/05-hls>



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 110SS 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.

EXAIR.com

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.



Vacuum Skimming - Customer reclaims used paper

The paper scrap is introduced into a chemical solution and made into a slurry called pulp. The pulp is passed through screens to remove bits of plastic and unwanted materials. The next process is called de-inking to remove printing ink and glue. A surfactant is mixed into the pulp to loosen the inks and glues from the pulp. Air is then bubbled up through the slurry to float them to the top. What this customer needed was a way to vacuum off the foam created on the surface. Using a **Model 120024 4" (102mm) Super Air Amplifier** connected to a vacuum hood, the floaters were pushed towards the hood and vacuumed away.

GO TO exair.co/05-sal



Super Air Wipe Prepares Pipe for Cleaning

A fabricator of metal tubes is manufacturing sprinkler pipe to be used for overhead sprinkler systems. The last step in fabricating the pipe is to place a UV cured lacquer finish on the outside of the pipe. Before coating the pipe with the lacquer, it is washed and rinsed, leaving it wet prior to the coating process. Any residual water will prevent the lacquer from properly adhering to the pipe. An **EXAIR Model 2453 3" (76mm) Super Air Wipe Kit** has provided the last stage blow off to remove any remaining water from the outside of the pipe which has prevented any faulty coating of the sprinkler pipe.

GO TO exair.co/05-saw



Recover Valuable Liquids

This company manufactures ultrasonic cleaning equipment. They have chosen the **EXAIR Model 2018SS 18" (457mm) Stainless Steel Standard Air Knife** to provide a blow off operation as the parts raise out of a cleaning tank. The EXAIR Air Knives remove the cleaning solution from the parts and blow it back into the tank to decrease any carryover and increase the time in between adding solution.

GO TO exair.co/05-sak

EXAIR **PROMO**
Receive a FREE
MODEL 1122
Flat Super Air Nozzle

Convey parts,
materials, waste -
with no moving
parts!

Offer good for U.S. and Canadian
customers only.

To learn more go to:
https://exair.co/05_lvpromo_ad