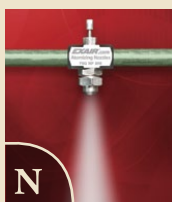


New Atomizing Nozzles to Coat, Cool, Treat and Paint



EXAIR's new atomizing spray nozzles are internal mix nozzles that atomize fluids in a variety of spray patterns for many different uses. They combine liquid and compressed air to create a mist of atomized liquid that can be easily adjusted to meet your needs.

With EXAIR's atomizing nozzles, you can coat, cool, treat and paint a host of products using compressed air and liquids with a viscosity of up to 300 centipoise. Used with water, atomizing nozzles are an efficient way to evenly cool hot items in your automated process.



Narrow angle round pattern nozzles are excellent for spraying a concentrated mist of liquid. Because of the versatility of their adjustments, they can apply a heavy coat up close or send a very fine mist over 30 feet away!



Wide angle round pattern nozzles are great for covering a broad area. They can be adjusted for a light mist or a heavy soaking spray.



Flat fan atomizing nozzles are designed with efficiency in mind. Especially good for vertical or horizontal assembly lines, their broad thin pattern makes efficient use of your expensive and previously messy liquids.

To improve their durability and corrosion resistance, every EXAIR atomizing nozzle is constructed of Type 303 stainless steel. EXAIR atomizing nozzles are available in a variety of sizes and shapes to meet your needs. All models are adjustable and come with our 5 Year Built to Last Warranty. Would you like some help with an Atomizing Nozzle application? Contact an Application Engineer at (800) 903-9247.

Interactive PDFs Available for iPad

Interactive PDF's for the iPad are now available in EXAIR's Knowledge Base. The PDF format simplifies document viewing, making them interactive and viewable on your iPad. Visit

+ <http://www.exair.com/iPadLibrary.htm>



CE Compliant Control Minimizes Compressed Air Use

EXAIR's digital ETC (Electronic Temperature Control) Cabinet Cooler® System keeps electrical enclosures cool while minimizing compressed air use. Independent laboratory tests now certify that the ETC™ is CE compliant to assure safe operation in a wide range of cooling applications, allowing it to work perfectly with our CE compliant Cabinet Cooler units.

The ETC accurately maintains a constant temperature in the electrical enclosure that is slightly under the maximum rating of the electronics. It permits just enough cooling for the electronics without going so cold as to waste compressed



air. A digital LED readout displays the temperature of the electrical enclosure (°F or °C), then displays the user temperature setting when pressing the "push to set" button. When that setting is exceeded, the Cabinet Cooler System is activated, which circulates 20°F air throughout the electrical enclosure to prevent a high temperature malfunction.

The ETC is suitable for NEMA 4, 4X and 12 environments. Systems include an automatic drain filter separator to keep moisture in the compressed air out of the electrical enclosure. Applications include cooling programmable controllers, CNC panels, computer cabinets, and variable speed drives. Contact an Application Engineer at (800) 903-9247 if you'd like to know more.

EXAIR's PEEK Super Air Nozzles are Golden Mousetrap Finalists!

EXAIR's PEEK Super Air Nozzles have been selected as a 2011 Design News Golden Mousetrap Best Product Finalist in the Automation and Control: Fluid Power Technologies division. Once again, EXAIR's nozzles are award-winning, delivering strong blowing force while providing non-marring protection should the nozzle come in contact with other surfaces. They have also been selected by Plant Engineering as a 2010 Product of the Year winner! Thank you to those who voted for EXAIR's PEEK nozzles and continue to put their trust in our products!



Application Spotlight:

Conveying Additive in Pellet Form



The Problem:

An asphalt production company needed to convey an additive in pellet form to an asphalt mixing vessel. The pellets enhance the performance of the asphalt. The customer was using a screw conveyor that left a lot of product in the hopper with more lost in the screw itself. Ideally, the customer wanted to completely convey each super sack of material that they put into the process.

The Solution:

The pellets weigh 28 lbs. / cu. ft. Therefore, they will convey well using air. They used a **Model 6087 4" Aluminum Line Vac™**. This unit was modified to produce higher vacuum levels to get better conveying rates with the large hose diameter. The customer is now able to fully convey the material directly into the wetting tank and they don't lose any product in the process. Their previous system lost up to 20% due to spillage, clogging, etc.

Editor's Comment:

The addition of the Line Vac was a very low cost solution to this problem. **The Line Vac provides instantaneous response and moves materials quickly.** In this case, it allowed the company to use all of their additive without losing any, saving them money, time and hassle.



THE EXAIR® GUARANTEE

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.** Of course, this is in addition to our "Built to Last" Warranty.

Do You Have A Friend Or Colleague...



...that would be interested in EXAIR products? so, please pass along the enclosed, **small postage-paid card.** We'll be glad to send a **FREE copy** of our 164 page Catalog 24. If you would like one, just drop the big card in the mail (nothing to fill out)! **+**

FREE



New Application Checklist

For decades, EXAIR's products have solved many common industrial problems. Please call our Application Engineering Department at (800) 903-9247 for help with yours.



A beverage company uses two **Model 110012SS 12" Stainless Steel Super Air Knives** mounted vertically on each side of a conveyor with the airflow at a 45° angle to dry the entire outer surface of bottles, allowing the labels to adhere properly to the bottles without disrupting the process, and creating fewer rejects.

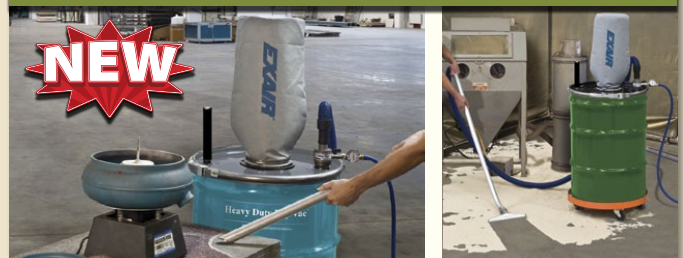


A building materials manufacturer uses a **Model 3725 Adjustable Spot Cooler™** to cool their saw blades. The volume of flow plus the temperature of the air allows them to continue the cutting application without any further heat damage or warping of the cutting blades.



A ship builder uses four **Model 4815SS-240 Cabinet Cooler® Systems** to cool the control cabinets located in the stern of each ship, preventing the loss of their ability to maintain their position should the controls go out.

Vacuum More Material In Less Time



- » **Moves more material in less time**
- » **Hardened construction resists wear**
- » **No moving parts - maintenance free**
- » **No motors to clog or wear out - uses no electricity**
- » **A quiet and dust free operation**

Designed for tough industrial environments, the Heavy Duty Dry Vac can attach to an ordinary 55 or 110 gallon open-top drum to turn it into a powerful, industrial duty vacuum cleaner.

The Heavy Duty Dry Vac has been engineered to vacuum more dry materials in less time with less wear.

Call now (800) 903-9247



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www.exair.com/05/4170.htm