

New FullStream Cone Liquid Atomizing Nozzles Available!

EXAIR is always adding to our selection of useful and innovative products. We just introduced a brand new line of Liquid Atomizing Nozzles that do not require compressed air. The FullStream Liquid Atomizing Nozzles are available in 1/4 NPT and 3/8 NPT (and will soon be available in 1/2 NPT as well). Adjustment of the liquid flow rate is done by varying liquid pressure.

FullStream Cone Nozzles, with a full cone spray pattern, are among the most popular type of spray nozzles. Full cone spray nozzles are applied to solve cooling, cleaning, washing, rinsing and dust suppression applications throughout industry. Their design is vaneless, which creates wide open internal features to resist clogging and can work well with liquids containing particulate. They produce a uniform distribution in a full cone round pattern. Their right-angle design is compact and operates up to 250 PSIG liquid pressure. They are commonly used with liquids like water, rinse aids or detergents but are also effective with chemicals, pesticides and herbicides.

These Liquid Atomizing Nozzles are a fine complement to our Air Atomizing Nozzles, which use compressed air to atomize the liquid, are available in Internal Mix, External Mix and Siphon Fed styles, as well as our No Drip Air Atomizing Nozzles. Learn more about the NEW Liquid Nozzles at https://exair.co/05_in and our Air Atomizing Nozzles at https://exair.co/05_lan.

Testimonials

"Small part, but solved a big problem. We will not be shy about contacting you again!"

— Luke
(Material Processing & Handling Equipment Manufacturer)

"Nice, knowledgeable, and quick with his responses. I received great service and would recommend EXAIR to anyone who needed some quality air products."

— Patrick
(Spring Manufacturer)

"Thank you for your attention, the truth is, in the end, I found all the information I needed on your website. I was able to move forward with the design and also buy the material... Two #110018 18" Air Knives."

— Javier
(Mechanical Design Department)

Another New Flowmeter Available: Pressure Sensing Digital Flowmeter!

EXAIR has added to our large selection of Digital Flowmeters. The Pressure Sensing Digital Flowmeter, with data logging capability available, is the easy way to monitor pressure inside your pipe and compressed air consumption in SCFM or m3/hr! The digital display shows the exact amount of pressure in your pipe, as well as the compressed air being used, making it easy to identify costly leaks or inefficient air products.

No cutting, welding, adjustments or calibration are ever required. It is designed for permanent or temporary mounting to a compressed air pipe. If the unit needs to be removed, blocking rings are available. Available for measuring pressure and air flow in 2" thru 8" Schedule 40 Iron Pipe, in 50mm thru 101mm Aluminum Pipe and for 2" thru 4" Copper Pipe.

Plus, the Pressure Sensing Digital Flowmeter is available with Wireless Capability. Using this option, you can monitor pressure and flow over a ZigBee wireless mesh network. Learn more about the Pressure Sensing Digital Flowmeter at https://exair.co/05_psdfrm and the Pressure Sensing Digital Flowmeter with Wireless Capability at https://exair.co/05_wpsdfrm.

Super Air Wipe Reduces Compressed Air Use and Sound Levels

A customer needed to reduce the volume of compressed air and reduce the sound levels from using OEM-provided blowoffs to remove moisture from wire on a processing line. Each of their five machines had two horseshoe shaped nozzles bolted together with a series of holes around the throat diameter to allow the compressed air to blow onto the wire.



The effectiveness of the blowoff was good, but the air consumption and noise were high. The blowoffs operated at 100 PSIG inlet pressure, they consumed 73.9 SCFM and produced a 90.6 dBA sound level. The horseshoe nozzles were not controlled independently; both operated full time. Total consumption across all five machines was 369.5 SCFM.

The Model 2402SS 2" Stainless Steel Super Air Wipe was a simple selection due to the matching throat diameter. With a continuous 360° blowoff, only one Super Air Wipe was



needed per machine. The Super Air Wipe operated at 80 psig and took the same amount of drying time as the previous blowoff process. The Model 2402SS requires 29.5 SCFM. This is a total of 147.5 SCFM for all five machines. The Super Air Wipe operates at a 77 dBA sound level for a total reduction of 12.4 dBA at each blowoff station.

The customer replaced all five blowoffs with the EXAIR Model 2402SS 2" Stainless Steel Super Air Wipe. The total compressed air savings was 222 SCFM for the installations. This equates to 106,560 SCFM saved per 8 hour shift or \$26.50 per shift. This gave the customer a 37 week simple ROI, using a 40 hour work week. By installing EXAIR Super Air Wipes the noise level was reduced by 13.6% in the blowoff areas. The sound levels are now below the OSHA threshold for allowable noise level 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 for assistance with yours.



Line Vac Easily & Quickly Automates the Process

A custom plastic injection molder is molding bushings into a plastic housing. They needed a means to move the parts into the molding head. EXAIR's Line Vac air operated conveyor provided a solution. The Line Vac transported the parts up a tube above the injector and then down. The vertical length of the tube served as the magazine to feed the machine. This was a quiet, maintenance free alternative to vibratory feed bowls. Learn more at https://exair.co/05_lv.



Heavy Duty Safety Air Gun Clears the Way for Work to Proceed

A residential and commercial painting company was contracted to rehab a large arena building that sat vacant for many years. Before they could proceed, they needed to clean the dust, sediment, cobwebs and other debris from the open rafters in the ceiling (42,000 square feet.) They purchased (2) Model 1360-48 Heavy Duty Safety Air Guns, and were able to expediently clear the debris, allowing them to move quickly on to the rest of the building restoration. Learn more at https://exair.co/05_sag.



Super Air Amplifier Enhances Patron Experience

A Model 120024 4" (102mm) Super Air Amplifier was used to produce wind on the dance floor of a nightclub to "enhance the experience of patrons." EXAIR's products have been used at nightclubs, theme parks and baseball games, plus all of the manufacturing uses to blowoff, cool and ventilate. Learn more at https://exair.co/05_sal.



EXAIR Line Vac™ Air Conveyor Promotion
Convey parts, materials, waste - with no moving parts!

Line Vacs are a fast, low cost way to convey:	
Plastic pellets	Pills/tablets
Chips	Food Products
Sawdust	Bulk solids
Paper	Small parts
Granules	Shavings

EXAIR's compressed air operated Line Vac is a powerful in-line conveyor. The compact design features large throat diameters for a maximum throughput capability!

CALL (800) 903-9247

Order by October 31, 2020 and Receive a Free 2" Flat Super Air Nozzle

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