

EXAIR-MAIL

Number 95

30 Years

NEWS YOU CAN USE FROM EXAIR CORPORATION

Spring 2013



EXAIR's NEW full-color Catalog 26 is hot off the press!

The expanded 168-page catalog is loaded with cost saving ideas to help your company "go green", reduce compressed air use and save money, too. It includes hundreds of photos, drawings, test data and illustrations to help you better understand and apply EXAIR products.

Heavy Duty HEPA Vac™

High capacity cleaning for dusty environments!



EXAIR has added another fine vacuum to our industrial housekeeping products. EXAIR's new compressed air operated Heavy Duty HEPA Vac attaches to an ordinary 55 gallon open top drum to turn it into a powerful, HEPA quality, industrial vacuum cleaner. It is designed to move high volumes of material with less wear. Engineered for dusty environments that require regular cleaning, the HEPA filter is designed with high capacity in mind.

1" Flat Super Air Nozzle™

A unique and highly efficient use of laminar air!



EXAIR has once again expanded its line of engineered Air Nozzles and Safety Air Guns. EXAIR's engineered nozzles are a simple solution to reduce excessive air consumption and noise levels on compressed air blowoff operations. Check out our new 1" Flat Super Air Nozzle! This highly efficient, unique flat air nozzle produces a forceful stream of high velocity, laminar airflow with minimal air consumption and noise. You will find additional Super Air Nozzles, Precision and Soft Grip Safety Air Guns available in this catalog as well.

No Drip Liquid Atomizing Nozzles™

Minimize air and liquid consumption!



EXAIR now offers a completely new line of No Drip Liquid Atomizing Nozzles. Liquid spray nozzles atomize fluids in a range of spray patterns for a variety of uses. They are available in 3 basic families: internal mix, external mix and siphon fed. No Drip Atomizing Spray Nozzles have the added benefit of positively stopping liquid flow when compressed air is shut off.

Digital Flowmeter™ Line Expanded

New USB Data Logger is a multi award winner!



EXAIR now offers an expanded line of Digital Flowmeters. Digital Flowmeters are the easy way to monitor your compressed air consumption and waste! The digital display shows the exact amount of compressed air being used, making it easy to identify costly leaks or inefficient air products. Models are available for 1/2" up to 6" in iron or copper pipe.

EXAIR is continually expanding and growing our product line. Do you have an application for a product not shown in our catalog? Need an EXAIR product in another size, an odd length or different material? We manufacture many specials as shown throughout our catalog. Just let us know what you have in mind. If you would like a FREE copy of Catalog 26, simply drop the enclosed postage-paid card in the mail or visit www.exair.com/catalog.htm.

New Equipment Digest King Award Winners!



EXAIR's products are designed to improve the overall efficiency of your operations. They are, in the process, winning awards and satisfying customers. For example, our Siphon Fed Liquid Atomizing Nozzles and our Dual High Temperature Cabinet Cooler® Systems have been recognized by *New Equipment Digest* as King Award winners! Liquid Atomizing Nozzles combine liquid and compressed air to create a mist of atomized liquid that can be easily adjusted to meet the needs of your application. Dual High Temperature Cabinet Coolers stop electronic control downtime due to heat, dirt and moisture while maintaining NEMA 4, 4X and 12 integrity. Once again, EXAIR is recognized for the quality and innovation that goes into our products!

Plant Engineering Product of the Year ~~Finalists~~ Winners!

At a ceremony in Chicago, EXAIR was recently recognized by *Plant Engineering Magazine* as a Product of the Year Award winner in four different categories. It's no surprise that EXAIR was a winner. Our Dual High Temperature Cabinet Coolers, the Data Logger for the Digital Flowmeter and the Siphon Fed Liquid Atomizing Nozzles all brought home the gold! The Model 1114SS Large Super Air Nozzle brought home the bronze!

As was said that night, "It's a celebration of great people and great companies that still MAKE things!" Here at EXAIR we are celebrating our 30th year in business, and we are proud that our long history of industry leadership, our continuous development of innovative products, and our great people continue to drive us forward each day.



Application Spotlight:

Heavy Duty Safety Air Gun Reduces Noise Levels and Compressed Air Usage.

Before EXAIR:

The customer was using a hand held blow gun, which was consuming 56 SCFM of compressed air to blow chips and debris from their machined part. The aluminum chips were slightly damp from the machine coolant. The current gun would remove the chips but the sound level was too high and it consumed too much compressed air.



After EXAIR:

With the implementation of EXAIR's **Model 1310 Heavy Duty Safety Air Gun** with a **Model 1100 Super Air Nozzle**, the customer was able to reduce their air consumption from 56 SCFM to 14 SCFM per blow gun and reduced the noise level of each gun from 108 dBA to 74 dBA from three feet away. The return on investment for using a single Model 1310 Heavy Duty Safety Air Gun was 33 days from the date of installation. This allowed the customer to easily justify the replacement of all hand held blow guns in the facility that did not have an engineered nozzle.

Summary:

This customer was using a commercially available gun which used a large volume of compressed air - far more than the application required. With the installation of the Model 1310 Heavy Duty Safety Air Gun with a Super Air Nozzle, the nozzle is regulating the volume of air used. This means the customer will also not need to purchase additional pressure regulators.



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 for assistance with yours.



A company manufactures a range of process equipment for the metal finishing industry. They produce various cleaning systems that their customers use to clean metal parts before finish is applied. This application involved blowing rinse water from expanded metal material after it has gone through a caustic bath and two rinse tanks. Their customer was complaining about water marks and corrosion on product due to being wet during packing. So, they need to get the metal as dry as possible before packing. Two **Model 110018SS 18" (457mm) Stainless Steel Super Air Knives** were implemented to blow from the top and bottom simultaneously to strip the water off the expanded metal. All corrosion and watermarks were removed from their product. The end customer was happy with the result.



A large Texas city aquarium is using the **Model 6063 1 1/2" (38mm) Stainless Steel Line Vac** to move 50 pound bags of sea salt and minerals up 15 feet and into the top of a 6000 gallon tank that is used to mix up/ make seawater. This has eliminated the necessity of a staff member climbing a ladder with the bags on their shoulders, addressing a safety issue.



An automotive power train company is using a **Model 3825 Adjustable Spot Cooler** in their friction welding process. They friction weld CV joints together. This welding causes a red hot weld curl that is removed by an insert. The red hot weld curl has caused trouble when it falls into other mechanisms of the machinery. The Adjustable Spot Cooler is able to quickly cool the weld curl as it is removed by the insert.



Reversible Drum Vac™

Chip Trapper™

Chip Vac™

Heavy Duty Dry Vac™

FREE Vac-u-Gun with Purchase!

Here's your best opportunity to try our vacuum products. Receive a free Vac-u-Gun with your purchase of an EXAIR compressed air powered Reversible Drum Vac, Chip Trapper, Chip Vac, or Heavy Duty Dry Vac. These vacuums are specially designed to suit your industrial vacuum needs.

If you purchase one of these industrial vacuums by May 31, 2013, you will receive a free Model 6492 Vac-u-Gun!



To learn more go to:

www.exair.com/05/vacpromo.htm