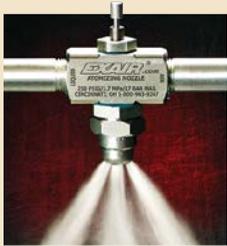


24 New Pages of Product in Catalog 28!

EXAIR is excited to announce our new expanded Catalog 28 is available now! With our biggest expansion to date, you will see even more problem solving engineered compressed air products.



We offer 9 pages of information about our new and complete line of **1/2 NPT Atomizing Spray Nozzles** which include 20 new models with higher volumes of liquid flow and larger spray patterns. Liquid flow ranges from 3.5-303 GPH (13-1147 LPH). These nozzles

include internal and external mix, along with siphon fed. No Drip models are also included. This product line contains a complete range of spray patterns and larger mounting brackets.

EXAIR has added a **High Lift Chip Trapper™** into the Industrial Housekeeping products. Now we have the ability to clean debris and chips from liquid within wells, pits, below grade or elevated tanks. For example, waste oil for heating or recycled lubricants which are suitable for dirtier jobs can be filtered and used without worry of solids damaging equipment.



Check out our latest air nozzles on page 53. The new **Back Blow Air Nozzles™** are engineered to clean out pipe, tube, channel, internal threads and other internal features on parts. These nozzles direct flow back toward the operator to keep debris and chips from getting farther into the part or blowing out the far end of a pipe or tube. These are available in 1/4 and 1 NPT (BSP available), made of 316SS and work



with internal diameters from 7/8" (22mm) to 16" (406mm). Chip shields are available for the 1/4 NPT models and extensions up to 72" (1829mm) are offered for both models. See our new **Safety Air Guns** using those **Back Blow Air Nozzles** on page 90.

We are now offering our digital **ETC™ (electronic temperature control)** for the **Dual Cabinet Cooler Systems** from 3,400-5,600 Btu/Hr (857-1,411 Kcal/hr) and for NEMA 12, 4 and 4X.



ETC™ provides precise temperature control for electrical enclosures.

Summer is Starting Off Quickly!

Hot weather is here already! Be prepared for the problems it brings. Hot weather can cook the electronics in your control panels. It usually happens when you least expect it, and always when you can't afford to be shut down. Machines, conveyors and production lines can grind to a halt when circuits and sensors malfunction. Putting a fan in front of an open panel door is **not** the solution!



The "secret" to resolving your overheating panel problems is EXAIR's Cabinet Cooler® Systems! Our NEMA 12, 4 and 4X Cabinet Coolers are UL Listed to US and Canadian safety standards, CE compliant, and designed to match the NEMA rating of your particular enclosure. Available in cooling capacities up to 5,600 Btu/hr for large and small control panels, these compact coolers are quickly installed through a standard electrical knockout hole and held in place with the supplied locknut.

Do you have a panel that needs cooling but are unsure what cooling capacity is needed? We can help! If the hot summer weather is creating the problem, in most cases, 2,000 Btu/hr is enough refrigeration to offset the summertime heat load, regardless of the panel size. If you'd like some help calculating the heat load and choosing the appropriate Cabinet Cooler model, contact an Application Engineer at 1-800-903-9247 or by e-mail at techhelp@exair.com. They'll be glad to help.



FREE AC SENSOR With Cabinet Cooler Purchase!

Receive a FREE AC Sensor when you purchase a Cabinet Cooler® System by August 31, 2015. For more details, go to

<http://www.exair.com/05/ccpromo.htm>

Application Spotlight:

Super Air Wipe cools extruded tubing and improves production.

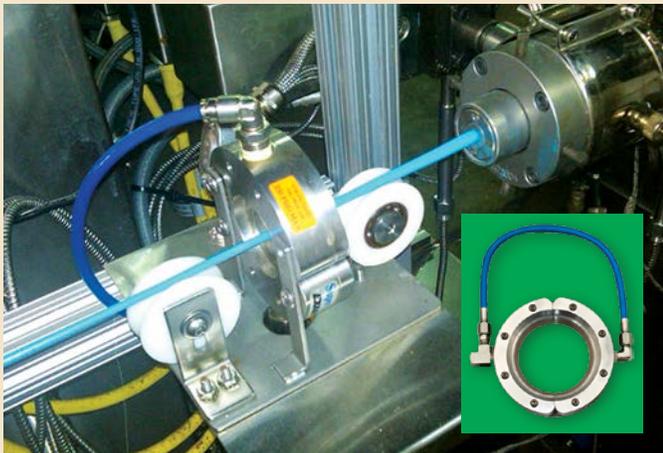
Application Goal:

To eliminate slump and defective product from an extrusion line.

The Problem:

The extruded product, being hot and pliable, would slump and produce a crooked length of tubing. The customer tried using a series of rollers to support the extrusion until it cooled enough to become stiff. This helped somewhat, but they still experienced slump between rollers. The end product still would not meet customer specifications.

This was a new material for the extruder and they were unfamiliar with its properties. They got the job because a competitor could not deliver in time and were up against a deadline to fill the order. To date, they had not been able to produce a defect free product. If they could not deliver, they would lose the order and any future business.

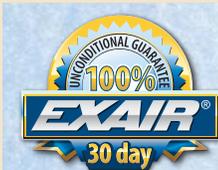


The Solution:

Using a **Model 2401 1" (25mm) Super Air Wipe** positioned between two rollers, the product was cooled enough to maintain rigidity. Adding another set of Air Wipe/rollers, they were able to extrude even faster.

Editor's Comment:

Not only were they able to salvage a \$30,000 order, the increased process speed enabled them to re-quote the job at a lower price and secure future business from their competitor.



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 waste tire recycling facility needed to empty large totes of granulated rubber into their processing machinery. Using a **Model 6987 4" (102mm) Aluminum Line Vac Kit**, they are able to quickly convey product on demand, keeping the lightweight Line Vac unit stored nearby and ready for use at a moment's notice.



A custom machinery OEM is building an oven that will burn paint from an 80" long x 30" diameter tank. The paint flakes and bubbles from the heat of the oven. They are using **84" (2134mm) Super Air Knives** to blow the brittle paint chips from the surface of the tank.



A major electronics manufacturer has installed an **Ion Air Jet** to eliminate a static charge that is causing metal slivers to remain stuck to the plastic part housing. They are pushing the soft metal contact which is round into a square hole of a plastic housing. This operation causes some of the contact's soft metal to scrape off and remain stuck to the part. The **Model 7194 Ion Air Jet** has been installed to clean the part thoroughly.



An energy production engineering firm needed a simple way to introduce 5-6 pounds per minute of sodium bicarbonate into the stack scrubbing system. A **Line Vac** was an easy way to convey the sodium bicarbonate, which is used to neutralize the sulfur dioxide byproduct in the stacks.

Stop electronic control downtime due to heat, dirt, and moisture!
Cabinet Coolers maintain NEMA 4, 4X, and 12 integrity.
All Cabinet Coolers are UL and CE compliant!

A low cost, reliable way to cool and purge electronic control panels. EXAIR **Cabinet Coolers** incorporate a vortex tube to produce cold air from compressed air - **with no moving parts**. The compact Cabinet Cooler can be installed in minutes through a standard electrical knockout. **NEMA 12, 4, and 4X (IP54 and IP66) Cabinet Coolers** that match the NEMA rating of the enclosure are available in many cooling capacities for large and small control panels.



To learn more go to:
www.exair.com/05/440.htm