

INDA'S e-Filter Newsletter

The Filtration Industry's Information Hub

June 2, 2003

Volume 4, Issue 6 of the INDA e-FILTER Newsletter.

Welcome to e-FILTER, sponsored by INDA, Association of the Nonwoven Fabrics Industry (www.inda.org). It is sent monthly to executives within the global filtration business and focuses on the latest news, new products, patents, legislative issues and commentary in the filtration industry. Check out the information at the end of this newsletter on how to subscribe or submit your company's information for inclusion.

MARK YOUR CALENDAR ...

FILTRATION 2003 INTERNATIONAL CONFERENCE & EXPOSITION

November 18-20, Navy Pier, Chicago, Illinois. For more information:

www.inda.org

There are two important components of the largest filtration gathering of the year.

1. Exhibits. Filtration 2003 is the only meeting this year where suppliers of equipment, raw materials, filter media and filtration technology will introduce their newest products. Exhibit space is filling up quickly. Come network with your current customers and meet with new ones, all under one roof.

For more information on exhibiting please contact Tracey Barefoot at (919) 233-1210 Ext. 129 or tbarefoot@inda.org.

2. Conference. The three-day program for Filtration 2003 is set. Sessions will include automotive/transportation, household filtration, consumer applications, government regulations, global opportunities, medical filtration and, back by popular demand, Fundamentals of Filtration 101 & 102.

Beginning on Tuesday, November 18, the Filtration 2003 conference will kick off with the popular air and liquid tutorial sessions, complete with test demonstrations to illustrate the principles of air and liquid filtration.

On Wednesday, the conference begins with a session on air filtration led by Dr. William Rea of the Environmental Health Center in Dallas, who will make a presentation on the impact indoor air quality has on your health. On Thursday, the final day of the Conference, papers will focus on the various end-uses of filtration, including presentations from the pharmaceutical, electronics and healthcare industries.

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WASHINGTON, D.C. REPORT

NIOSH RELEASES GUIDANCE ON USE OF AIR FILTERS TO COUNTERACT TERRORIST ATTACKS

The National Institute for Occupational Safety and Health (NIOSH) released a 62-page report on May 2 entitled “Guidance for Filtration and Air-Cleaning Systems to Protect Building Environments from Airborne, Chemical, Biological and Radiological Attacks.” The report – which can be found online at www.cdc.gov/niosh, or by calling 1-800/356-4674 and requesting publication number 2003-136 – offers advice to those responsible for non-residential buildings about assessing, installing and upgrading filtration and air-cleaning systems. The report also outlines various considerations that should be made when selecting and using air-filtration and cleaning systems.

INDA HOSTING TEXTILE CAUCUS RECEPTION

As part of its legislative outreach program, INDA has scheduled a reception with the Congressional Textile Caucus. The reception will be held from 5:30-7:30 p.m. on Tuesday, June 10 in the Rayburn Congressional House Office Building in the U.S. Capitol complex.

The reception will begin with a networking opportunity for INDA members to meet with Members of Congress as well as Congressional staffers, and will conclude with an educational presentation outlining various aspects of the nonwovens industry, and the role that our industry plays in the U.S. economy. All INDA members are invited to attend this important industry event.

Because the Congressional Textile Caucus is comprised of legislators in the U.S. House of Representatives who have textile interests in the Congressional districts they represent, this reception is an integral piece of INDA’s campaign to educate all Members of Congress about the nonwoven fabrics industry. To date, 14 Members of Congress have accepted INDA’s invitation to attend the reception, and three Congressional offices have said they will send senior members of their staff.

INDA members planning to participate in the June 10 reception are asked to attend a brief, pre-reception meeting to review some of the main talking points for discussions during the reception. This informal meeting will take place from 4:00 - 5:00 p.m. Lastly, INDA members who are interested in staying overnight have been offered the opportunity to meet, one-on-one, with the offices of their elected representatives in Congress on June 11.

INDA members who wish to participate in this event are asked to contact Jessica Franken in our Washington, D.C. offices by June 3. Ms. Franken can be reached by telephone at 703-538-8805, or by email at jfranken@aol.com. Please also let Ms. Franken know if you are interested in staying for the June 11 meeting with their elected representatives, so that INDA staff can try to arrange meetings with individual Congressional offices.

INDUSTRY NEWS

MAYTAG SELLING ZENON FILTER SYSTEM IN CANADA

Zenon Environmental has signed a letter of intent to partner with Maytag Canada for distribution of Zenon's Homespring UF100 in Canadian consumer residential retail channels. Under the deal, Zenon's home water filtration system will be sold exclusively in Canada under the Maytag branded name. It will be distributed by Maytag in Canada through select Maytag retail channels and be installed and maintained by Maytag's service and support organization.

Select retail stores will sell the new Maytag whole home water filtration system across Canada with an initial launch at the Maytag store in Mississauga by June and a broader rollout to follow.

HONEYWELL AND PURADYN LINK UP

Honeywell's Consumer Products Group has begun co-branding its Fram full-flow filters with puraDYN's bypass oil filtration system. The result, according to the firms, is "a full integrated oil filtration system that provides added protection for vehicles."

Under the agreement, Honeywell is stocking the three most popular puraDYN systems and related replacement cartridges. The balance of puraDYN products will be faded into Honeywell's distribution network. In addition, puraDYN is offering the full line of Fram filter products to its independent distributors.

BLOOD FILTRATION SYSTEM APPROVED BY FDA

Pall Corp.'s Leukotrap blood filtration system has won approval from the U.S. Food and Drug Administration. It's the first system that eliminates the need for "burping" blood collection/storage bags of excess air, a repetitive squeezing process that must now be done manually, the company says.

A single technician can burp up to about 60 bags per hour, the company estimates, a process that can lead to repetitive strain injury. The Leukotrap system also includes Pall's technology to divert a small amount of blood that's initially drawn, since it is at much greater risk of bacterial contamination.

DONALDSON SYSTEM GETS EPA APPROVAL

Donaldson Company last month announced that the EPA's Office of Transportation and Air Quality has approved its Diesel Oxidation Catalyst ("DOC") muffler and Spiracle crankcase ventilation filter. The DOC muffler and crankcase filter combination dramatically reduces diesel engine emissions by 25 to 50% from the tailpipes and engine crankcase vents of medium and heavy-duty trucks and school buses.

Donaldson is the only company in the nation to be approved by the EPA's rigorous Environmental Technology Verification Program. It will enable Donaldson to offer its DOC muffler and crankcase filter solution for retrofitting a broad range of engine/vehicle combinations manufactured since 1991.

SARS UPDATE

EMERGENCY FILTRATION MAKING MORE MASKS

Emergency Filtration Products has entered into an agreement with Weise Labs Inc. for the production of its 2H Nano-Enhanced Environmental Masks. EFP is working closely with Weise Labs Inc., based in Taiwan, to establish the manufacture of the product and select distributors servicing the Pacific Rim, where the SARS virus has taken its heaviest toll.

Demand for the product remains very high, and the company expects to enter into distribution agreements with a number of medical supply distributors in the Far East.

DUPONT UPS TYVEK SUPPLY IN CHINA TO FIGHT SARS

DuPont has stepped up supply efforts of its Tyvek protective disposable garments in mainland China and Hong Kong. Tyvek nonwovens provide a barrier against a range of microscopic substances including fine dusts, particles and fibers as well as non-hazardous water-based liquids at low applied pressure. Tyvek is also extremely strong and tear resistant.

The Chinese government has requested one million protective Tyvek disposable garments for health care workers and other professionals. DuPont is working with partners around the world to provide the garments as the need arises.

NEW PRODUCTS

EZ MASK FOR PERSONAL SAFETY USE

Base Safety Gear, San Diego, CA, has introduced the EZ Mask, a compact protective face mask for use against infectious diseases, mycobacterium, tuberculosis, smoke and other respiratory hazards. With growing concern about airborne contaminants, the EZ Mask is promoted as the ideal accessory for travelers. It is individually wrapped, measuring just over the size of a credit card and 0.25 inches deep. The slim packaging design fits in a pocket, purse or briefcase, for easy access during emergencies.

The EZ Mask is promoted as identical to those used in surgical centers and hospitals worldwide and has a Bacterial Filtration Efficiency (BFE) of greater than 99%. When used properly, it helps reduce wearer exposure to airborne particles down to 0.1 microns. The ear loop design provides a comfortable fit and allows the user to slip the EZ Mask on and off quickly and easily. With high fluid and splash resistance, surpassing the strictest industry standards, the EZ Mask reduces the risk of wearer contact with blood and body fluids. It retails for \$2.99.

JAPAN'S FRONTIER CARBON DEVELOPS TECHNOLOGY BASED ON FILTER ADVANCES

Frontier Carbon Corp., Japan, set up by Mitsubishi Chemical to research, develop and market nanocarbon products, has begun developing a way to produce fullerenes in cooperation with Kyoto University. Fullerenes are giant, caged molecules made from carbon atoms.

Using a method they call activated carbon filtration, they can separate a mixture of fullerenes in one-tenth the normal amount of time. The goal is to have a practical version of the technology ready by year-end, eyeing the promising market for fullerenes as materials for solar panels, fuel cells and applications in medical therapy.

FINANCIAL NEWS

DONALDSON THIRD QUARTER REVENUE UP 12%

Donaldson recently reported that its third quarter net income was a record \$25.3 million, up 18% from \$21.5 million last year. Record revenue was \$302.5 million, up 12.3% from \$269.4 million last year.

For the nine-month period, net income totaled a record \$68.2 million, up 10% from \$62.0 million last year. Revenue was a record \$888 million, up 8% from \$822.1 million last year.

Improvements that helped deliver the record quarter included:

- The first year-over-year revenue increase in the company's industrial air filtration business in over two years. This business has stabilized over the past two quarters.
- The better-than-expected integration of ultrafilter. Ultrafilter has continued to generate revenue growth while improving product cost and operating efficiency.

PURADYN'S 1Q SALES UP 24%

puraDYN Filter Technologies recently reported a first-quarter 2003 sales increase of 24% over the same period in 2002. Net sales increased to approximately \$752,000 for the three months ended March 31, 2003, compared to approximately \$605,000 for the same period in 2002.

The Company reported a loss of approximately \$953,000 for the quarter ended March 31, 2003, compared to a loss of approximately \$751,000 for the same period in 2002.

ASSOCIATION NEWS

INDA POSTS EUROPEAN FILTER MAGAZINE ONLINE

INDA has entered into a partnership with the Filtration Society in Europe to allow it to post their journal on the INDA website (members only) at www.inda.org. This will be a free members-only service, so members should keep an eye out for the magazine being posted this month on the site.

VISION 2004 IS ON THE MOVE ... TO LAS VEGAS

The highly successful Vision Consumer Products Conference, which attracted more than 500 people to New Orleans in January, is headed to a new location in its third year. INDA announced last month that the Vision 2004 will be held in Las Vegas, Nevada at the Mandalay Bay Hotel. The dates: January 25-28.

INDA decided to take Vision "on the road" in 2004 following in-depth surveying of attendees at the Vision 2003 Conference in New Orleans last January. There was a consensus that after two years in The Crescent City a different site will be welcomed by the hundreds of attendees at what has quickly become the consumer products industry's leading conference and networking opportunity.

The program for Vision 2004 is currently being put together by the Vision Committee and further details, including how to be involved in the prestigious 2004 Visionary Awards, will be announced soon.

THAT'S ALL, FOR THIS MONTH ...

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Any company with news for the INDA e-FILTER Newsletter, or any individual with something they want to say to the industry, should send an email to Michael Jacobsen, INDA Director of Publications, at [mjacobson@inda.org](mailto:mjacobsen@inda.org) or mail to 22 Paterson Avenue, Midland Park, NJ 07432; 201-612-6601; Fax 201-612-6677.