

## **Filtrete™ Commercial HVAC Filters to be used in the Olympic National Stadium in Beijing**

3M and The Penn Air Group join forces to help improve air quality in Bird's Nest Suites

ST. PAUL, Minn.--([BUSINESS WIRE](#))--A new line of Filtrete Commercial HVAC Filters has been selected for use in the new Beijing National Stadium, also known as the Bird's Nest. The Penn Air Group has installed the filters in one of the premier Olympic buildings -- the Bird's Nest suites.

"Filtrete Commercial HVAC Filters from 3M met the rigid specifications set by the Chinese government to ensure high performance and quality," said David DeNinno, president of The Penn Air Group. "We are thrilled to be a part of the Olympic excitement with 3M's product that can help improve the air quality in this prestigious venue."

The Chinese government has declared that Beijing will host an environmentally responsible 2008 Summer Olympics and has taken strides to proactively address the multiple needs for this event. In 2006, the World Health Organization (WHO) set new guidelines to improve Urban Air Quality, including standards associated with reduced levels of fine particles referred to as PM<sub>2.5</sub> - PM<sub>10</sub> (1 - 4/10,000<sup>th</sup> of an inch in size). The Filtrete Commercial HVAC Filters installed in the Bird's Nest suites were designed to reduce the concentration and impact of these harmful particles.

The Penn Air Group was selected by the Chinese government due to their broad expertise at optimizing HVAC systems and their growing presence in Asia. According to The Penn Air Group's executive vice president, John Lee, "These two-inch filters will contribute towards a building LEED certification via a USGBC accredited professional review." Lee continued, "The cost to benefit ratio far outperforms competitive products when one weighs the high degree of filtration efficiency, quality of construction, long life and low energy/operational costs."

"Some of the most important factors for Filtrete Commercial HVAC Filters to operate at their optimum performance are design, installation and maintenance of the HVAC system," said Steve Hendrick, global business manager with 3M Commercial Filtration. "We are pleased the Chinese Government is working with an HVAC specialist and experts like The Penn Air Group when making decisions on improved air filtration systems. A systems approach is critical to gaining the full benefits of particle capture efficiency and fan energy savings which can be obtained through the use of our Filtrete Commercial HVAC Filters."

3M's innovative nonwoven technology, first used in face respirators, migrated into Filtrete branded filters with its melt-blown fiber technology's ability to trap minute particles to substantially improve indoor air quality.

For more information on Filtrete Commercial HVAC Filters, please visit us at [www.filtrete.com/commercialbuilding](http://www.filtrete.com/commercialbuilding) or contact The Penn Air Group at 1-800-266-9091.

### About The Penn Air Group

The Penn Air Group is a global leader in providing Commercial HVAC System Optimization. An example is their unique "Total Care" program, which integrates multi-disciplined engineering, and the highest quality products and services. Benefits include: decreased energy costs, healthier indoor environments, load reductions to the grid, asset preservation, and reduced greenhouse gas emissions. Each project is specifically designed to meet the specialized needs of commercial buildings, hospitals, and industrial facilities.

Service divisions include Whole Building Commissioning (Cx), Test and Balance Engineering (TAB), Commercial/Industrial HVAC Cleaning and Restoration, Mold Remediation and Indoor Air Quality Investigations. Products include 3M Commercial HVAC Filtration and Window Films. Headquartered in Los Angeles, California, The Penn Air Group has been servicing clients for 4 decades throughout the world from 17 offices in the U.S., Puerto Rico, Guam, China, and Korea.

The Penn Air Group is an ENERGY STAR partner and a member of AABC, ACG, AIHA, ASHRAE, IKECA and NADCA.

#### About 3M

A recognized leader in research and development, 3M produces thousands of innovative products for dozens of diverse markets. 3M's core strength is applying its more than 40 distinct technology platforms – often in combination – to a wide array of customer needs. With \$24 billion in sales, 3M employs 75,000 people worldwide and has operations in more than 60 countries. For more information, visit [www.3M.com](http://www.3M.com).

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LaBrecheMaryna Polyakova, 612-392-7618mpolyakova@labrechereputations.comor3M Public RelationsColleen Harris, 651-733-1566<http://www.3m.com/PressContact>

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