

# **TURBOCOR NEWS RELEASE**

## **Turbocor Awarded Most Coveted Climate Protection Award**

**April 13, 2004**

**Washington, D.C.**—Today, the Turbocor compressor, manufactured by Turbocor Inc., was awarded the prestigious U.S. Environmental Protection Agency's (EPA) Climate Protection Award. This is only the second HVAC refrigeration technology to be selected to receive this highest of environment awards.

"All of us at Turbocor are indeed honored to receive this prestigious award. We feel that the Turbocor technology epitomizes the goal of the U.S. EPA's *Responsible Use* vision; a vision that encourages owners, system designers, and manufacturers to invest in highest efficiency/lowest emissions technologies and then provide documented sustainability of this high-level performance over the entire lifetime of the product, system or service. This is a great achievement and reward not only on behalf of our employees who have worked extremely hard to bring this vision to life, but also to our customers who are helping to make this a reality as well," commented Brian Evans, Turbocor President & CEO.



When asked to explain how the Turbocor technology supported the EPA's Responsible Use vision and the Climate Protection Award, Ron Conry, Turbocor's Chief Technology Officer and inventor of the technology, offered three insights:

1. **Highest Efficiency/Lowest Emissions**—in the targeted tonnage range of 50 to 300 tons, the Turbocor compressor, which uses a two stage, direct drive, hermetic centrifugal compressor complete with a Variable Frequency Drive (VFD), has up to a 33% energy efficiency advantage over traditional compressor technologies especially at part load conditions which is where systems tend to operate the majority of the time. High efficiency not only makes economic sense for owners but also helps reduce utility-generated greenhouse gas emissions critical to helping protect the environment.
2. **Sustainability**—This is the first compressor in the industry to be totally *oil-free*. Because oil can degrade the performance of chillers and other HVAC equipment by coating the heat transfer surfaces, its elimination is a significant sustainable performance advantage. The result is that Turbocor's efficiency advantage can be sustained over the entire lifetime of the equipment. In addition, because it's oil-free, experience has proven that maintenance costs can frequently be cut in half.
3. **Documentation**—"Trust but Verify," says it best. Many owners and environmentalists want to ensure that efficiency claims, and especially sustainable efficiency claims, can be documented. The Turbocor compressor offers web-based monitoring and diagnostics providing real-time performance documentation at levels literally unheard of with traditional technologies. Proof of sustainable performance has never been easier or more cost-effective.

Eugene Smithart, Turbocor Vice President Sales & Marketing concluded, "We believe the U.S. EPA's Responsible Use vision will define the future of our industry; a future that is both economically and environmentally sound. When one combines the advanced, web-based monitoring and diagnostics of the Turbocor compressor, providing real-time performance documentation, with the oil-free nature of the compressor, providing enhanced sustainability, and the highest efficiency/lowest emissions performance, one can see why this compressor represents, in the important mid-range market, the future of compression technology. Winning the U.S. EPA's Climate Protection Award underscores that message in a way little else could. To that end we want to thank the U.S. EPA and everyone else worldwide that was involved in this selection and evaluation process."

TURBOCOR, proud recipient of the 2004 U.S. EPA Climate Protection Award, the 2003 AHR Expo Energy/Innovation Award and Canada's 2003 Energy Efficiency Award, is dedicated to the design, manufacturing, marketing, and support of the world's most efficient and quiet commercial refrigerant compressors. It is a proud supporter of the U.S. EPA's Responsible Use vision; a vision that encourages manufacturers, owners and

system designers to invest in technology that offers the highest efficiency/lowest emissions on a sustainable basis, over the entire life of the product or system, with documented performance.