

For Immediate Release

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EcoThermics “Real World” Press Conference Introduces Innovative CO₂ Technology

Honey processing plant to drastically reduce energy consumption

West Lafayette, IN. 7/14/2010 – EcoThermics Corporation, a pioneer in the natural refrigerant segment of the HVACR industry, announced first applications of CO₂ based technology during the 13th International Refrigeration and Air Conditioning Conference, the 20th International Compressor Engineering Conference and the 1st International High Performance Buildings Conference, all held this week at Purdue University in Lafayette, Indiana. The heating and cooling industry is under tremendous market and regulatory pressure to reduce energy consumption and eliminate the use of synthetic refrigerants, which are toxic, long-duration greenhouse gases. EcoThermics announced the development and current application of sustainable, high-efficiency technology that addresses these challenges.

The conference started with Patricia Davies, Director of Herrick Labs at Purdue University, as she addressed Purdue’s commitment to the development of innovative technologies that can someday be commercialized to positively impact society. With that commitment on full display, EcoThermics and Purdue University jointly presented a technical paper discussing the high-pressure fluid dynamics and thermodynamic science behind CO₂ compressor technology, and has solved long-standing industry recognized roadblocks to the development of sustainable, high-efficiency CO₂ heat pumps. The EcoThermics compressor is a critical enabling component of these systems. EcoThermics CEO Merle Rocke commented on current lab test results comparing EcoThermics compressor technology to CO₂ technology previously tested at Purdue, stating “We are pleased to note the consistent improvement in compressor performance as measured by Herrick Labs with each test cycle.”

While the use of natural refrigerants is rapidly gaining acceptance throughout the world, the emergence of these technologies has just begun in the U.S. EcoThermics announced a first real-world field test application with StollPak – a honey processing plant in Van Wert, Ohio. CEO of StollPak Dwight Stoller highlighted the fact that significant heat is required in the processing and packaging of honey, and due to its thick, sticky consistency, it has to be heated and maintained at temperatures high enough so that it flows out of barrels and through pipes, avoiding crystallization. Stoller commented “We recognized that today’s methods of heating water require significant energy consumption at the expense of our environment, which presents an added cost to consumers. EcoThermics technology will not only reduce our production costs, but will do so in an environmentally friendly manner which provides free cooling to our boiler room as an added benefit.”

For EcoThermics inquiries please contact BRANDX GROUP Public Relations Director Marcus Bass @ 323.855.4551 or visit www.BRANDXGROUP.com.

About EcoThermics

EcoThermics is an industry leader in the natural refrigerant segment of the HVACR industry. Leveraging scientific and engineering competencies in high-pressure fluid dynamics and thermodynamics, the company has made breakthrough technological advances, solving industry recognized roadblocks to the development of sustainable, high-efficiency heat pumps that utilize a natural refrigerant – atmospheric carbon dioxide (CO₂), designated R744 by the industry. For more information please visit www.EcoThermics.com.