



## **XDX initiates program to improve quality of food for children**

CHICAGO, Ill. — XDX® Innovative Refrigeration recently initiated a program to improve the quality of food for children through enhanced refrigeration performance. The “Kitchen Improvements for Discerning Schools” Safety Program (K.I.D.S.) educates, encourages and enables operators and technicians to improve awareness and achieve better kitchen refrigeration equipment performance.

The program offers an energy efficiency and performance enhancement package from XDX. It includes an electronic training and certification program that helps technicians and operators understand the effect that proper temperature control, evaporator performance, and defrost cycle reduction can have upon improving food safety and product quality.

“The most significant benefit of the XDX valve technology is that it can improve the quality of food through improved system performance,” explained David A. Wightman, CEO of the Chicago area company. “With recent FDA reports showing high levels of non-compliance in schools, as well as recent investigative reports highlighting refrigeration issues in certain restaurant chains, XDX wants to do our part. We recognize that schools and school districts are experiencing budget cutbacks and have limited funding for this type of project, but it is imperative that the school administration gain a heightened awareness of the importance of food safety and product quality. Simply put, we want to help kids through improving the refrigeration in schools. The energy reduction and product quality improvements work together to build an attractive return on investment.”

School administrators are encouraged to register online for the K.I.D.S. program, which offers a limited number of rebates for valves purchased from XDX for field retrofit of refrigeration equipment to qualified facilities. Local businesses, community groups and parent-teacher organizations are encouraged to support the project through contributions either toward the labor or installation expenses. Additional energy rebates may be available.

“We are excited to offer this valve program with volume incentive rebates for multiple applications,” added Susan Foster, XDX sales manager. “Even a small district with five schools can receive rebates when ordering additional valves for other equipment. This is a unique opportunity for schools to address the safety of the food we serve our children.”

The XDX energy efficiency and performance enhancement package is applicable to nearly any direct expansion refrigeration system and works with any refrigerant. The patented heat transfer process through use of X-Stream® and A.R.M.E.D.® technologies differs from the ordinary inefficient direct-expansion feed of a Freon-type refrigerant system in several ways. The process uses a special valve to allow a thin coating of refrigerant to line the entire inside of the evaporator tubing, resulting in rapid removal of heat from the product or conditioned space. Temperatures improve, the system runs less, and equipment performs better in this controlled manner of refrigerant feed.

Defrost cycles and energy consumption are dramatically reduced in nearly every application. The valve installs in less than two hours and has been used to resolve performance-related issues in more than 5,000 installations worldwide. The process is applicable from food service and restaurant applications, to supermarket and convenient store equipment, to the ultra-low temperature requirements of blood plasma storage. Food storage, cold rooms, and industrial processing equipment all benefit from this technology. Independent Laboratories have tested and

documented energy savings of 18 to 24 percent with up to 66 percent extension of shelf life of perishable products.

The K.I.D.S. Program is limited to the retrofit of existing equipment. New equipment can be acquired with the technology already installed. Carrier Commercial Refrigeration makes available the technologies in its Beverage-Air, Russell Refrigeration, Cold Zone, Witt Refrigeration, Tyler Refrigeration, Kramer Refrigeration, Kelvinator, and International Cold Storage (ICS) branded refrigeration equipment lines.

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XDX Innovative Refrigeration is committed to leveraging its industry-leading technology to help customers reduce energy and maintenance costs, increase food safety and meet environmental initiatives. Celebrating its 10th anniversary in 2009, the firm is based in suburban Chicago. Our award-winning and scientifically proven technologies have been installed by a multitude of clients in dozens of industries, including HVAC, foodservice, medical, entertainment, food manufacturing, hospitals and healthcare facilities, schools, colleges and universities. For more information, visit [www.xdxusa.com](http://www.xdxusa.com).