



# RDT PRODUCT LINE

Refrigeration Design Technologies (RDT) designs and builds a wide array of quality, intuitive, energy-saving refrigeration systems suitable for use in numerous applications. RDT systems reduce the impact of site development on our natural environment, improve energy efficiency and reduce the impact on our atmosphere. Many of our systems improve energy efficiency by as much as 40% and diminish a key contributor to the global warming process by reducing refrigerant volumes by 50%.



## EcoSmart

The RDT EcoSmart is an intuitive evaporator controller designed to save energy and provide remote connectivity for walk-in freezer and cooler applications. EcoSmart offers electronically controlled, on-demand defrost, which eliminates unnecessary defrost cycles, reduces compressor runtime, and minimizes evaporator fan cycling. It also provides alarm notifications via text/email, along with remote monitoring and system control. EcoSmart helps eliminate excessive temperature swings and ice buildup on floors and ceilings. Additionally, it allows for precise superheat control when used with optional electronic expansion valves (EEVs)



## EcoCool

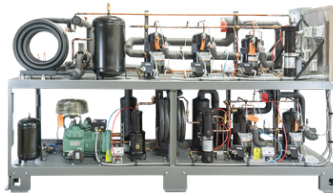
RDT's EcoCool system is designed to meet the growing demands for environmentally responsible compliance within the food service industry. Current DOE regulations require manufacturers to reduce energy consumption by 20-40%. A third-party energy study demonstrated that RDT's EcoCool achieved energy savings in excess of 48%. Featuring a digital scroll compressor, the EcoCool system offers precise compressor control, allowing it to replace the numerous compressors typically required with just two digital scroll compressors. For added peace of mind, it also includes a backup compressor for 100% redundancy. With fewer compressors, the EcoCool system boasts a smaller footprint, lower refrigerant volume, reduced installation costs, and lower electrical consumption.

## MultiRak



- Multi-Circuitied, Aluminum Fin Copper Tube condenser
- 6" C-Channel Base
- Up to 15 Compressors
- Ideal for Multiple-Fixture Complex
- Allows Integration of Circuits for Ice Machines
- Ball Bearing Fan Motor
- Low Ambient Control System
- Tubular Steel Frame

## FlowPak



- Outdoor & Indoor Water Cooled
- Individual Oversized Condenser
- One Point Electrical
- Pre-Piped to Common Supply/Return Header
- Designed to Accommodate 150 PSI Water Pressure
- Adjustable Water Regulators

## PremierPak



- Outdoor Air Cooled
- Dedicated Oversized Condensers
- Stainless Steel Housing
- Up to 10 Compressors
- Ideal for Cooler/Freezer Combo Boxes
- Ball Bearing Fan Motor
- Low Ambient Control System
- Rugged Base, 6" Legs