



# 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%.

## ECO-SMART

- Eliminates unnecessary defrosts which are typically associated with time-based alternatives
- Maximizes energy efficiency with fewer defrost cycles and less compressor runtime
- Allows for alarm notifications & remote monitoring
- Eliminates excessive temperature swings
- Eliminates ice on floors & ceilings
- Allows for precise superheat control with optional electronic expansion valves (EEV)



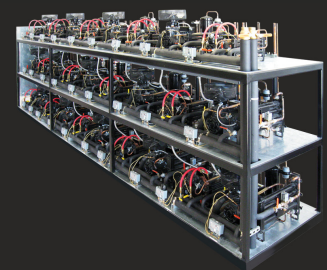
## ECO-COOL



RDT's Eco-Cool system was designed to meet the ever-increasing demands for environmentally responsible compliance within the food service industry. Impending DOE regulations require manufacturers to cut energy consumption by 20 - 40%. A third party energy study proved RDT's Eco-Cool had energy savings in excess of 48%. With the scroll digital compressor, the Eco-Cool system offers precise control of compressors, allowing what would typically require twelve compressors, to utilize two digital scroll compressors. For the customer's peace of mind, it also includes a back-up compressor for 100 % redundancy. With fewer compressors, the Eco-Cool system has a smaller footprint, lower refrigerant volume, lower installation costs and reduced electrical consumption.

## ZS SERIES

- 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
- Suction Filter, Sight Glass, Drier, Liquid Line Valve
- Rugged Base, 12 Gauge Galvanized Channel, 6" Legs



## IRW SERIES

- Indoor Water Cooled
- Micro Set Dual Pressure Control
- Super Hose Connections
- Individual Oversized Condenser and Receiver
- One Point Electrical
- Pre-Piped to Common Supply / Return Header
- Designed to Accommodate 150 PSI Water Pressure
- Inlet and Outlet Rotolock Valves
- Rigid Structural Steel Frame
- Adjustable Water Regulators

## RDMC SERIES

- Outdoor Air Cooled
- Multi-circuited, 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
- Rugged Base with Tubular Steel

