

# REFPLUS®

Mini Spectrum 7.5 HP thru 30 HP  
Spectrum 30 HP thru 250 HP



**PARALLEL COMPRESSOR  
RACK SYSTEMS**  
*Spectrum Series*



# Parallel Compressor Rack Systems

RefPlus offers a full range of parallel compressor rack systems custom engineered and manufactured under strict quality control to meet today's high standards in refrigeration. Flexibility, reliability, and energy efficiency are built into every system designed and manufactured by RefPlus – A True OEM. RefPlus is able to offer two distinctive lines of parallel compressor rack systems:



**The Mini Spectrum Series from 7.5 HP thru 30 HP**  
**The Spectrum Series from 30 HP thru 250 HP**

RefPlus uses the highest quality components in order to ensure years of trouble-free operation. A variety of compressor options are available including semi-hermetic, screw, scroll and hermetic compressors. The Spectrum Series parallel compressor rack systems are designed to match the customer's specifications and will operate with most refrigerants available on the market, such as R134A, R404A, R507 and R22.

Ranging from small institutional applications to large industrial projects, RefPlus is able to effectively meet the challenging refrigeration requirements in today's competitive market.



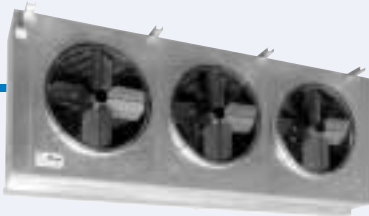


## Standard Features:

- Oversized vertical receiver or surge receiver
- Liquid sight glass indicating the amount of liquid refrigerant in the receiver (Spectrum Series)
- Replaceable (core) liquid line filter drier with isolating valves
- Low liquid level receiver alarm with automatic relay (Spectrum Series)
- Positive oil pressure feed system with oil separator, oil filter and individual compressor regulators
- Replaceable (core) suction line filters for each compressor
- Individual compressor oil failure switch (compressors with positive pressure oil pump) and high/low pressure control
- Individual compressor discharge vibration absorbers (reciprocating compressors only)
- Mechanical evaporator pressure regulators
- Individual compressor crankcase heaters
- Individual liquid and suction shut-off valves for each system branch
- Voltage phase monitor
- Individual compressor contactor and circuit breaker
- Individual branch light indicators for refrigeration, defrost operation and alarm
- Basic alarm system with mechanical relays
- Vibration isolation pads included
- Refrigeration racks are supplied with lifting eyes and lift truck slots for ease of installation

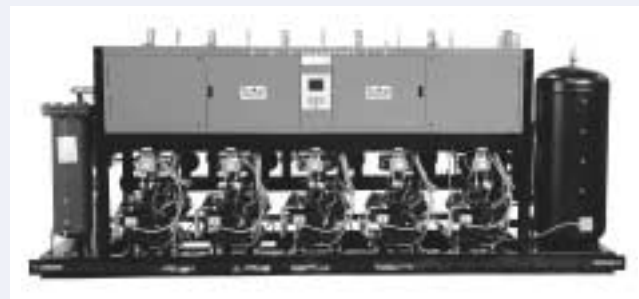
## REFPLUS... A True OEM.

RefPlus manufactures a complete line of condensing units and air-cooled condensers. RefPlus also offers a comprehensive "Low Side" Refrigeration line of reach-in, commercial and industrial unit coolers and blast freezers.



## Optional Features:

- Low liquid level receiver alarm with automatic relay (Mini Spectrum Series)
- Liquid sight glass indicating the amount of liquid refrigerant in the receiver (Mini Spectrum Series)
- Heat reclaim valves for air or water heating
- Secondary fluid heat reclaim
- Mechanical sub-cooling of the liquid refrigerant
- Electronic evaporator pressure regulators
- State-of-the-art electronic microprocessor controls with remote monitoring
- Suction accumulator
- Split condenser valve
- Off-cycle, hot gas or electric defrost control





**HISTORY**

The RefPlus division of Dectron Internationale manufactures a complete line of refrigeration and HVAC products. RefPlus' engineering capabilities allow it to provide an array of custom heating and cooling coils for commercial, industrial and OEM applications.

Specialty products such as process chillers and custom refrigeration packages are made available to specific engineering guidelines to meet the needs of clients such as Merck Frost, Pfizer, Maple Leaf Foods, Sobey's, Great A&P, Saputo and Toronto General Hospital.

Since its inception RefPlus has expanded rapidly and now owns two state-of-the-art manufacturing facilities. RefPlus' North American distribution network of wholesalers, manufacturer's representatives and OEM accounts provide quality application engineering and after-sales support to end-users.

Only the best quality materials and components (UL, ETL and CSA rated) are used in RefPlus' products. This, combined with design expertise spanning nearly 30 years, establishes a vigorous standard of continuously producing high-quality solutions for its clients. RefPlus also invests heavily in Research & Development in its quest for new products and constant quality improvement.



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