

Liebert® CRV™ ROW-BASED COOLING

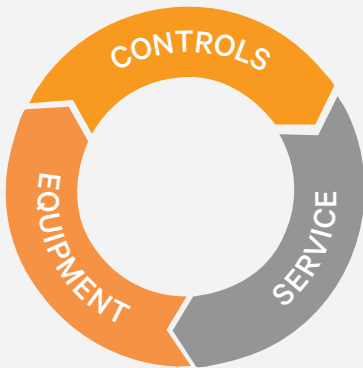
DX & CW Cooling, 19.6-40 kW



FEATURES

The Liebert CRV is the Most Efficient Row-Based Cooling Solution

- Industry's Highest Delivered Row-Based Efficiency.
- Availability Approaching 100%.
- Industry's Most Advanced Control & Performance Optimization.
- Backed by the Industry's Best Service and Support.



Highest SCOP!
More Capacity!
Best Footprint
Capacity!



Industry's Highest Delivered Row-Based Efficiency

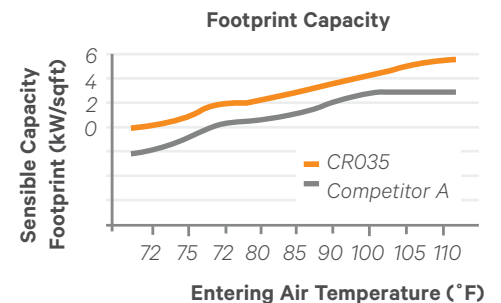
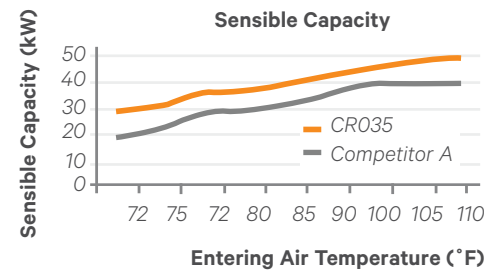
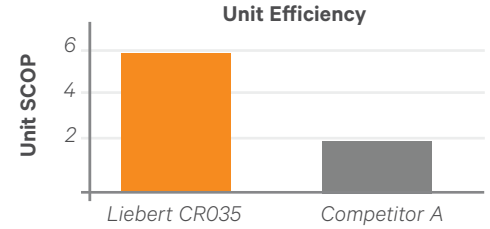
- Moving cooling closer to the source
- Digital Scroll Compressor to match load & saves energy with 80-step capacity modulation
- Variable Speed Fans to match load
- Field-adjustable air baffles – getting the air where it really needs to be

Availability Approaching 100%

- Hydrophilic coating to ensure no water blow off
- Emergency airflow capacity (18-23%)
- Real-time environmental control from rack sensors
- Automatic performance optimization with Liebert iCOM™ controls and teamwork modes
- Wellness monitor alerts users in advance of potential issues

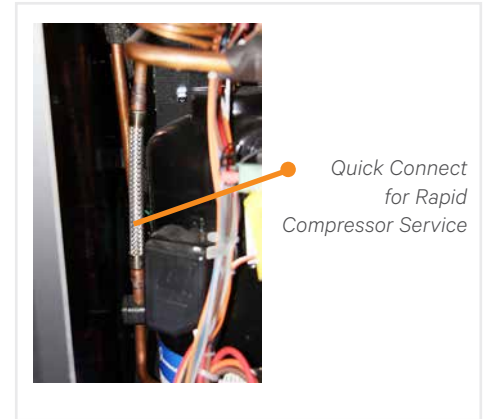
Industry's Most Advanced Control & Performance Optimization

- Only row-based product that can separate the compressor and fan speed for the best efficiency
- Allows for six different control modes for greater flexibility
- Controls up to 20 rack sensors to ensure the correct amount of cold air is provided compared to 3 or less for the competition



Backed by the Industry’s Best Service and Support

- Fast and easy installation with casters & pre-piped connections
- Both top and bottom piping and electrical connections are standard
- NO Side Access required
- NO torch required
- NO refrigerant evacuation
- Nationwide service through local factory trained technicians
- 24-hour customer and tech support
- Remote Monitoring delivered by data center experts
- Energy optimization services



Superior Service Access Panel for Effortless Component Service

Technical Data

| | |
|-------------------------|---|
| NOMINAL CAPACITY | 19.6, 20 or 35 kW, Air-Cooled or Water/Glycol 32, or 40 kW Chilled Water |
| INPUT VOLTAGE | 120V, 1ph, 60Hz (CR032) 208V, 1ph, 60Hz 208V, 3ph, 60Hz 460V, 1ph, 60Hz |
| REFRIGERANT | R410A |
| COMPRESSOR | Digital Scroll, Variable Capacity 20 -100% |
| CONTROLS | Liebert® iCOM™ control with large graphical display and 20 sensors for up to 10 racks |
| COMMUNICATIONS | HTTP, SNMP, RS-485 Modbus, Modbus IP/BACnet IP, Liebert Site Scan Web 4.0 |

Dimensions

| | 19.6, 32 KW | 20, 35, 40 KW |
|---------------|----------------|----------------|
| HEIGHT | 79 in (2000mm) | 79 in (2000mm) |
| WIDTH | 12 in (300mm) | 24 in (600mm) |
| DEPTH | 43 in (1100mm) | |

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