Distributed Refrigeration System

Higher Horsepower
Greater Flexibility
Superior Accessibility

HORIZONTAL EDGE™
Distributed Refrigeration System
<table>
<thead>
<tr>
<th><strong>Standard</strong></th>
<th><strong>Optional</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td></td>
</tr>
</tbody>
</table>
| - Medium Temp: Up to 50 tons | - Refrigerants  
| - Low Temp: Up to 20 tons |   - R-134A  
| - Split Temp: Up to 50 tons |   - R-449A  
| - Contact factory for capacities not listed |   - R-404A  
| |   - R-507  
| |   - R-407A  
| |   - R-513A  
| |   - R-448A  
| |   - CO2 (R-744)  
| | - Contact factory for refrigerants not listed |
| **Housing** |             |
| - Cold-rolled steel exterior | - Removable roof covers for low clearance  
| - Modular design: Up to 4 mechanical sections plus electrical enclosure | - Base frame under unit for receiver mounting  
| - Drip pan in base frame | - Contact factory for seismic options  
| - Removable front panels for service |  
| - Hinged roof covers with pneumatic actuators |  
| - Sound attenuation insulation |  
| - Powered ventilation |  
| - Vibration mounting pads, shipped loose |  
| **Electrical** |             |
| - Power Options (single-point or dual-feed) | - Optional main power disconnects  
|   - Main: 460V/3/60Hz or 208V/3/60Hz |   - Thru-door, non-fused disconnect  
|   - Control: 208V/1/60Hz or 120V/1/60Hz |   - Remote, fused disconnect, shipped loose  
|   - 10K SCCR |   - Remote, non-fused disconnect, shipped loose  
|   - Micro-processor controller and I/O boards, per specifications |   - Contact factory for higher SCCR ratings  
| - Micro-processor controller and I/O boards, per specifications |   - Contact factory for power options not listed  
| **Compressors** |             |
| - Copeland Scroll | - Vapor injection (scroll compressors)  
| - Bitzer Reciprocating | - Capacity modulation  
| - Ecoline Compressors up to CE3 frame size | - Liquid subcooling  
| **Low Side** |             |
| - Oversized primary w/ secondary suction header  
| - Single suction group | - Suction accumulator, shipped loose  
| - Factory-installed suction filter per group | - Split suction groups  
| - 1/2" insulation | - Split suction cross-over valves  
| | - 3/4" or 1" insulation |
| **High Side** |             |
| - Coalescent oil separator with integral reservoir | - Heat reclaim  
| - Discharge check valve | - Split condenser valves  
| - Head pressure controls | - Horizontal receiver factory-installed to base frame under unit (unit height will increase)  
| - Horizontal or vertical receiver w/ dual pressure relief valves, remote mounted | - Heated receiver  
| - Receiver liquid level analog float or probe | - Insulated receiver and liquid lines  
| - Factory-installed liquid filter drier | - Rupture discs and gauges  
| - Liquid line sight glass/moisture indicator |  
| - Liquid loop piping |  

**Diagrams:**
- **Horizontal Edge™ Front View**
- **Horizontal Edge™ Right Side View**