

# EDGE™

DISTRIBUTED SYSTEMS



Higher Horsepower  
Greater Flexibility  
Superior Accessibility

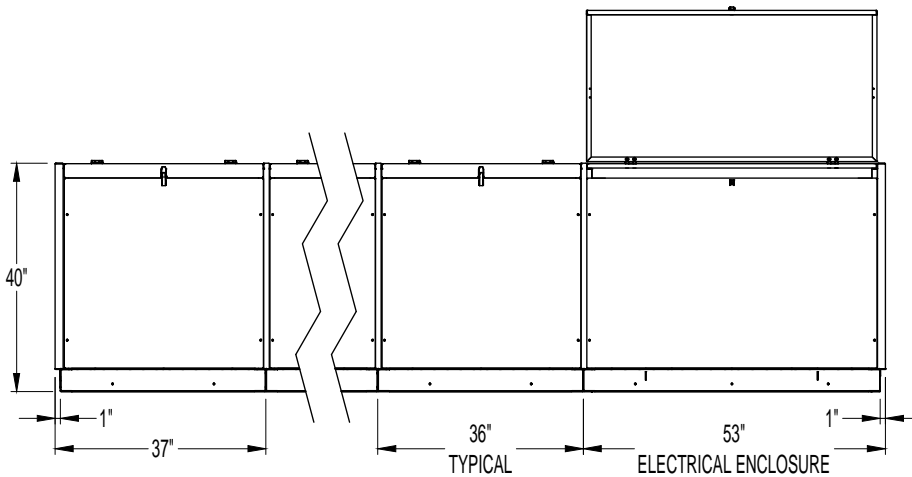


## HORIZONTAL EDGE™

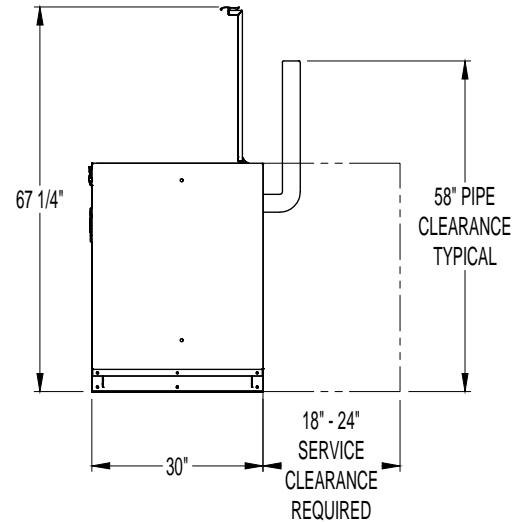
Distributed Refrigeration System



|             | Standard  | Optional  |
|-------------|---|---|
| Capacity    | <ul style="list-style-type: none"> <li>Medium Temp: Up to 50 tons</li> <li>Low Temp: Up to 20 tons</li> <li>Split Temp: Up to 50 tons</li> <li>Contact factory for capacities not listed</li> </ul>   | <ul style="list-style-type: none"> <li>Refrigerants               <ul style="list-style-type: none"> <li>R-134A</li> <li>R-404A</li> <li>R-407A</li> <li>R-448A</li> <li>R-449A</li> <li>R-507</li> <li>R-513A</li> <li>CO<sub>2</sub> (R-744)</li> </ul> </li> <li>Contact factory for refrigerants not listed</li> </ul>  |
| Housing     | <ul style="list-style-type: none"> <li>Cold-rolled steel exterior</li> <li>Modular design: Up to 4 mechanical sections plus electrical enclosure</li> <li>Drip pan in base frame</li> <li>Removable front panels for service</li> <li>Hinged roof covers with pneumatic actuators</li> <li>Sound attenuation insulation</li> <li>Powered ventilation</li> <li>Vibration mounting pads, shipped loose</li> </ul>                               | <ul style="list-style-type: none"> <li>Removable roof covers for low clearance</li> <li>Base frame under unit for receiver mounting</li> <li>Contact factory for seismic options</li> </ul>   |
| Electrical  | <ul style="list-style-type: none"> <li>Power Options (single-point or dual-feed)               <ul style="list-style-type: none"> <li>Main: 460V/3/60Hz or 208V/3/60Hz</li> <li>Control: 208V/1/60Hz or 120V/1/60Hz</li> </ul> </li> <li>10K SCCR</li> <li>Micro-processor controller and I/O boards, per specifications</li> </ul>   | <ul style="list-style-type: none"> <li>Optional main power disconnects               <ul style="list-style-type: none"> <li>Thru-door, non-fused disconnect</li> <li>Remote, fused disconnect, shipped loose</li> <li>Remote, non-fused disconnect, shipped loose</li> </ul> </li> <li>Contact factory for higher SCCR ratings</li> <li>Contact factory for power options not listed</li> </ul> |
| Compressors | <ul style="list-style-type: none"> <li>Copeland Scroll</li> <li>Bitzer Reciprocating               <ul style="list-style-type: none"> <li>Ecoline Compressors up to CE3 frame size</li> </ul> </li> </ul>   | <ul style="list-style-type: none"> <li>Vapor injection (scroll compressors)</li> <li>Capacity modulation</li> <li>Liquid subcooling</li> </ul>  |
| Low Side    | <ul style="list-style-type: none"> <li>Oversized primary w/ secondary suction header</li> <li>Single suction group</li> <li>Factory-installed suction filter per group</li> <li>1/2" insulation</li> </ul>  | <ul style="list-style-type: none"> <li>Suction accumulator, shipped loose</li> <li>Split suction groups</li> <li>Split suction cross-over valves</li> <li>3/4" or 1" insulation</li> </ul>  |
| High Side   | <ul style="list-style-type: none"> <li>Coalescent oil separator with integral reservoir</li> <li>Discharge check valve</li> <li>Head pressure controls</li> <li>Horizontal or vertical receiver w/ dual pressure relief valves, remote mounted</li> <li>Receiver liquid level analog float or probe</li> <li>Factory-installed liquid filter drier</li> <li>Liquid line sight glass/moisture indicator</li> <li>Liquid loop piping</li> </ul> | <ul style="list-style-type: none"> <li>Heat reclaim</li> <li>Split condenser valves</li> <li>Horizontal receiver factory-installed to base frame under unit (unit height will increase)</li> <li>Heated receiver</li> <li>Insulated receiver and liquid lines</li> <li>Rupture discs and gauges</li> </ul>  |



Horizontal Edge™  
Front View



Horizontal Edge™  
Right Side View

