



## OptiCool RPC-020

Direct Expansion (DX) External Heat Rejection



**The OptiCool RPC-020 system manages cooling in a closet, server room, or data center where Direct Expansion (DX) cooling applications are required.**

The RPC-020 is a refrigerant pump system providing 20 kW of cooling capacity per system. The RPC-020 system has been designed to support up to 6 OptiCool Active Heat Extractor Units for cooling applications. The RPC-020 uses R-134a refrigerant for cooling electronic equipment – non-toxic, non-conductive and non-corrosive.

The RPC-020 is a system and requires other OptiCool products for effective heat transfer out of the room. Each RPC-020 requires an outdoor direct expansion unit.

### **The RPC-020 system unique features include:**

- Built-in and self-contained Refrigerant Distribution Network (RDN)
- Small indoor and outdoor footprint
- Scroll compressor with capacity control
- Variable speed outdoor fan motors

<b>External Heat Rejection</b>	Direct Expansion (DX)
<b>Max kW Capacity</b>	20 kW actual
<b>Max # AHX's</b>	6
<b>Header Option</b>	Internal/External
<b>Power Options</b>	120-230V, 1Ph, 60HZ
<b>Full Load Amps (FLA)</b>	120 VAC: 6A 208 VAC: 3A
<b>ODX Condensing Unit</b>	ODX-020
<b>ODX Power Options</b>	208V 1Ph or 3Ph
<b>Communication / Monitoring</b>	Modbus/RTU, BACnet/IP, Modbus/TCP-IP
<b>Heat Exchange</b>	R448A / R449A
<b>Weight</b>	375 lbs
<b>Dimensions</b>	15W x 36D x 77.2H