



## OptiCool RPW-020

Chilled Water External Heat Rejection



**The OptiCool RPW-020 system manages cooling in a closet, server room, or data center where chilled water is available.**

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

The RPW-020 is a system and requires other OptiCool products for effective heat transfer out of the room.

**The RPW-020 system unique features include:**

- Built-in and self-contained Refrigerant Distribution Network (RDN)
- Small indoor footprint
- Capacity control
- Supports up to 6 OptiCool AHX units

<b>External Heat Rejection</b>	Chilled Water
<b>Max kW Capacity</b>	20kW (up to 30kW with higher GPM)
<b>Chilled Water Flow Rate</b>	15 GPM
<b>Chilled Water Supply Temp</b>	45 F
<b>Pressure Drop Across the System At Full Open Valve (Max Capacity)</b>	10 PSI
<b>Chilled Water Delta T at Full Load</b>	12 F
<b>Max # AHX's</b>	6
<b>Header Option</b>	Internal/External
<b>Power Options</b>	120-230V, 1 Phase, 60HZ
<b>Full Load Amps (FLA)</b>	120 VAC: 6A 208 VAC: 3A
<b>Communication / Monitoring</b>	Modbus/RTU, BACnet/IP, Modbus/TCP-IP
<b>Heat Exchange</b>	Chilled water or glycol water
<b>Weight</b>	375 lbs
<b>Dimensions</b>	15W x 36D x 77.2H

\*Water capacity ratings and flow rates do not include glycol in water