



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

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

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