LIQUIDPULSE

COOLANT DISTRIBUTION UNIT

HRT-1400 CDU

NOMINAL SPECS

Cooling capacity	1400kW
Approach temperature	4 ˚C
System design pressure	72.5 psi
Available pressure drop	26psi

PRIMARY SIDE

Coolant media	Softened water
Rated flow	317 gpm
Process connections	4.5” tri-clamp

SECONDARY SIDE

Coolant medium	PG25
Rated flow	317 gpm
Max flow rate	475 gpm
Filtration level	50 µm
Process connections	4” tri-clamp

CONTROL AND COMMUNICATIONS

Control type	Temperature, pressure, flow rate.
Power redundancy	Dual AC and Dual DC power supply
Interface	10" Touchscreen HMI
Communication protocols	Modbus TCP/IP
Communication ports	RJ-45, RS-485

ALARMS AND MONITORING

Alarms	Pressure, temperature, level, flow, instrumentation failure, leakage, E-stop
Monitoring	Pressure, flow rate, fluid temperature, relative humidity and temperature, power

EQUIPMENT SPECIFICATIONS

Piping material	304SS
Process connections	4" tri-clamp
Base	Metal frame with built-in casters and forklift slots
Dimensions	900W x 1200D x 2200H (mm)

CERTIFICATIONS

UL Listed



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