

FLUID TO FLUID HEAT EXCHANGER



The fluid to fluid heat exchangers from BV Thermal Systems offer the advantage of using existing in-house water for heat removal and provide a clean stable, controlled closed-loop water cooling system. The heat exchangers are ideal when in-house water is either too cold, too dirty or does not have enough pressure to adequately support your water cooled equipment. By eliminating the problems associated with direct use of in-house water such as insufficient or fluctuating flow and changing pressure, the fluid to fluid heat exchangers from are the ideal low cost energy saving heat removal process.

Options available

Features

- 20,000 watts to 500,000 watts
- PIC Driven - no proprietary PC boards
- Auto-tuning PID controller
- Easy fill reservoir with 3" fill port
- Liquid filled pressure gauge in PSIG/kPA
- RoHS compliant
- 3" fill port with screw on top
- Pulsation dampener on solenoid circuit
- Reservoir drain with valve
- Liquid filled pressure gauge
- Corrosion free wetted surfaces
- Adjustable high & low temperature alarms
- Locking, non-marring casters
- RS-232 or RS-485 interface
- Alternate water pump
- Various voltages
- Flow switch
- Flow meter
- Supply water particulate filter
- High supply water temperature thermostat
- High supply water temperature thermostat and alarm
- NEMA 4x electrical enclosure & weather proofing measures

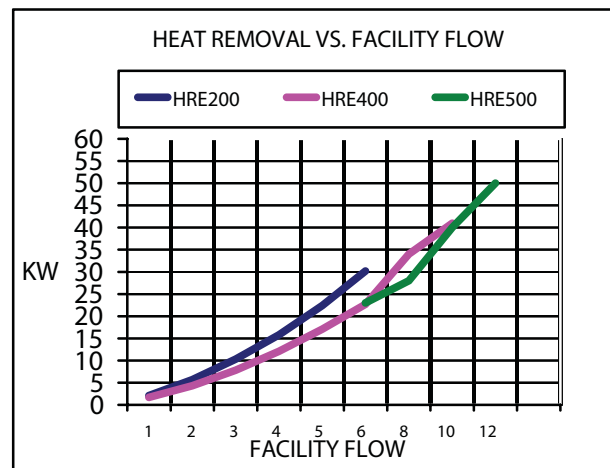
For a more complete list of options available, please contact us.

1064 Woodland Ave. Suite K
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Specifications

MODEL	HRE200	HRE400	HRE500	HRE1000
Cooling Capacity	20,000 watts @5°CΔ	40,000 watts @5°CΔ	50,000 watts @6°CΔ w/12 GPM supply	100,000 watts @10°CΔ w/15 GPM supply
Stability	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Temperature Range	5°C to +50°C	5°C to +50°C	5°C to +50°C	5°C to +50°C
Pump	2.2 GPM to 60 PSI	4.2 GPM to 60 PSI	7 GPM to 40 PSI	10 GPM to 40 PSI
Reservoir Volume	1.3 gal	1.3 gal	2 gal	2 gal
Dimensions (w x d x h) in	14.5 x 22 x 29	14.5 x 22 x 29	22 x 30 x 28.5	24 x 29.5 x 37
Power Requirements	115V, 5A	115V, 7A	200-230V, 10A	200-230V, 10A
Weight (lbs)	50	60	100	110



If you don't see a standard unit that works for your process, we have the ability to design, engineer and manufacture the unit you require for your process. If it's possible, we can do it

Other Units Available from BV Thermal Systems



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