



*Reaching New Heights*

## **TALL RACKMOUNT HEAT EXCHANGER**

www.BVThermal.com  
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 **BV  
Thermal  
Systems**  
Division of  **BUDZAR**  
INDUSTRIES, INC.

## *Tall Thinking*

Normally, small is best, but there are times when you just need to grow, and that is what we did with the Rackmount Fluid to Fluid Heat Exchanger. By extending the height when required, we are able to more fully accommodate the special needs you may have such as adding an additional heater, oversized plate style exchanger or extended tank size

Imagine the benefits for you. Instead of perhaps requiring two units, you will achieve the same results with just one unit and that not only saves space, it saves budget dollars.



## Redefining the Rackmount Heat Exchanger

- Maximizing Available Space
- Eco-Friendly with Energy Efficient Controls
- Easy Set-Up and Operation
- Accommodates Your Process Requirements



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## Standard Rack Mount Size Specifications

| MODEL                     | HRE200-19          | HRE400-19          | HRE500-19                          | HRE1000-19                           |
|---------------------------|--------------------|--------------------|------------------------------------|--------------------------------------|
| Cooling Capacity          | 20,000 watts @5°C△ | 40,000 watts @5°C△ | 50,000 watts @6°C△ w/12 GPM supply | 100,000 watts @10°C△ 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 60 PSI                    | 10 GPM to 60 PSI                     |
| Reservoir Volume          | .55 gal            | .55 gal            | .55 gal                            | .55 gal                              |
| Dimensions (w x d x h) in | 17 x 22 x 15.75    | 17 x 22 x 15.75    | 17 x 22 x 15.75                    | 17 x 22 x 15.75                      |
| Power Requirements        | 120V, 5A           | 120V, 7A           | 200-230V, 102A                     | 200-230V, 10A                        |
| Weight (lbs)              | 50                 | 60                 | 100                                | 110                                  |

## About BV Thermal Systems



Since 1980, BV Thermal Systems has produced recirculating chillers and heat exchangers. With a variety of models including standard temperature (5 – 35°C), low temperature (-40 – +30°C) and extended temperature (-40 – +160°C) as well as rack mounted chillers and heat exchangers. BV Thermal Systems has become a leader in temperature control.

The units manufactured by BV Thermal Systems are manufactured for longevity. We build our units to last, not just through the warranty, but for the life of your tool. In most cases our units are running for 20, 30 and sometimes even 40 years.