

RACK-MOUNTED CHILLERS



Mercury Rack-Mounted Chillers from BV Thermal Systems, Division of Budzar Industries, deliver chilling control with excellent accuracy. Standard features include the highest quality refrigeration and plumbing components in the industry – stainless steel evaporator/heat exchanger, hot gas bypass and fluid bypass/pressure regulating valve. Other standard features included are: Auto-tuning PID temperature controller, easy front fill reservoir and CFC free refrigerants along with unparalleled customer service.

Options available

- Analog Remote control of temperature controller
- RS-232 or RS-485 interface
- Return temperature display
- Phase monitor
- Resistivity meter
- Resistivity status
- Anti-flood back system
- Flow meter with flow control
- Positive displacement pump
- Magnetically coupled stainless steel pump
- Various voltages
- Various fluids ((glycol, water, fluorinated)
- NEMA 4x electrical enclosure & weather proofing measures

Features

- 500 watts to 1,764 watts
- PID temperature controller
- O-ring, hard brazed or welded connections
- Minimized thread seals
- Seamless reservoirs
- UL, CE & RoHS certifiable
- Separate electrical enclosure
- Din rail mounted components
- Powder coated paint
- Welded steel frame
- Adjustable fluid bypass line
- Thermal protection of pump motors via motor overload device
- CFC free refrigerants

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

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Specifications

MODEL	MC017-19	MC025-19	MC033-19	MC050-19
Cooling Capacity	500 watts @20°C	828 watts @20°C	1073 watts @-20°C	1764 watts @20°C
Stability	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Temperature Range	+5°C to +35°C	+5°C to +35°C	+5°C to +35°C	+5°C to +35°C
Pump	2.2 GPM to 60 PSI	2.2 GPM to 60 PSI	2.2 GPM to 60 PSI	2.2 GPM to 60 PSI
Reservoir Volume	.075 gal	.075 gal	.075 gal	.075 gal
Dimensions in" (w x d x h)	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, 6A	120V, 8A	120V, 9A	120V, 15A
Weight (lbs)	60	68	68	79

