

# BENCHTOP CHILLERS



Benchtop Chillers from BV Thermal Systems, Division of Budzar Industries, are easy to set-up and run in addition to delivering chilling control with excellent accuracy. Found in laboratories worldwide, the benchtop chillers are designed for use with rotary evaporators, vacuum systems, spectrometers, medical laboratories, lasers, university laboratories and other analytical instrumentation. Known for their low maintenance requirements, our Benchtop Chillers are the answer when accurate temperature control is required and space is at a premium.

## Options available

- PLC Driven - no proprietary PC Boards
- Touch Screen Control with Safety Package
- RS-232 or RS-485 interface
- Return temperature display
- Various voltages
- Resistivity meter
- Resistivity status
- Solenoid controlled anti-flood back system
- Auto fill with redundant safety ports for supply and return
- Pressure regulating valve
- Positive displacement pump
- Centrifugal type pump
- Magnetically coupled stainless steel pump

## Features

- Space Saving Design
- Adjustable High and Low Temperature Alarms
- Full featured PID controller with Easy Auto Tuning
- External Pressure - flow Adjustment
- Corrosion free wetted surfaces
- PLC Driven - no proprietary PC Boards
- Hot Gas Bypass Valve
- Stainless Steel Heat Exchanger
- Remote Status Signal
- O-Ring Seal Fittings
- Seamless polyethylene Tank with easy fill 3" Port
- Refrigerant Receiver with Access Valve
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For a more complete list of options available, please contact us.

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MODEL	BTC-025	BTC-C033	BTC-050	BTC-075
Cooling Capacity	861 watts @ 20°C	1119 watts @ 20°C	1702 watts @ 20°C	2681 watts @ 20°C
Stability	±0.1°C			
Temperature Range	+5°C to +27°C			
Pump	2.0 GPM to 99 PSI			
Reservoir Volume	2 gal			
Dimensions (w x d x h) in	17 x 22 x 15.75			
Power Requirements	115V, 9A	115V, 12A	200-230V, 8A	200-230V, 10A
Weight (lbs)	130	130	142	180



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