

# THERMOCUBE II

Introducing the next generation of our legendary chiller



Everything customers love about the original ThermoCube plus

- Added software features
- Redesigned power subsystem for even longer life
- Quieter variable speed fan now standard
- Plug and play replacement for older ThermoCubes

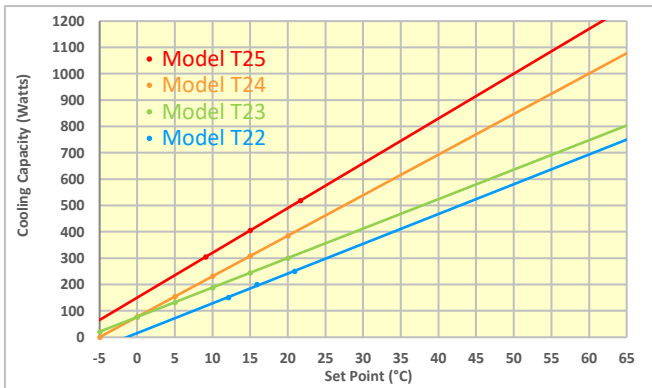
# The Right Temperature Without Fail



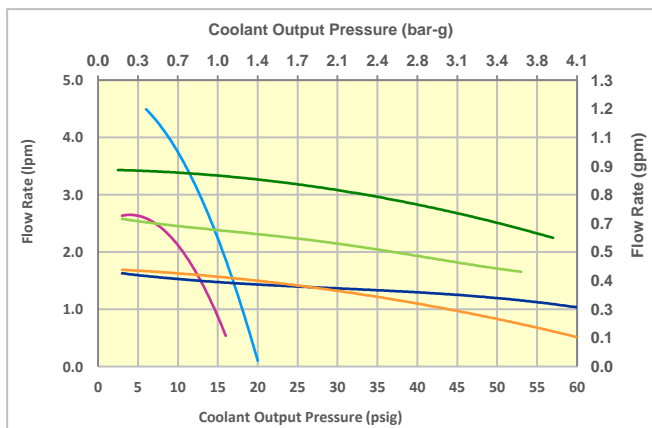
Featuring a new backlit display

## ThermoCube II cooling capacity

Performance measured at 20°C ambient temperature



## ThermoCube II pump curves



- 1D 1 lpm Diaphragm Pump
- 1G 1 lpm Gear Pump
- 1C Centrifugal Pump
- 2G 2 lpm Gear Pump
- 1CL Centrifugal Pump
- 3G 3 lpm Gear Pump

## The Legacy Continues

With over 34,000 units sold ThermoCube is globally recognized for its compact size, ease of use, world class reliability. Utilizing thermoelectric technology, these recirculating chillers offer precise ( $\pm 0.05^\circ\text{C}$ ) temperature control with no compressors or harmful refrigerants. ThermoCube II is identical in size and offers all the same configuration options as the original ThermoCube, with a more powerful controller and a redesigned power architecture for even longer life. Popular configurations such as variable speed fan, auto restart and RoHS compliance are now standard on all models. Communications options now include RS232, RS485 and Ethernet.

### SPECIFICATIONS

Operating Range	5°C to 50°C standard Down to -5°C with LT option Up to 65°C with HT option
Ambient Temperature	10°C to 40°C non-condensing
Stability/Repeatability	$\pm 0.05^\circ\text{C}$ at constant load
Cooling Capacity	200-500 watts @ 20°C (20°C ambient) depending on configuration
Noise (a 1 meter)	<50 dBA at 50% load <63 dBA at 100% load
Process Fluid Fittings	1/4" or 3/8", John Guest, CPC, APC, swage or FNPT
Pump Types	Diaphragm, Centrifugal or Gear pumps
Pump Flow Rate	(see pump curves)
Tank Volume	300 ml with level sensor
Wetted Materials	Aluminum, Copper or Stainless Steel cold plate with compatible materials
Size (L x W x H)	13" x 11" x 13" (33 x 28 x 33 cm)
Weight	28 lbs (12.7 kg)
Universal Power Input	100-240 VAC, 50/60 Hz,
Communications	Keypad, RS232, RS485 or Ethernet
Alarms	Temperature, fluid level, system or component failure
Standards	TUV listed to UL, CAN/CSA and EN 61010-1, CE 61010-1, RoHS
Warranty	2 years

## Solid State Cooling Systems