THERMOCUBE II 650

New ThermoCube II model with 30% more capacity

650 Watts of cooling capacity

- Available with all the standard ThermoCube II options
- Same height and width as other ThermoCube models
- Variable Speed Fan and Auto Restart now standard
- Added more powerful 5 lpm (5G) gear pump option

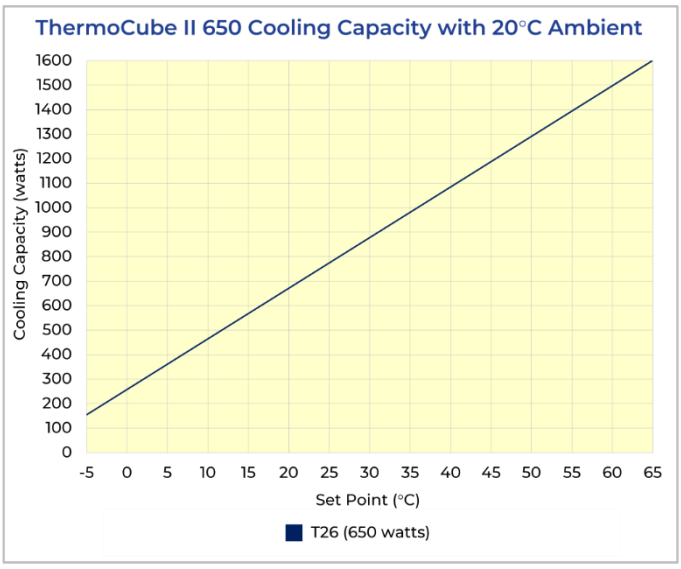
Solid State
COOLING SYSTEMS
*Temperature Control...***Precisely.**

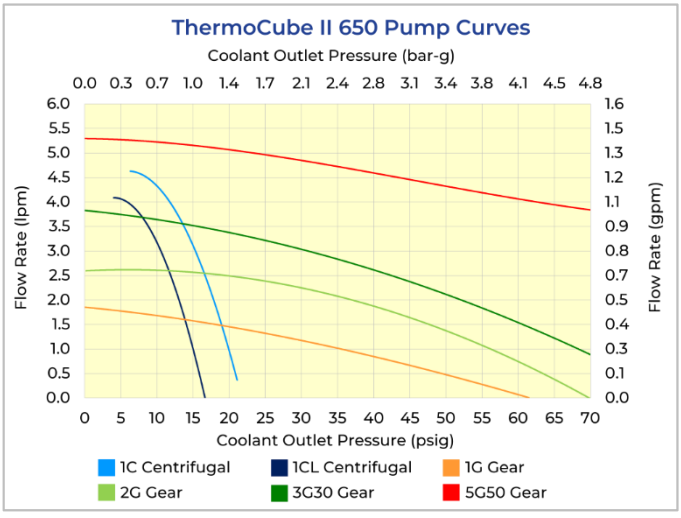
The Right Temperature Without Fail

Only 1.5 inches deeper than other models

Even More Cooling Capacity

With over 35,000 units sold, ThermoCube is globally recognized for its compact size, ease of use, world class reliability. Utilizing thermoelectric technology, these recirculating chillers offer precise (±0.05°C) temperature control with no compressors or harmful refrigerants. ThermoCube II 650 uses the same design architecture as other ThermoCube II models with a redesigned power subsystem, more powerful controller, and additional software features. This new model provides 30% more cooling capacity than the prior highest capacity ThermoCube model. Communications options now include RS232, RS485, Ethernet and TTL.





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	±0.05°C at constant load
Cooling Capacity	650 watts @ 20°C (20°C ambient) with aluminum cold plate
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	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 (W x L x H)	11” x 14.5” x 13” (28 x 37 x 33 cm)
Weight	33 lbs (15 kg) drained
Universal Power Input	100-240 VAC, 50/60 Hz,
Communications	RS232, RS485, Ethernet, and TTL
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

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