

T257P

210 Watt Thermoelectric Chiller

1-877-242-3232 (toll free)
www.thermotekusa.com

The new **T257P** thermoelectric recirculating chiller from ThermoTek is our newest offering in our high performance line of solid state chillers. This new peltier chiller is the next generation design of our industry renowned T255P chiller and has both pump performance and design improvements over the T255P. The **T257P** provides up to **210 watts** of cooling and has a **21.75 psi** variable-drive centrifugal pump. It also has integrated Fan-Speed Control and boasts a user-friendly touch-screen interface as well as RS-232 and USB connectivity. Coupled with a 12% reduction in size and 20% reduction in weight, and designed with the same ThermoTek reliability and performance you have come to expect, this chiller will satisfy your most demanding cooling applications.



FEATURES

- 210 Watts cooling capacity
- 21.75 psi/4 LPM variable drive centrifugal pump
- Integrated Fan-speed control
- Weighs only 17 lbs (7.7 kg)
- Touch-screen interface
- Low noise and vibration
- Integrated carry handle
- Universal power supply
- Leak-free QD fittings
- USB and RS-232 connectivity

SYSTEM PERFORMANCE

- **Thermal Performance:** up to 210 Watts cooling @ 0° DT
- **Stability:** +/- 0.1°C @ >= 2.0 LPM flow at constant load & constant ambient temp
- **Flow Rate Availability:** up to 4.0 LPM (open flow water)
- **Pressure Availability:** up to 1.5 Bar (21.75 psi) max pressure
- **Temperature Range:** -5°C to +45°C
- **Input Voltage:** 100 - 240 VAC 50/60 Hz
- **Input Power:** 600 Watts max



ThermoTek™

1200 Lakeside Parkway, Flower Mound, TX 75028



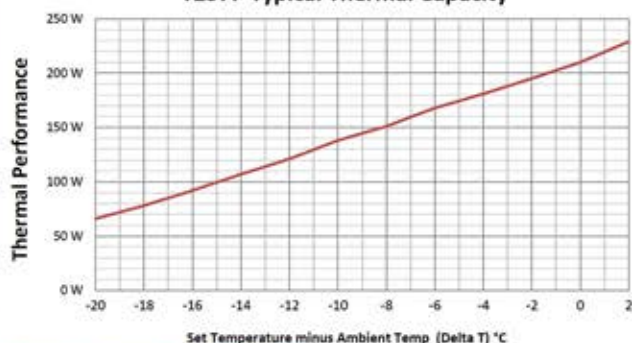
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T257P

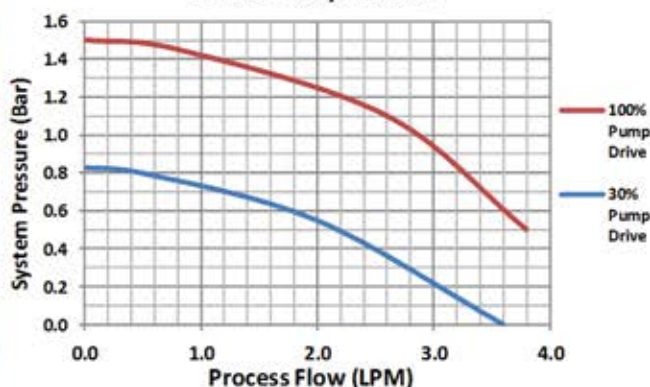
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T257P Typical Thermal Capacity



T257P Pump Curves



Model #	T257P-20
Cooling Capacity (at 0° Delta T)	210 watts (730 Btu/hr)
Pump Pressure (max)	1.5 bar (21.75 psi)
Pump Max Flow rate	4.0 LPM
Pump Type	Variable Drive Centrifugal (Pump Drive Settable from 30% - 100%)
Temperature Stability	+/- 0.1°C
Temperature Range	-5° to +45°C
Communication	RS-232 & USB
Heating Capability	Yes
Input Voltage	100-240 VAC 50/60 Hz
Max Input Power	600 watts
Noise Level	65 dBA* (55 dBA)**
Dimensions	12.2" x 7.125" x 13.4"
Weight	17 lbs (7.7 kg)

Mating quick disconnect male fittings for use with 3/8" ID tubing included.

*Integrated Fan Speed Control disabled and Pump Drive set to 80%

**Integrated Fan Speed Control active and Pump Drive set to 80%



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