

TRack edge

Low cost, high performance 19" Rackmount
300 Watt thermoelectric chiller



Key Features

- Optimized for cost vs. performance
- 300 Watts of cooling capacity
- Reliable, compact, quiet and energy efficient
- Available with standard Centrifugal Pump or optional 3 lpm Gear Pump

The Right Temperature Without Fail

Solid State Cooling Systems

TRack edge



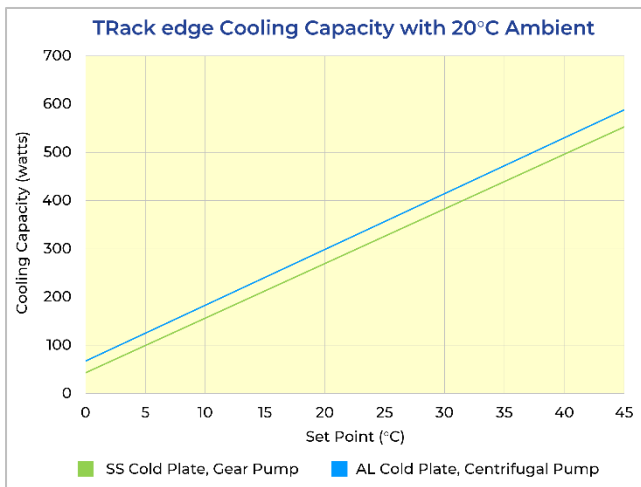
Precise, compact and quiet

Our new TRack edge thermoelectric, 19" rack-mount thermoelectric recirculating chiller has been optimized for cost-performance. Building on more than twenty years of leadership in thermoelectric technology, these systems offer precise temperature control ($\pm 0.1^\circ\text{C}$ repeatability) with 265 to 300 Watts of cooling capacity.

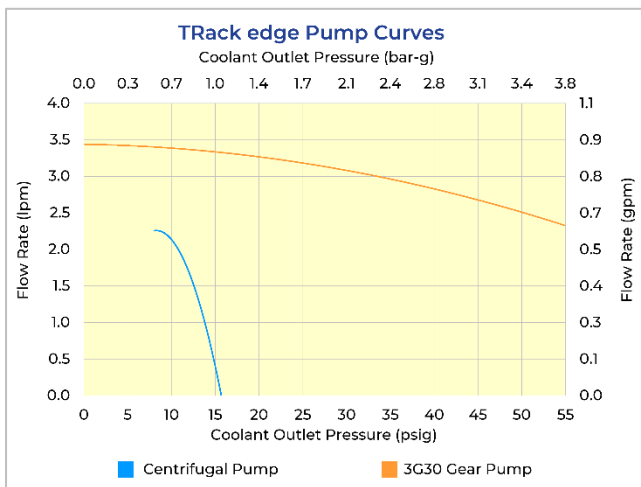
As with our other products, TRack edge is designed for long-life reliability, quiet operation and environmental friendliness. Using universal input power our chillers are very energy efficient only drawing power when required. To ensure compatibility with the system under control, the system is available with either aluminum or stainless steel wetted materials

Contact us for more information.

TRack edge Cooling Capacity



TRack edge pump curves



Note: This product is still undergoing final Beta Customer testing, so specifications are subject to change.

SPECIFICATIONS

Operating Range	2°C to 45°C
Ambient Temperature	10°C to 40°C non-condensing
Stability / Repeatability	$\pm 0.1^\circ\text{C}$ at constant load
Cooling Capacity	265-300 Watts @ 20°C (20°C ambient) depending on configuration
Noise (a 1 meter)	<63 dBA at 100% load (Variable speed fan planned)
Process Fluid Fittings	1/4" valved CPC or 1/4" swage
Pump Type	Centrifugal or Gear Pump
Pump Flow Rate	Centrifugal: ~3 lpm @ 10 psig Gear Pump: 3 lpm @ 30 psig
Tank Volume	1 liter with level sensor
Wetted Materials	Aluminum or Stainless Steel cold plate with compatible materials
Size (W x D x H)	19" x 16" x 7" 4U (48 x 41 x 18 cm)
Weight	28 lbs (12.7 kg)
Universal Power Input	100-240 VAC, 50/60 Hz, 4.5-1.9A max
Communications	Keypad or RS232 interface
Alarms	Temperature, fluid level, system or component failure (display or RS232)
Standards	RoHS compliant, TUV listed to UL and CE Pending
Warranty	2 years

SOLID STATE COOLING SYSTEMS