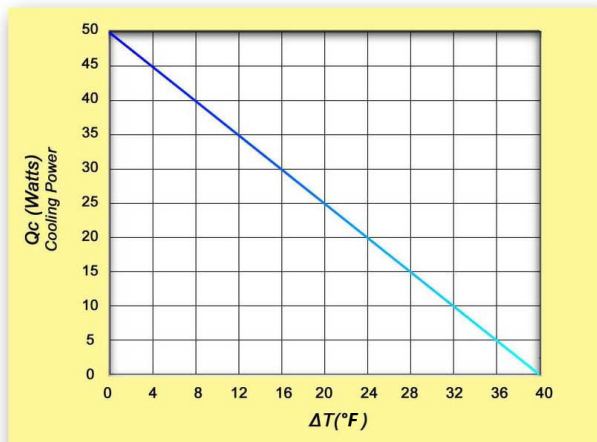




UNIT CODE	DESCRIPTION
TCP50	COLD PLATE ( <i>Plate-to-Air Heat Exchanger</i> )

SPECIFICATIONS			
Voltage	Current	Cooling Capacity $Q_{max}$	Maximum Delta T $\Delta T_{max}$
12 Volts	6.8 Amps	50 Watts	40 °F

**TCP-50 PERFORMANCE CURVE**



**\$ 295.00**

The ElectraCOOL™ TCP50™ cold-plate is a powerful, compact, easy to use, highly reliable and affordable instrument.

Designed for operation from a separate 12V DC source TCP50™ will cool from 70°F (22°C) to freezing in ten minutes or less. May also be used to warm to +150°F (66°C). TCP50 can be connected to a temperature controller (left) if you require control.

- Cooling Capacity = 50 watts (see curve)
- Heating Capacity = 70 watts
- Voltage Nominal = 12 VDC
- Voltage Max = 15 VDC
- Current at 12V DC = 6.8 amperes
- Operating Ambient Temp. Range= -10°F to +175°F
- Control Accuracy = ± 0.1°F (with TLK38-S)
- Dimensions: 4" x 4" x 3 3/4"
- Weight: 1 lbs, 15 oz.

Get a TCP50™ set. **\$ 499.00**

Simply plug-in and your TCP50™ cold-plate is ready work. The default set-point is 4°C (39°F) but we can program and calibrate to other temperatures. TCP50™, power supply and TLK38-S temperature controller.

**Optional Assesories for TCP-50**

**TLK38-S FERR** Temperature Controller with PID  
 User Manual: [electracool.com/TLK38S-Manual.pdf](http://electracool.com/TLK38S-Manual.pdf)



**\$199**  
 with NTC sensor  
 (-50 to +150 °C  
 operational range)

**PS150W-12V** 150 Watt Power Supply Single Output, Universal AC Input.

Data sheet: [electracool.com/PS150-12.pdf](http://electracool.com/PS150-12.pdf)



**\$74.50**  
 with 3-prong  
 power cord

toll-free: 1.866.665.5434 603.888.2467 sales@electracool.com