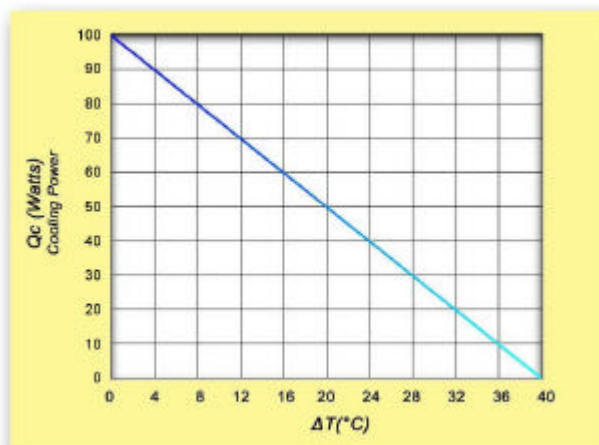


UNIT CODE	DESCRIPTION
TCP-100	COLD PLATE ( <i>Plate-to-Air Heat Exchanger</i> )

SPECIFICATIONS			
Current @ 12V	Nominal Voltage	Cooling Capacity $Q_{max}$	Maximum Delta T $DT_{max}$
<b>13.3 Amps Max</b>	<b>12V DC</b>	<b>100 Watts (341 Btu/h)</b>	<b>40 °C</b>

### TCP-100 PERFORMANCE CURVE



Our new TCP-100 Cold Plate features a 4 x 8 inch working surface in a compact, easy to use, highly reliable and affordable package. Designed for operation from a separate 12V DC source, it can be used within moments of delivery.

TCP-100 can be connected to our TLZ10 controller (left) if you require precise temperature control. Place multiple units together for longer or wider surface area.

Operating Temperature Range = -15°C to +75°C  
 Cooling Capacity = 100 watts @ 25 °C ambient  
 Heating Capacity w/25°C ambient air = 100 watts  
 Voltage Nominal = 12V DC (Max = 15V DC)  
 Current at 12V D.C. = 8.5 amperes  
 Control Accuracy = + 0.1 °C  
 Cooling Fan = Brushless, Nominal 12 V D.C.  
 Fan life expectancy at 25°C ambient is 50,000 hours  
 Dimensions: 4" x 8" x 3 5/8"  
 Weight: 4 lbs. 4 oz.  
 85 watt Quiet (2 <37dB fans) version available

Our special introductory price is just \$245-

Get one of each: TCP-100, TLZ10 and PS200W12V for \$549-

### Optional Assesories for TCP-100

#### TLZ10 Single Set Point Temperature Controller

Data sheet: [electracool.com/TLZ10.pdf](http://electracool.com/TLZ10.pdf)  
 User Manual: [electracool.com/TLZ10Manual.pdf](http://electracool.com/TLZ10Manual.pdf)



**\$199.00** with NTC probe (-50 to +150C operational range)

Qty 10+  
**\$182.50** each

#### PS200W-12V MeanWell 200 Watt Power Supply with active Power Factor Correction

Data sheet: [electracool.com/PS-200-12.pdf](http://electracool.com/PS-200-12.pdf)



**\$ 149.50** each

Qty 10+  
**\$ 132.00** each

All specifications, data and drawings are subject to change without notice Rev: 10/06