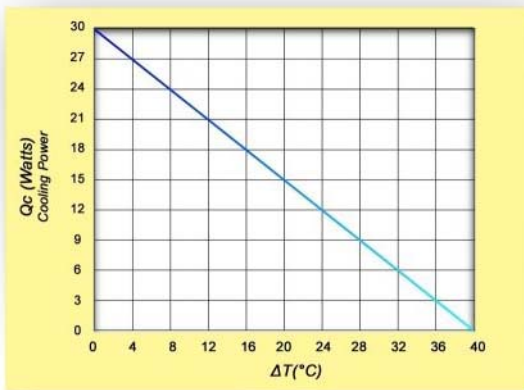




UNIT CODE	DESCRIPTION
TCP-30	COLD PLATE ( <i>Plate-to-Air Heat Exchanger</i> )

SPECIFICATIONS			
Current $I_{max}$	Voltage $V_{max}$	Cooling Capacity $Q_{max}$	Maximum Delta T $\Delta T_{max}$
4.2 Amps	12 Volts	30 Watts	40 °C

### TCP-30 PERFORMANCE CURVES



**WITH A FOUR INCH SQUARE SURFACE OUR TCP-30 COLD PLATE IS EFFICIENT, COMPACT, EASY TO USE, HIGHLY RELIABLE AND AFFORDABLE. DESIGNED FOR OPERATION FROM A SEPARATE 12V DC SOURCE, IT CAN BE USED WITHIN MOMENTS OF DELIVERY.**

Operating Temperature Range = -5°C to +75°C  
 Cooling Capacity = 30 watts @ 25 °C ambient  
 Heating Capacity w/25°C ambient air = 55 watts  
 Voltage Nominal = 12V D.C.  
 Voltage Max = 15V D.C.  
 Current at 12V D.C. = 4.2 amperes  
 Control Accuracy = + 0.1 °C  
 Cooling Fan = Brushless, Nominal 12 V D.C.  
 Fan life expectancy at 25°C ambient is 50,000 hrs.  
 Dimensions: 4" x 4" x 3 3/4" (100x100x95 mm)  
 Weight: 1 lb., 15 oz. (0.9Kg.)

TCP-30 can be connected to our temperature controller (left) if you require temperature control.

**OUR NEW "TCP-30" COLD PLATE IS AVAILABLE NOW AND JUST \$139.95-**

**... ONLY \$125- EACH IN QUANTITIES OF 10.**

**GET ONE OF EACH:  
TCP-30, TLZ10 AND PS100W FOR \$399-**

### OPTIONAL ASSESORIES FOR TCP-30

#### 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)



**\$185.00** with NTC probe (-50 to +150C operational range)

Qty 10+  
**\$167.50** each

#### PS100W-12V MeanWell 100 Watt Power Supply

Data sheet: [electracool.com/PS100W-12V.pdf](http://electracool.com/PS100W-12V.pdf)



**\$ 87.00** each

Qty 10+  
**\$ 73.55** each

All specifications, data and drawings are subject to change without notice Rev: 8/06