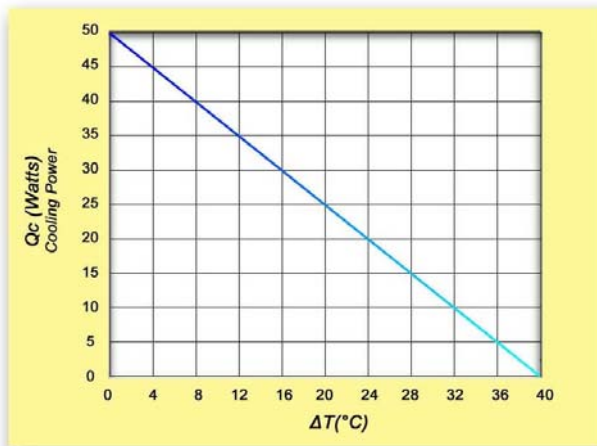


UNIT CODE	DESCRIPTION
TCP-50	COLD PLATE (<i>Plate-to-Air Heat Exchanger</i>)

SPECIFICATIONS			
Current I_{max}	Voltage V_{max}	Cooling Capacity Q_{max}	Maximum Delta T ΔT_{max}
6.8 Amps	12 Volts	50 Watts	35 °C

TCP-50 PERFORMANCE CURVE



TCP-50 Cold Plate is powerful, 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. Will cool from 70°F to freezing in ten minutes or less. May be used to warm to +150°F. TCP-50 can be connected to our temperature controller (left) if you require control.

Operating Temperature Range=-10°C to +75°C
 Cooling Capacity = 50 watts @ 25 °C ambient
 Heating Capacity w/25°C ambient air = 80 watts
 Voltage Nominal = 12V D.C.
 Voltage Max = 15V D.C.
 Current at 12V D.C. = 6.8 amperes
 Control Accuracy = + 0.1 °C
 Dimensions: 4" x 4" x 3 3/4"
 Weight: 1 lbs, 15 oz.

Optional Assesories for TCP-50

TLZ10 Single Set Point Temperature Controller

Data sheet: electracool.com/TLZ10.pdf



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

PS145W-12V 145 Watt Power Supply Single Output, Universal AC Input.

Data sheet: electracool.com/PS145-12.pdf



\$ 69- each with 5ft black 3-prong cord

TCP-50 is \$149.95

Get a set for \$379.95

1 each: TCP-50, TLZ10 and PS145W12V