



**Firefly 6™**

Technical Data Sheet

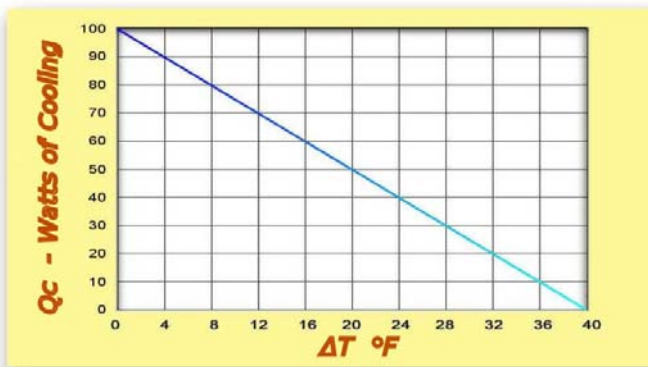
Thermoelectrically Air Conditioned Enclosure (TACE™)

Model: TACE™ 100W 14x12x7

UNIT CODE	DESCRIPTION
TACE™ 100W 14x12x07	NEMA 4X (IP55) Air Conditioned Weatherproof Enclosure

SPECIFICATIONS			
Current $I_{max}$	Voltage $V_{max}$	Cooling Capacity $Q_{max}$	Maximum Delta T $\Delta T_{max}$
<b>14 Amps</b>	<b>12 Volts</b>	<b>100 Watts</b>	<b>40 °F</b>

**TACE 100W 14x12x7 PERFORMANCE CURVES**



**OPTIONAL ASSESORIES FOR TACE 100W**



**3/4" Disc Thermostat** - Close On-Rise (normally open) ON at 90°F - OFF at 70°F  
1+ \$15.00 10+ \$12.50



**Z31-A** is a compact (1/16<sup>th</sup> DIN) single setpoint temperature controller. Set to cool or heat. Carries up to 16 amps. Includes 5 ft. NTC sensor. 1+ \$169.00 10+ \$157.50



**Pole Mounting Kits** Available for 1-1/4" to 2" (31.7mm to 50.8mm) or 2" to 4" (50.8mm to 101.6mm) diameter poles. For telephone and larger diameter poles, slots are provided in the rails for 1/2" (12.7mm) worm drive clamps.



Various AC-to-DC **power supplies** are available to power this unit. Keep the power supply out of the enclosure if possible to minimise the amount of heat to extract. Contact us for options.

Additional options available including mounting plates and waterproof glands to pass wire/s through walls. See full brochure:

[electracool.com/ff141207brochure.pdf](http://electracool.com/ff141207brochure.pdf)

**Air Conditioned Weatherproof Enclosure - NEMA 4x (IP55)**

Two 50 Watt air conditioners provide 100 Watts of active cooling without compressors or gasses.

This box is a rugged weatherproof enclosure that is ideal for both indoor and outdoor applications such as Wireless LAN, Wi-Fi and Wi-Max Hotspots or other comms equipment, Rapid Deployment Installations, surveillance, data acquisition, remotely controlled equipment, city/campus networks and any other application where equipment may overheat.

Constructed from molded fiberglass reinforced polyester, it is well suited for high temperature or corrosive environments. The mounting flange allows it to be wall mounted out of the box or pole mounted with optional kits. The fully gasketed raised lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps.

Operating Temp. Range= 15 to 158°F (-10 to +70°C)  
Cooling Capacity = 100 Watts @ 25°C ambient  
Heating Capacity w/25°C ambient air =150 Watts  
Voltage Nominal = 12V D.C. (Max = 15V D.C.)  
Current at 12V D.C. = 14 amperes Max  
Dimensions: 15.5 x 13.5 x 7.7 inches (39.3 x 34.2 x 19.5 cm) Weight: 9.0 lbs (4.1 kg)

**\$749.95 each and just \$699.95 at 10+**