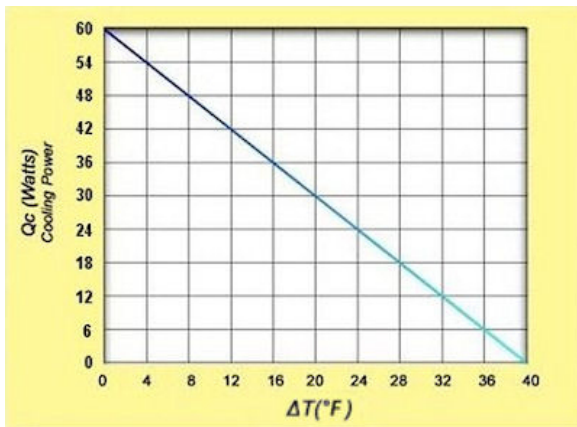




UNIT CODE	DESCRIPTION
TAC-60	Thermoelectric Air Conditioner

SPECIFICATIONS			
Current $I_{max}$	Voltage $V_{max}$	Cooling Capacity $Q_{max}$	Maximum Delta T $\Delta T_{max}$
7.2 Amps	12 Volts	60 Watts	40° F

**TAC-60 performance curve**



**COMPACT THERMOELECTRIC AIR CONDITIONER FOR ENCLOSURES**

With a 4 inch square (100mm) footprint and 60 Watts (204 Btu/hour) of capacity this small package can fit on almost any electronics enclosure or control panel. Multiple units can be connected together to increase cooling capacity.

The TAC60 can be connected to our Z31-A temperature controller (left) for cooling or warming.

Operating Temperature Range = -15°C to +75°C  
 Cooling Capacity = 60 watts @ 25 °C ambient  
 Heating Capacity w/25°C ambient air = 84 watts  
 Voltage Nominal = 12V D.C. (Max = 15V D.C.)  
 Current at 12V D.C. = 7.2 amperes  
 For use indoors only - IP Rating: 20

Dimensions: 4" x 4" x 6 5/8"  
 Weight: 3 lbs. 8 oz.

\$225 each (\$199.50 at 10+)

Get a set for \$459  
 1 each: TAC60, Z31-A and PS150W12V

[Click for more information](#)

**Optional Accessories for TAC60**

**Z31-A** Single Set Point Temperature Controller

Data sheet: [electracool.com/Z31A.html](http://electracool.com/Z31A.html)



**\$169.00** with NTC probe (-50 to +150C 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)



**\$ 99.00**  
 Includes 3-prong cord



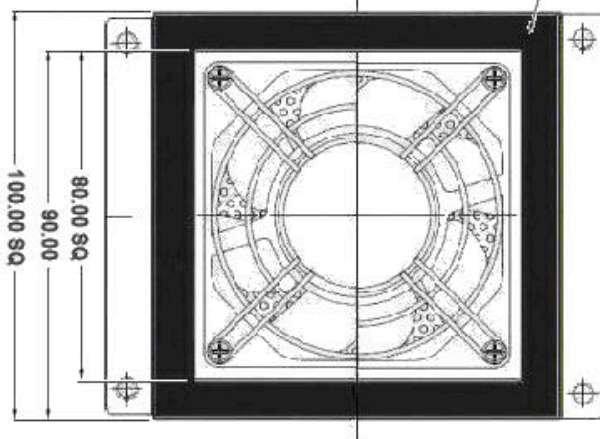
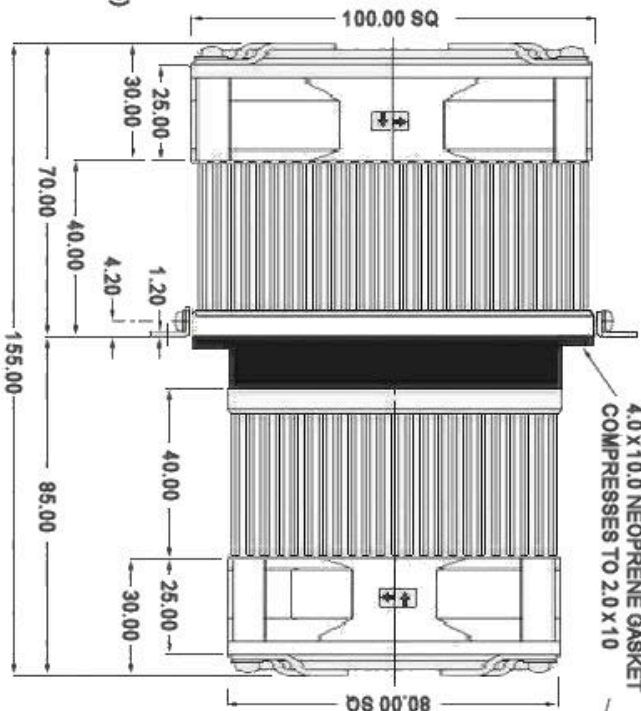
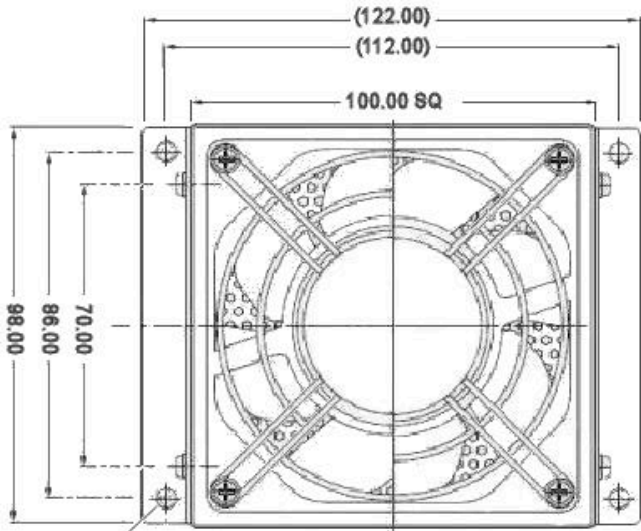
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REVISIONS		DRAWING PIU8GTT EFFECTIVE 12-1-15	
DCP #	REV	DESCRIPTION	
	A	ORIGINAL ILLUSTRATION	

HOT-SIDE  
MOUNT OUTSIDE

TAC-60 TECHNICAL ILLUSTRATION

COLD-SIDE  
MOUNT INSIDE



PART NUMBER	DESCRIPTION
TAC-60	IP20 THERMOELECTRIC AIR CONDITIONER
TAC60-E	IP55 THERMOELECTRIC AIR CONDITIONER

NOTES: UNLESS OTHERWISE SPECIFIED  
 INTERPRET DRAWING IN ACCORDANCE WITH MIL-T-3100  
 DIMENSIONS ARE METRIC IN MILLIMETERS AND FOR REFERENCE PURPOSES ONLY.  
 HEATSINKS ARE 6063 ALUMINUM WITH A CLEAR ANODIZED FINISH  
 FANS ARE MEDIUM SPEED, IP 20 DC BRUSHLESS - TAC60-E HOT-SIDE FAN IP55 RATED  
 BREAK AND DEBURR ALL SHARP EDGES  
 TAC-60 IS FOR USE IN A CLEAN, DRY ENVIRONMENT  
 TAC60-E IS ENVIRONMENTALLY PROTECTED AND MAY BE USED OUTSIDE



DISCLAIMER: ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN, ARE BASED IN INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AN RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

TOLERANCES:  
 UNLESS OTHERWISE SPECIFIED,  
 DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY

DRAWING TITLE:		DRAWING TITLE:	
DRAWN BY:	DATE:	TAC-60 (E) THERMOELECTRIC AIR CONDITIONER ILLUSTRATION	
WK	12-1-15		
CHECKED BY:	DATE:	SIZE	DWG. NO.
JP	12-1-15	A	PIU8GTT
ATE:		SCALE:	U.O.M.: mm
		NTS	
		SHEET:	1 OF 1
		ELECTRONIC FILE	REV
			A