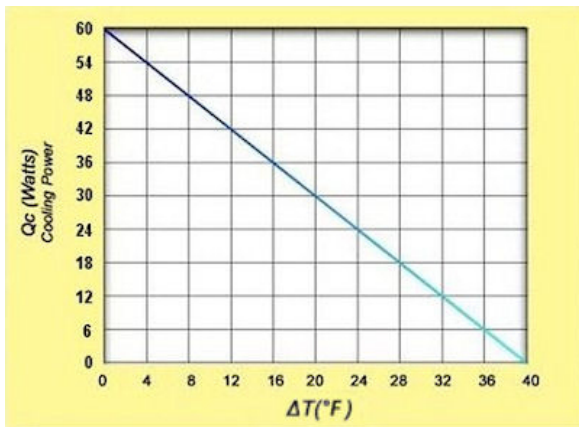




UNIT CODE	DESCRIPTION
TAC-60	Thermoelectric Air Conditioner

SPECIFICATIONS			
Current I_{max}	Voltage V_{max}	Cooling Capacity Q_{max}	Maximum Delta T ΔT_{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.

\$199 each (\$187.50 at 10+)

Get a set for \$399
 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



\$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



\$ 69.00
 Includes 3-prong cord



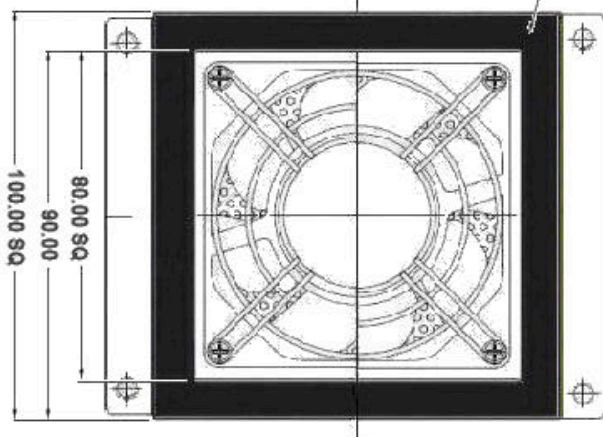
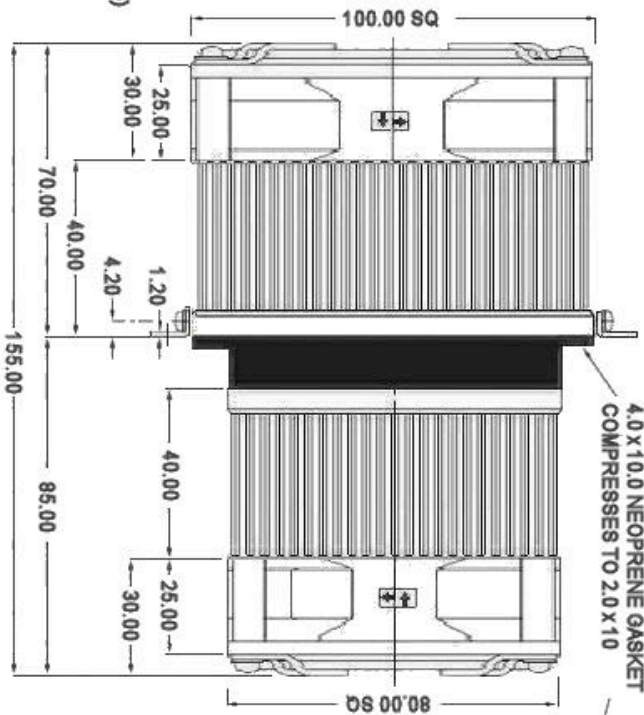
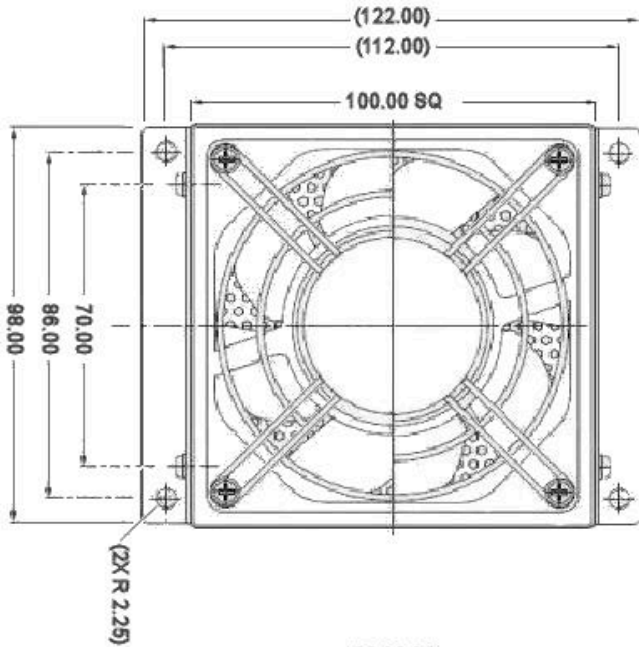
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REVISIONS		DRAWING PIU8GTT EFFECTIVE 12-1-15	
DCP #	REV	DESCRIPTION	DATE
A		ORIGINAL ILLUSTRATION	12/1/15

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

DRAWN BY:	DATE:
WK	12-1-15
CHECKED BY:	DATE:
JP	12-1-15
ATE:	

DRAWING TITLE:	SCALE:	U.O.M.:	SHEET:	OF:
TAC-60 (E) THERMOELECTRIC AIR CONDITIONER ILLUSTRATION	NTS	mm	1	1

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	PIU8GTT		A