

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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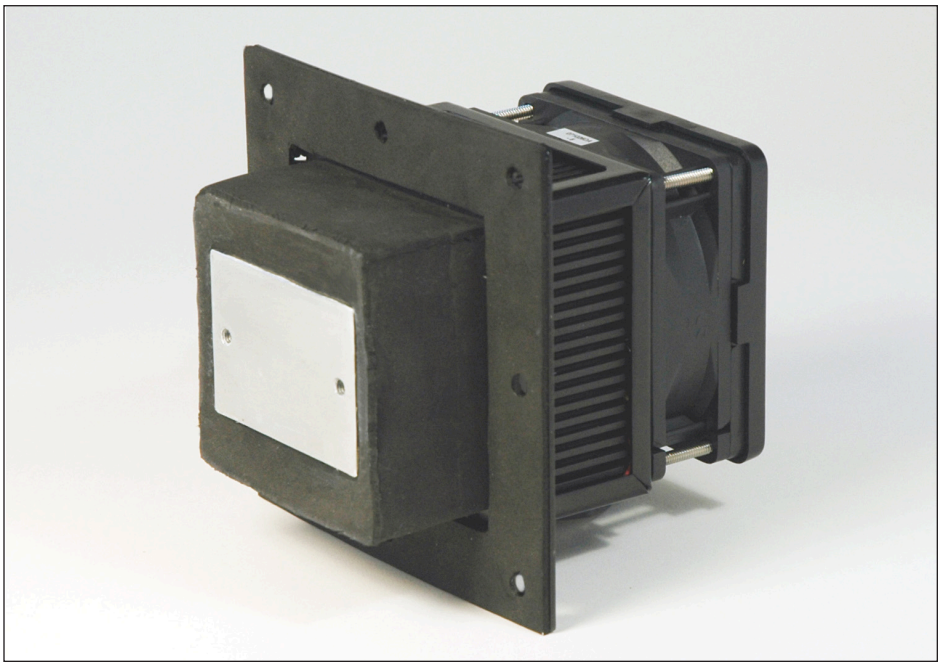
1462 International Drive • Traverse City, Michigan 49686 • 231-947-0110 • fax 231-947-5821 • www.tellurex.com

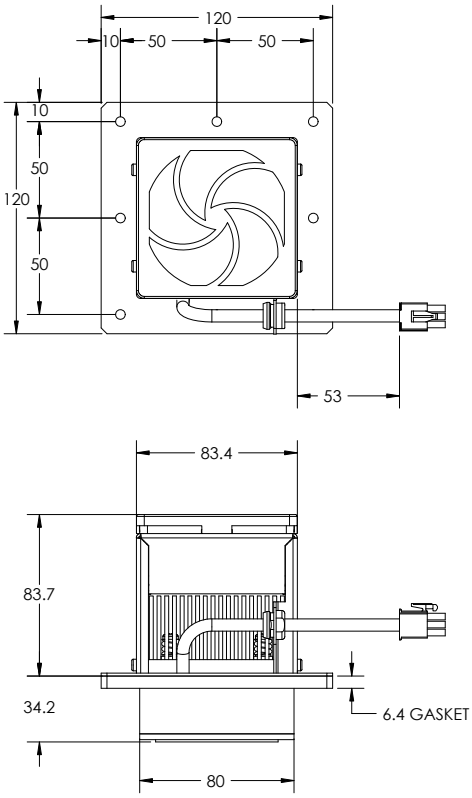
TELLUREX CORPORATION

The Performance Leader in Thermoelectric Technology

ISO 9001:2000

C30 Thermoelectric Cold Plate





Note: *All dimensions in mm*

Features: The C30 packs unparalleled capacity in a very small footprint. The compact C30 can accommodate enclosures having 1 inch (25.4mm) of insulation. Incorporating our high-performance Z-Max® thermoelectric module with the added moisture protection of Z-Coat™, this unit offers robust construction that will provide years of service. Easy to install, the unit comes pre-wired for a Tellurex power supply, controller, and/or both.

Capacity Rating:	30 Watts, 102 BTU/HR, @25°C ambient, 0°C DeltaT
Exposure:	Only an 85 mm cube is exposed after installation
Applications:	Direct contact cooling
Power:	12 VDC, 5.8A, 70W (@25°C)
Weight:	912 grams (2.0 lbs.)
Ambient Operating Range:	-10°C to 70°C:
Materials:	Powder coated frame, anodized aluminum heat sink, stainless steel fasteners
Mounting:	82mm opening hole, through-mount, gasketed, and mounts in any position (condensation may need consideration in certain applications)
Connections:	Pre-wired w/connector for Tellurex power supply and controller. RTD temperature sensor provided standard (10K@25°C)
Maintenance:	Virtually maintenance-free (air filter cleaned occasionally),
Enclosure:	NEMA 12

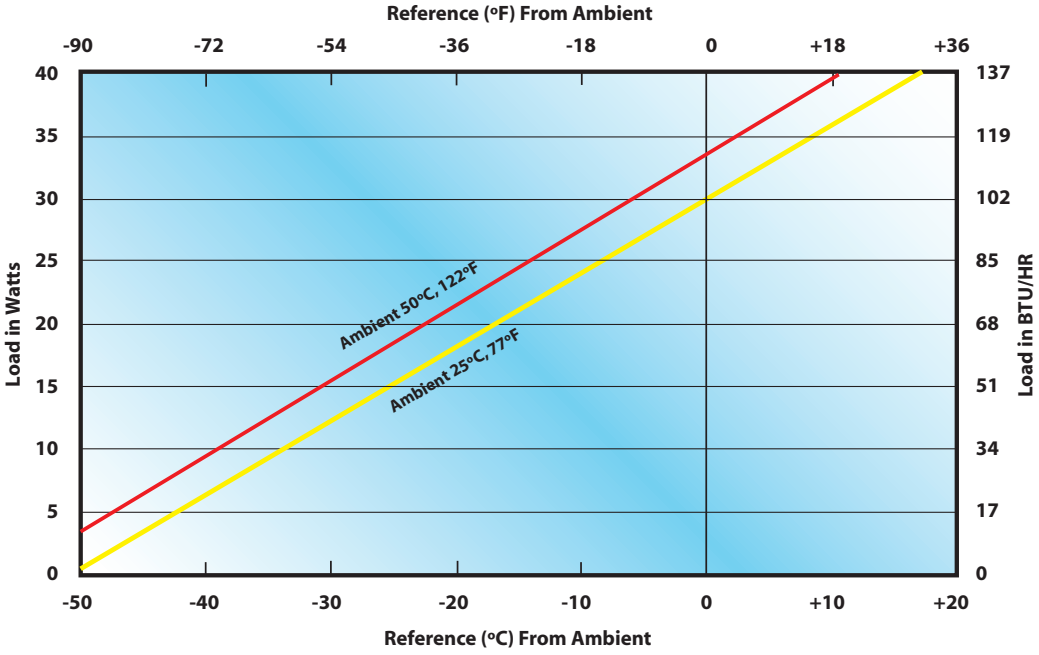


Power Supplies and Controllers for the C30

Power Supply
PS-12-6
PS-12-12

Temperature Controllers
TTC-12-6F
TTC-12-12F
TTC-12-18G
TC-24-12A
TC-24-12G

C30 Thermoelectric Cold Plate Performance



Tellurex C30 Cooling Engine Performance Graph

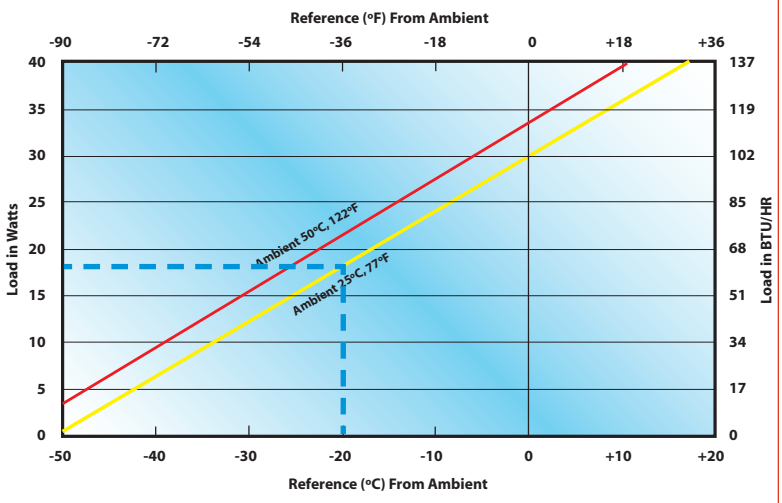
Temperature Control

Proper temperature monitoring and control can be applied to any well-insulated enclosure. Whatever your application, Tellurex can supply controllers for every need.

Using the performance graph

Example:
If a surface is to be kept at 20°C below Ambient (with Ambient @25°C), follow the -20°C Ambient line "up" until it intersects with the 25°C Ambient line, then follow a horizontal line to the Y axis on the Watts side. The Load in Watts= 18W (61 BTU/HR).

Note: If you want to work in °F, use the top scale and the Load in BTU/HR side of the graph.



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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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