



GLOBAL TECHNIK CORP[®]

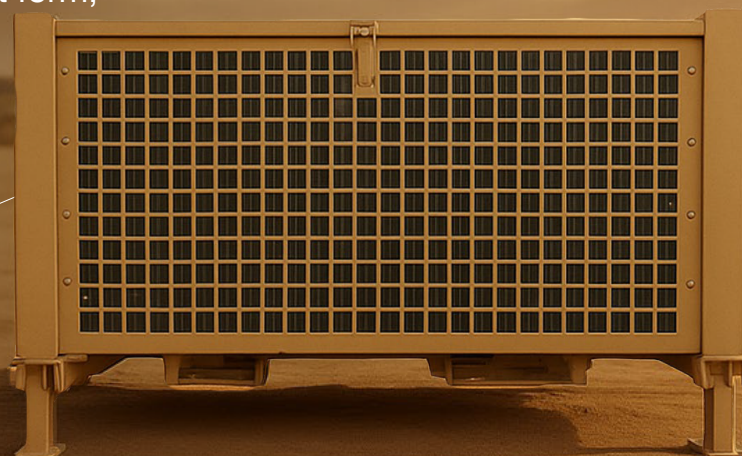
A GTC COSTA RICA COMPANY

Your mission's strategic advantage in shelter climate control

Backed by advanced design and military-grade standards, the 5 Ton ECU combines power and efficiency in a compact form, ready for rapid deployment in any mission.

Make it your advantage in every operation.

The Ultimate 5 Ton ECU



Key Features

01 Unmatched Cooling Capacity

TAT's 5T ECU ensures superior performance in extreme conditions, outshining the competition.

02 Adaptability for Any Scenario

Ground, off-road, railroad, airborne, or sea transportation - the 5T ECU is engineered for versatility, offering seamless deployment in diverse operational scenarios.

03 Space-Efficient Stackable Design

Utilizing the 463L pallet transportation standard, our unit allows stacking of up to 4 ACUs, optimizing space during transit and storage.

04 Robust Construction yet Lightweight

Designed for minimal maintenance and repairs, our heavy-duty welded Aluminum cabinet guarantees long-term reliability. 10% less in weight.

05 Precise Control with Advanced Technology

Featuring a digital controller with a full-color 3.5" touch display, the 5T ECU provides precise temperature control and user-friendly operation.

06 Conditional Based Maintenance (CBM)

- Improve system reliability
- Decrease maintenance costs

Technical Excellence, Specifications at a Glance

Why choose TAT's 5T ECU?

The 5T ECU is designed to outperform the competition in any condition while being the lightest in the industry using a heavy-duty welded Aluminum cabinet, contributing to its overall efficiency. We guarantee the best performance per size!

In the face of extreme conditions, trust TAT's 5T ECU to elevate your mission. Embrace innovation, reliability, and superior performance with a military ECU designed for mission success.



Technical specification

Cooling Capacity

- Cooling capacity at ambient 95°F (35°C): 72,000 BTU/H (21 KW) @60Hz
- Cooling capacity at ambient 131°F (55°C): 60,000 BTU/H (18 KW) @60Hz

Power Supply

- Voltage supply: 3x208VAC $\pm 10\%$
- Frequency: 50/60Hz $\pm 5\%$

Environmental Operating Range

- Operation at Cooling: -4°F to 131°F
- Operation at Heating: -40°F

Power Consumption

- Maximum current consumption: 31.8A per phase - ambient 131°F (55°C)
- Nominal current cooling mode: 26.4A per phase - ambient 95°F (35°C)
- Maximum starting current: 156A (For less than 3 cycles)
- Maximum 38.6A at heating mode

Installation Kit

- 16", 3ft ducting (supply and return air ducts)
- 40ft power cable including power plug
- 56ft control cable
- Optional: wheels kit

Weight and Dimensions

- Weight: 208kg (including power, control and controller)
- Dimensions: 24.33" x 51.65" x 39.53"

Three Optional Controllers

- Digital controller
- Set-point rigid design
- Range control rigid design

Heating Capacity

- 43,000 BTU/H (12.7 kW)

Refrigerant

- R407c

With over half a century of experience, TAT Technologies has emerged as a leading provider of thermal management solutions for air, land, and sea platforms. From a single component to comprehensive systems, TAT delivers innovative solutions that ensure optimal performance and reliability for our customers.



GLOBAL TECHNIK CORP.

A GTC COSTA RICA COMPANY

TAT
Technologies

Authorized dealer for Latin America

Contact our Team

+506-40017916 | oespinal@global-technik.com | cgutierrez@global-technik.com