

THERMACOOL

ELECTRIC AIR CONDITIONING

THERMACOOL Electric Air Conditioning System

KATS, offers the ThermaCool system; **Ground Cooling with a button touch, OEM installation, FAA/STC certified.**



ThermaCool is an **all electric** air conditioning system initially designed for the Cessna 172 and 182 series aircraft. The heart of the system is a trouble-free hermetically-sealed brushless DC motor/compressor that is powered by either the aircraft electrical system, or, a 28volt DC ground power cart.



When ground pre-cooling, the system provides a **20 degree cabin temperature drop** in just 5 minutes at the touch of a button. When connected to ground power, a cowl mounted piezo-electric switch activates the system without ever opening the cabin door. **Your lineman can do it for you.**

DUCTED
THROUGH



OPTIONAL DUAL
ALTERNATOR



HEADLINER

Providing 12,000 BTU's of cool air throughout the cabin. Overhead air distribution allows unobstructed use of the cabin floor.

DIGITAL TEMPERATURE CONTROLLER



The digital controller interface is easy to use... just set the desired temperature and forget it.... The panel mounted controller also fits a standard avionics stack if you have room.

AIR FLOW CIRCULATION

Comfort is maintained with a variable fan control offering 5 settings from 0 – 550 CFM.

Offers complete Electrical System BACK-UP and Capacity for additional equipment.

SYSTEM INSTALLATION



Located behind the aft baggage compartment of your aircraft and does not interfere with the G1000 installation. The C.G. moves aft only 1 inch.

COMPRESSOR / CONDENSER



Inlet and outlet are located on the side of the fuselage, precluding exhaust ingestion.

Features

- **GROUND COOLING at the touch of a button**
(with plug in)
- **20° TEMP DROP** in five minutes
- **NO TAKE-OFF or IN-FLIGHT RESTRICTIONS**
- **DIGITAL TEMP DISPLAY** - Set it and forget it
- **LESS THAN 45 amps** - at peak load;
33 amps normal run
- **ONLY 49 POUNDS** - Installed
- **OPTIONAL DUAL ALTERNATOR**
(Back-up Electrical System)

Certifications

- Approved for Cessna 172S, 172T, 182P, 182Q, 182R, 182T, T182T, C350, C400, T206H, PA44 Seminole

General Specifications Cessna 182 series:

- Cooling: 12,000 BTU's
- Airflow: 0 – 550 CFM
- Current: 45 peaks amps / 33 normal run
- Weight: 49 pounds, installed

[Home](#)

[About](#)

[Distributors](#)

[Warranty](#)

[Careers](#)

[Contact](#)

[Sitemap](#)



CAART

