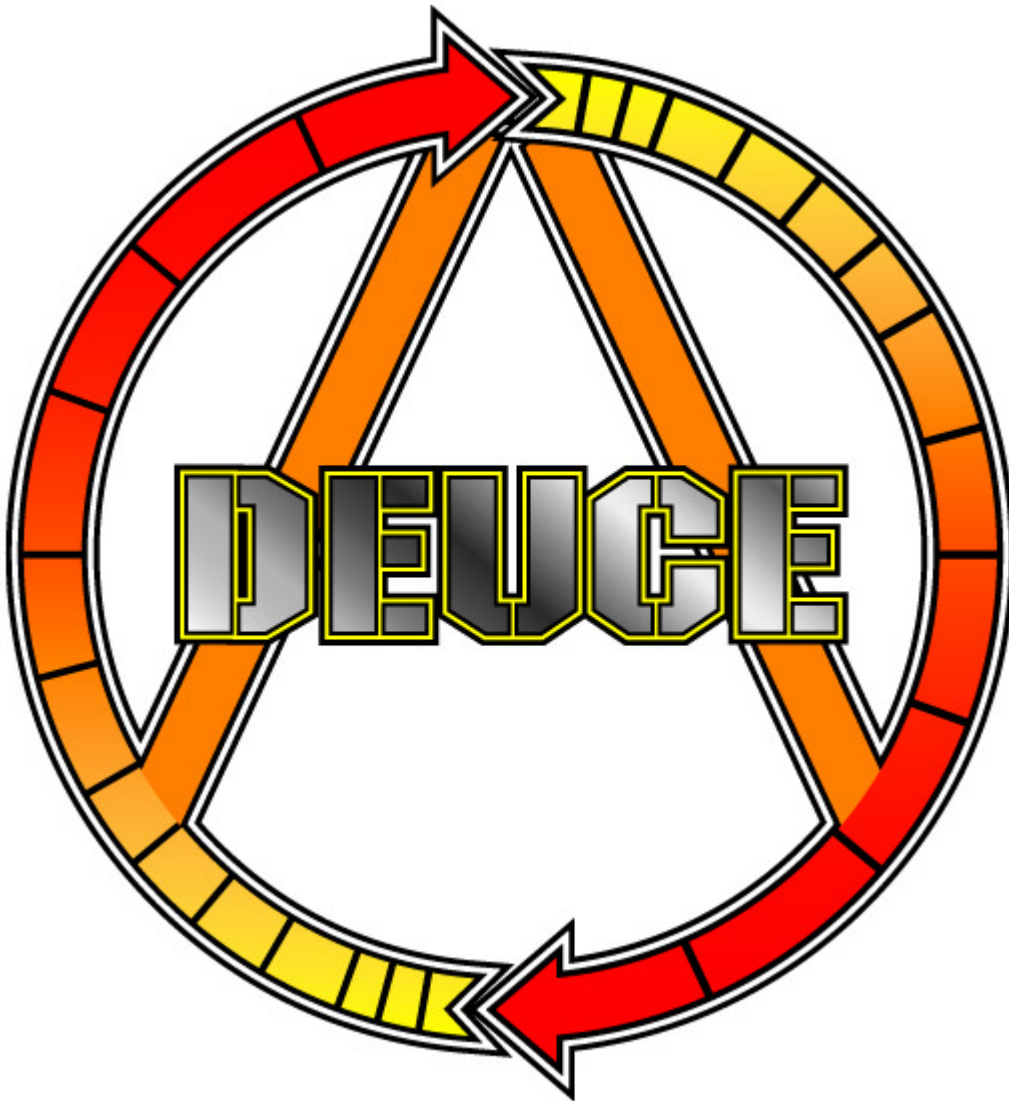




## DEUCE OWNER'S MANUAL



# Congratulations on your new AeroTherm Heater!

The AeroTherm heater is the only high volume hot air electric heater on the market. This unique design creates the same effect as a heated hangar for your engine compartment, reducing wear and tear on your aircraft engine while keeping your preflight time to a minimum.

## INSTALLING AND OPERATING YOUR AEROTHERM HEATER

You should receive the following items in each shipment. If for any reason you are missing any of these items, please notify us immediately:

1. One Aerotherm DEUCE Heater with Attached Hoses
2. One Carrying Case
3. Four Sponges

Your DEUCE Heater comes fully assembled and is ready for immediate use.

### 1. Securing the Aerotherm Heater to your Aircraft.

The heating unit is to be hung from the propeller via the convenient hanging strap.

Insert the hoses into the aircrafts cowl vents. Use the sponges to seal the engine.



## 2. Operating the Deuce.

Once the Deuce has been attached to your aircraft, simply select the thermostat setting you would like to use. 70 ° is the recommended setting (see Step 3.)

The thermostat will automatically cycle the heater on and off once the desired temperature has been reached.

For remote starting of The Deuce, we offer the Aerotherm RCS for activation of The Deuce via phone or text message, please see the website for more information.

- **When in use, keep both ends of the tubing clear from any obstructions.**
- **If airflow is restricted, the heater will shut off. To restart, push the RESET button on the backside of The Deuce.**
- **If repeatedly turned on while over-heated, the unit will fail. Allow to cool and verify that the tubing ends are free from obstructions before attempting to restart your Deuce.**
- **If using with an extension cord, ensure the cord has a rating for 15amps or higher.**
- **On 182 Cessna's, make sure the hose that is blowing the air is not ported into the cowl vent with the oil cooler in it.**
- When using your Aerotherm outdoors on a cold-soaked airplane engine, cover any opening on the engine with a blanket or other mechanism to keep heat from dissipating.

### **Energy/Efficiency Tips**

- 1) When using your Aerotherm in a hangar, save energy by setting the thermostat to 60 °
- 2) If the thermostat is set to 70 ° or higher for prolonged periods of time (4 hours or greater), the re-circulated air warms to more than 300 °. **This can lead to hose discoloration and unit failure.**

### 3. Recommended Settings

**INDOOR**  
Thermostat: 60 °

**OUTDOOR**  
Thermostat: 70 °



With this unique system, cold-weather won't keep you grounded!

If you have additional questions or comments, please contact us.

We hope you enjoy our product. Thank you for purchasing an Aerotherm Heater.

**AEROTHERM HEATERS**  
506 N. 5th Street  
Spearfish, SD 57783  
800-401-4397  
[www.aerothermheaters.com](http://www.aerothermheaters.com)



**WARRANTY INFO**  
**Full Three-Year Warranty**  
**on**  
**Aerotherm Deuce**

**What is covered?** This warranty covers any defects in materials or workmanship in your Aerotherm Deuce Heater with exceptions stated below.

**How Long Coverage Lasts?** This warranty runs for five years from the date of purchase. Coverage terminates if you sell or otherwise transfer the Deuce Heater.

**What is not covered?** This warranty does not cover any problem that is caused by abuse, misuse, or an act of God (such as a flood). Also, consequential and incidental damages are not recoverable under this warranty.

**What Aerotherm Heaters Will Do?** Aerotherm will repair any Deuce Heater that proves to be defective in materials or workmanship. In the event repair is not possible, Aerotherm will replace your Deuce Heater with a new Deuce Heater of similar composition and price.

**How Do You Get Service?** In order to be eligible for service under this warranty, **you must return the warranty registration below within 30 days of purchasing the Deuce Heater.**

If something goes wrong with your Deuce Heater, call **800-401-4397** for further directions.

**How Does State Law Apply?** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**If you have any questions concerning your heater, feel free to call or e-mail us. Our contact information is listed below.**

**We thank you for your business.**

**AEROTHERM HEATERS**

**506 5th Street  
Spearfish, SD 57783**

**800-401-4397**

**[www.aerothermheaters.com](http://www.aerothermheaters.com)**



## **PRODUCT REGISTRATION FORM**

**Name:**

**Date:**

**Address:**

**Telephone:**

**Cell Phone:**

**Email Address:**

**Airplane Type:**

**Product Purchased:**

**Date Purchased:**

**Purchased From:**

Scan and email to: [rbhill@aerothermheaters.com](mailto:rbhill@aerothermheaters.com)

OR

**Mail to:  
AEROTHERM HEATERS  
Product Registration  
Attn: Ryan Hill  
2640 S Jones Suite #2  
Las Vegas, NV 89146**



## **LIMITS OF LIABILITY**

IT IS HEREBY AGREED THAT SELLER'S LIABILITY AND PURCHASER'S SOLE REMEDY WHETHER IN CONTRACT , UNDER ANY WARRANTY, IN TORT (INCLUDING NEGLIGENCE). IN STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY PURCHASER, AND UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR ANY SPECIAL , INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, PROPERTY DAMAGE, DAMAGE TO OR LOSS OF EQUIPMENT, LOST PROFITS OR REVENUE, COSTS OF RENTING REPLACEMENTS, AND OTHER ADDITIONAL EXPENSES, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE PRICE STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING SELLER'S LIABILITY AND PURCHASER'S REMEDY.

SELLER WILL NOT BE LIABLE FOR ANY DAMAGES, LOSSES, OR EXPENSE AS A RESULT OF PURCHASER'S NEGLIGENCE, WHETHER DEEMED ACTIVE OR PASSIVE AND WHETHER OR NOT ANY SUCH NEGLIGENCE IS THE SOLE CAUSE OF ANY SUCH DAMAGE, LOSS, OR EXPENSE.