

# AIRCRAFT HEATERS – ENGINE PREHEATERS

## C & D AIRCRAFT HEATERS



Designed for upgrading obsolete aircraft heating systems or first time installation in your aircraft, C&D Installation kits include a complete group of materials necessary to replace the obsolete system or to install for the first time. Commonly used C&D heater components are shown below. For replacement heaters, request a quote by phone or email and provide aircraft make, model, and serial number.

### HEATER COMPONENTS

C & D Part No.	Description	Part No.	Price
CD12065-1	Cabin Heater	05-12002	---
CD12064-1	Cabin Heater	05-12003	---
CD14072-1	Cabin Heater	05-12004	---
CD14073-1	Cabin Heater	05-12005	---
CD14075-1	Cabin Heater	05-12006	---
CD14077-1	Cabin Heater	05-12007	---
CD14078-1	Cabin Heater	05-12010	---
CD21253	Electronic Thermostat	08-14605	---
CD21255	Rotary Thermostat	08-14606	---
CD21402	24V Motor	08-14607	---*
CD21401	12V Motor	08-14608	---*
CD22050	Spark Plug	08-14609	---
CD21381	24V Ignition Unit	08-14610	---*
CD20800	12VDC Fuel Regulator	08-04612	---*
CD20801	24VDC Fuel Regulator	08-04613	---*

\*Additional Core charge

## SAFE-HEET ENGINE HEATERS



SAFE-HEET is a thin flexible pad that is bonded to the engine oil sump. The kit is complete with materials and step-by-step instructions. A log book entry is all that is required for permanent installation; No S.T.C. or 337 form required. There are no airframe modifications required. SAFE-

HEET can be used with a timer or the 707 temperature controller, and uses standard 110 A.C. voltage. We recommend using the SAFE-HEET 707 Temperature Controller to cure the adhesive for faster installation.

### ECONOMICAL AND EFFICIENT

SAFE-HEET puts the heat where it is needed with very little loss to the surrounding atmosphere. The air inside the engine is heated by the warm oil sump. The warm air goes up and the cold air goes down, your engine is heated from the inside out. It uses about 300 Watts which costs about 3 cents per hour to operate. Less than 1 hour will generally warm the engine oil from subzero to safe easy starting temperature. The entire engine will be warm in 2 to 3 hours. The adhesive is thermo-conductive, and the metal foil heatsink is vulcanized to the pad for even heat transfer. SAFE-HEET reduces costly starter and engine abuse during cold weather starts.

Model 700 Dimension: 4" x 4".....P/N 05-04420

Model 720 Dimension: 4" x 7".....P/N 05-04421

## REIFF HOTSTRIP OIL SUMP HEATERS



HotStrip is thin and lightweight like a silicone pad, but made of aluminum for maximum durability. Works either as a stand-alone sump heater or integrated with the Hot Band Cylinder Heating Systems in the Standard, Turbo, and Turbo XP Systems. Bonds to the bottom or side of oil

sump and electrically heats the oil. Features dual heating elements for redundancy. System includes two 100W elements thermostat, and power cord.

FAA Approved for:

Lycoming O-235; All 290, 320, 360 series; All 435, 480, 540, 541 series; Continental IO-346; All 300, 600 series; E-165, E-185, E-225, All 470, 520, 550 series.

HotStrip Oil Sump Heater System: All engines above (Except Continental A-65, A-75, A-80, C-85, C-90, O-200, IO-240. These engines with oval oil sump use HotPad flexible silicone heating elements) Franklin 165, 220 .....P/N 08-00688

## VARIABLE TEMPERATURE CONTROLLER



The SAFE-HEET Variable Temperature Controller can be used with any 700 Series SAFE-HEET Engine Pre-heater as an installation aid, or for providing temperature control for continuous pre-heat without promoting internal engine corrosion.....P/N 05-04423

FOR APPLICATION INFORMATION PLEASE CALL OR VISIT OUR WEBSITE AT [WWW.AIRCRAFTSPRUCE.CA](http://WWW.AIRCRAFTSPRUCE.CA)

## REIFF PREHEATER FOR ROTAX 912/914



The Reiff preheat system for Rotax 912 and Rotax 914 aircraft engines is an engine-mounted electric preheat system designed for easier cold-weather starts. The preheat system consists of a 100-watt metal "hot strip" element, which is epoxied to the bottom of the crankcase, and a 50-watt band heater that is clamped to the oil tank.

The Reiff is FAA approved, and includes a thermostat to keep the oil from exceeding 150° F.

Description	Part No.	Price
150 Watts 110V	08-06219	---
250 Watts 110V	08-07620	---
250 Watts 220V	08-07620-1	---
350 Watts 110V	08-07621	---

## THE SWITCHBOX REMOTE CONTROL APP



The easiest, cheapest and safest way to remote control any electrical device.

For Pilots: No more driving to the airport hours before a flight. Turn on your Engine Heater from your cellphone, and simplify your cold flying routine! TIP: Activate a 2nd device like a Cabin Heater for your sensitive avionics, or a Coffee Maker before you arrive!

For General Use: Your new 'Smart Home' with the easy automation from SwitchBox. Remote control your heating, lighting and air conditioning, from anywhere in the world. TIP: Turn On the A/C before you get home, or check to see if you left the lights On and turn them Off. Save Money! SwitchBox App for iPhone/iPad/Android - Free. Visit our website to download your copy.

The Switchbox 4G Full System.....P/N 08-17037  
Cell Service Sim Card.....P/N 08-13550  
Wired Antenna.....P/N 08-13551  
Backup Battery.....P/N 08-17035

## BRUSHLESS CABIN HEATERS



These heaters are available from 12-48 volts, and different wattages as well. The Stealth heater is simple to install and can be operational in minutes. Measuring only 6" long and 5" tall, our Stealth heater will fit in virtually any small space. RuCar

elements allow the heaters to be mounted vertically OR horizontally which allows even a tighter mounting space. The Stealth heaters feature RuCar elements which have been tested to have a life expectancy of 10,000 hours, are vacuum sealed, and are exclusive to DC Thermal. RuCar elements operate at temperatures in excess of 650 degrees, are up to 300% more efficient than standard alloy heater elements.

**Specifications:** Heater Dimensions: 6"x 5" X 4". Brushless 50,000 Hour Ball Bearing Fan. 10,000 Hour DC Thermal ©RuCar Vacuum Sealed Elements. Case Construction: Riveted T5052 Aircraft Aluminum. Wired Entirely with GXL Wire. Thermally Protected. HIGH and LOW HEAT Settings. Comes complete with mounting hardware, mounting bracket, fuse, fuse holder, electrical connector ends, and detailed instruction. TWO YEAR Parts AND Labor Warranty.

Model	Volts/Watts	BTUS	Part No.	Price
SA12-3000	12V / 360W	6012	05-02121	---
SA12-4000	12V / 480W	8016	05-01966	---
SA12-5000	12V / 600W	10,020	05-03869	---
SA24-2500	24V / 600W	10,020	05-04855	---
SA24-3500	24V / 840W	14,028	05-03870	---
SA24-4500	24V / 1080W	18,036	05-02123	---

## RANS AIRCRAFT CABIN HEATER



The RANS aircraft heater is the answer to the winter flying "chills". It is very lightweight, inexpensive and installs easily in just two hours. This heater utilizes ram air and the heat off the engine muffler. Operation is simple. Slipstream air is forced through the heater inlet, passing over the muffler, picking up the heat and deliver-

ing it to the cabin or pod via an Aeroduct hose. Contains no moving parts. Fits Rotax mufflers and adaptable to other engines. Only fits Rotax 503 and 582.

Will not fit 618.....P/N 05-17400

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