

ENGINE PREHEATERS

RED DRAGON ENGINE PREHEATERS



For quick engine starts in cold weather. Propane heated air is blown directly into engine compartment by a 12V fan (can be used to heat cabin, thaw ice or warm hanger). 12V comes from either plane or car battery with no appreciable electrical drain. Easy-to-operate electric igniter allows you to ignite heater with a push of a button. Entire unit weighs only 14 lbs. 100% safety control stops fuel flow should flame go out. Complete with 5ft. of pressure propane hose, excess flow valve, regulator, safety control and 10ft. power cord with alligator clips to attach to battery. All UL approved. Now includes high limit safety control package - provides total protection from over-heat situations and will effectively shut down fuel upon an over-heat situation. Use standard propane bottles.

- MODEL MH300** - This model is the same as MH-300 except it uses 115 VAC to power the fan. Wt: 17lbs. P/N 08-04300
- MODEL MH310** - This model is the same as MH-300 except it uses 115 VAC to power the fan. Wt: 17lbs. P/N 08-04305
- MODEL H175** - This Red Dragon preheater is a cart style self contained preheater. Includes preheater, cart, battery box, fuel cylinder, and ducting. Excellent for FBO's. Wt: 58lbs. P/N 08-04315

RED DRAGON ACCESSORIES

- Heat Ducting** - 12' long x 4" diameter; Heavy-Duty Flexible Ducting. P/N 08-04310
- 6"Lx4" Dia. Heavy-Duty Flexible Ducting. P/N 08-04325
- Carrying Case - Strong Plastic Case w/lock, for model MH300. size: 20.25" x 9.5" x 9.5" P/N 08-04320
- 12V Cigarette Lighter Adapter Plug** P/N 08-04330
- Propane Quick Disconnect set - For Rapid Connect & Disconnect of Fuel Line from Propane Bottle w/o Tools (even under pressure) P/N 08-04340
- Propane Bottle - Std. Refillable Bottle (5 Gal. Cap. or 20 Lbs.) Supplies Minimum of 2 Hours of Heating. (Empty) P/N 08-04351
- Soft Carrying Case - This soft carrying case is for 115V preheaters only. P/N 08-01218
- Red Dragon Disposable Cylinder Adapter - Has a shut off valve and is disposable usually for 1 preheat. P/N 08-01295

DESIGN LOGIC ENGINE PREHEATERS



Constructed of solid aluminum, known for their dependability, performance, and overall value. An improved design saves time and money by allowing easy transfer to other engines or reinstallation after overhaul. Ea. 08-04425 kit includes 2 adapter plates, 1 flat and 1 curved (curve fits Continental sumps). The applicable adapter plate is simply screwed to the heater plate. This assembly is then adhered to the engine sump with thermally conductive adhesive (included). When necessary to remove the preheater, simply remove 4 screws! Specifications: 330W (08-00425) or 220W (08-00372). Thermostatically controlled 170°-200°F. Thermal fuse to prevent overheating should thermostat fail and heater become dislodged. FAA/PMA approved for over 600 engines. 2-yr, no hassle warranty. Application: Continental (except kidney shaped) 5"x4-3/8"x7/8".

- 08-04425 P/N 08-04430
- Application: Lycoming (except as below), Continental (except kidney shaped), Franklin, Garrett, & Marathon. 2-yr. warranty. Size: 5"x 4-3/8"x 5/8" (7/8" w/curved plate) P/N 08-04425
- Application: Lycoming IOs w/air intake on bottom (IO 360A1A, for example); for engines where a smaller footprint required; typically mounts on side of sump. 2-yr warranty. Size: 5"x 2-7/8"x 5/8" P/N 08-00372

Replacement Parts

- Continental Adapter Plate 08-01092
- Replacement Adhesive 08-01054
- Replacement Adhesive Kit (includes Applicator, Tie wraps, and Safety Wire) 08-01055

KENNON INSULATED ENGINE BLANKETS



Kennon's insulated engine covers are custom made for the specific year, make and model of aircraft for a snug fit. Kennon makes its own engine blanket material using a bonded fiberfill that doesn't need to be quilted to stay in place, which can destroy the loft and put thousands of needle holes in the cover where heat can escape. The outer shell is made from red, blue, or black polyester rather than nylon, increasing the useful life of the cover and the inner layer is fluorescent orange which can be used as a signaling device in the event of an emergency. Flaps for oil doors to check or fill the oil and cowling inlet flaps for preheating purposes can be added for \$10 each. Insulated prop and spinner covers are also available.

- 2-Seat A/C (sml) 07-00983 4-6 seat A/C (reg.) 07-00984
- Twin Eng. A/C 07-00985 Spinner Cover 07-00987
- Prop Cover 07-00988 Cessna 207 07-01307
- Cessna 208 07-00991 Piper Malibu 07-00992
- Dehavilland Beaver 07-00993 Beech B18 07-00994

E-Z HEAT AIRCRAFT ENGINE PREHEATER



Preheating engines for winter operations is at best a miserable chore and at worst can be a disaster for the plane, the pilot & flight operations. E-Z Heat Preheaters feature easy peel & stick application. 7 models are available. Efficient engine heating for virtually all propeller driven aircraft. The heaters consist of a flexible

synthetic pad that easily conforms to the contours of the oil pan. Heat 12 qts of oil from -40° to +60°F in an hour while using approximately 300 watts of electricity. The heater is 1/32" thick. enable immediate heat transfer from heater to engine. The heaters are thermostatically controlled, so leaving them plugged in overnight means the plane will be ready to go in the morning. Pre-heating normally takes 3-5 hours for the entire engine to be nice and warm. The Lite Brite power cord is included on all 110V E-Z Heat pre-heaters. Molded into the male plug end is a newly designed light emitting diode (LED). This LED allows the operator to visually recognize if there is electrical power to the preheat system even from a distance. FAA Approved for certificated aircraft. 2 year "No hassle" warranty.

P/N	Application	Heater #	Price
07-00756	Cont. A-65 to 0-200 (round)	260	.
07-05315	Cont. A-65 to 0-200 (rectangle)	270	.
07-05100	Cont. C-125 to 0-300, E-165 to E-225, IO-360 to TIO-360 Lyc. 0-235, 0-290, 0-320*	440	.
07-05200	Cont. 0-470, IO-470, 0-520, IO-520 Lyc. 0-320*, 0-360, IO-360, 0-540, IO-540C, D, T10-540C	441	.
07-01320	Cont. O-470, IO-470, O-520, IO-520	470	.
07-05210	Lyc. IO-360A & C Series	442	.
07-05345	Cont. 0-470, IO-470, 0-520, IO-520 IO-550 Lyc. 0-540, TIO-540 (except C), IO-720	411, 440 or 540	.
07-05200-2	Model 441 - 220Volt	441-2	.

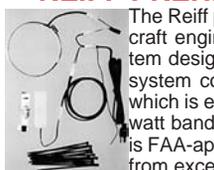
* Except H and Rear Carbs

REIFF HOTSTRIP OIL SUMP HEATERS



HotStrip is thin and lightweight like a silicone pad, but made of steel for maximum durability. Works either as a stand-alone sump heater or integrated with the Hot Band Cylinder Heating 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 Lycoming 0-235; 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. P/N 08-00688

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. P/N 08-06219

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.

- MODEL 700 Dimension: 4" x 4" P/N 05-04420
- MODEL 720 Dimension: 4" x 7" P/N 05-04421
- MODEL 705 Dimension: 7.3" x 3.5" P/N 05-04422

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