**OIL COOLERS – OIL SEPARATORS**

**X-SERIES OIL COOLERS BY AIRFLOW SYSTEM**
The first aircraft oil cooler design in 50 years. Computer modeling and flight testing have been used to develop coolers that deliver significantly lower oil temps with no increase in oil cooler size or oil pressure drop. Designed as a direct replacement for popular oil coolers used in experimental aircraft, the X-SERIES coolers are certified aircraft oil cooler standards. Flight testing on the experimental RV series of aircraft has shown oil temperature drops of 10 – 15 degrees F for coolers of the same size in the same location. Not FAA approved.

**AIRCRAFT SYSTEMS OIL COOLER DUCTS**
Super lightweight and strong hand laid fiberglass ducts designed using Computational Fluid Dynamics software and flight testing to provide the best air pressure distribution over the face of the oil cooler. Mounting hardware and installation instructions provided. The new versions will have a gray “in mold” primer coating on them. The advantage to the customer is that there are no pin holes in the fiberglass and the almost-ready-to-paint finish.

**AIRFLOW SYSTEMS ASOCD-45-13BV OIL COOLER DUCT BUTTERFLY VALVE**
Airflow System 4 inch butterfly valve for modulating airflow to oil coolers installed on 45 degree duct. It’s Welded in metal shaft bushings, not plastic. The CNC machined lever arm with pinch bolt allows for various positions on shaft. Has proper swiveling cable attachment with set screw. May be mounted in multiple orientations. It is anodized for corrosion resistance and appearance. [P/N 08-17111] $317.33

**OIL COOLER INSTALLATION KITS**
Airflow Systems oil cooler brackets and mounting hardware kits offer the homebuilder a quick and easy solution for firewall mounted oil cooler installations. A variety of mounting angles cover most applications at a cost that is little more than the cost of material for a builder made bracket. The generous radiiuses resist cracking. Delivered without holes but including an oil cooler mounting template the brackets may be tailored to individual installations.

**AIRFLOW SYSTEMS OIL SEPARATORS**

**CRANKCASE VACUUM KIT**
Included are the 021 stainless steel saddle mount fitting, mounting clamps, vacuum clamp and of course an extremely easy to use, and offers unparalleled protection for your aircraft engine. [P/N 05-12374] $369.00

**E-Z COOL FLAP**
This revolutionary product, the “E-Z Cool Flap” is a long awaited solution to this sometimes challenging task of climbing out without high oil temperature. The E-Z Cool Flap bracket and flap will definitely help calm the fears of many RV owners and builders of these great aircraft. Our effort turned out to be far greater in monetary and time investment than we initially planned but, all good things take time. After a considerable investment in design, engineering and testing many different configurations, learning and improving along the way. Now we offer our product as the most logical, simple and easily installed device to address these temperature concerns. This product is considered to be one of the finest aircraft alloys and workmanship available and is far superior to any and all other solutions available at any price. This product only weighs a few ounces, is extremely easy to use, and offers unparalleled protection for your aircraft engine. [P/N 05-12429] $109.00

**MAGNETIC SUPER PLUG**
This is the most powerful plug available and was designed specifically for GA aircraft use. This is about the least expensive thing you can add to your aircraft that will extend engine life and prevent damage to your engine. The plug end is very high quality with a special rolled thread to prevent leaks, is plated to prevent corrosion and drilled for safety wire. The rolled thread size is 1/2” npt and this fits all Lycoming, Continental, Franklin and many other aircraft engines. We hear this over and over with reports of higher static RPM, better climb and acceleration, lower fuel burn etc. The belly of your airplane will stay clean as everything that exits the separator or breather line will be consumed in the exhaust stream. [P/N 05-12373] $22.50

**THE A.S.A. OIL SEPARATORS**
“THE A.S.A. OIL SEPARATOR” is a solution to the oil consumption and collection of oil on the belly of your aircraft. The breathers kick out oil mist that collects on the belly that in turn grabs all the dust and dirt. For years we have been making this type of product used in automotive racing engines so the leap to a light weight aircraft unit was a small one. After many hours on the dynomometer many changes and hours of flight testing the effort was well worth it. “ASA Oil Separator” that in our tests outperforms most of the competition at a fraction of the price.