

OIL FILTER SYSTEMS

AIRWOLF AIR/OIL SEPARATOR



The Airwolf Air/Oil Separator will improve the efficiency of your aircraft dramatically whether it is a single engine fun craft or a twin powered corporate plane. Designed to separate air and oil in the crankcase breather & wet vacuum pump systems on conventional aircraft engines, Airwolf recovers oil from the crankcase, thus eliminating the oily overboard discharge and the ever present "oily belly" syndrome. Oil loss is greatly reduced - tests have indicated a recovery of up to 80% of crankcase oil previously wasted, depending on the type and condition of the engine. The Airwolf oil recovery system is only slightly larger than an oil filter cartridge (4" dia. x 7.5") and it is available for all conventional engines regardless of displacement. It can be easily

removed and disassembled for inspection and cleaning. With no moving parts, the Airwolf is designed to last the life of your engine. Available for planes with either wet or dry vacuum pump. Now STC'd for most aircraft. Available in black epoxy finish only. Specify aircraft model no., serial no., and engine model. Now manufactured by Airwolf.

Airwolf	Application	P/N	Price
AFC-W300-A	Beech H35, J35, K35, M35, N35, P35 (S/N D-4866 thru D-7309) Debonair 35-33, 35-A33, 35-B33, 35-C33 (S/N CD-2 thru CD-1118)	08-00645	.
AFC-W302-A	Cessna 180/182/185/A185	08-03806	.
AFC-W304-A	Beech Bonanza (Pressure Gyro Systems Only) Beech V35B (S/N D-9787) Beech V35B (S/N D-9806 & after) Beech A36 (S/N E-716) Beech A36 (S/N E-732 & after) Beech F33 (S/N CE-602 & after)	08-01299	.
AFC-W307	Bellanca Viking 17-30A	08-01301	.
AFC-W309-A	Beech (Vacuum Gyro Systems Only) Baron All 55 Series (with IO470)	08-01302	.
AFC-W311-A	Mooney M20 A/B/C/D/E/F/G/J	08-01303	.
AFC-W314-A	Piper PA24-250/260 Comanche	08-03834	.
AFC-W316-A	Cessna (Non Turbo Charged) P206A, B, C, D, E U206A, B, C, D, E, F, G 210L, M	08-00652	.
AFC-W318-A	Cessna (Turbo Charged) TP206A, B, C, D, E TU206A, B, C, D, E, F, G T210L, M	08-01297	.
AFC-W321-A	Cessna Skyhawk 1721, K, L, M (3/8" Rocker Box Drain Lines)	08-00655	.
AFC-W322	Cessna Cardinal 177 Cessna Cardinal 177RG	08-01304	.
AFC-W323-A	Cessna Skylane RG 182	08-01306	.

CALL ON UNLISTED MODELS!

AIRWOLF MINI AIR/OIL SEPARATOR



Reduce oil consumption and remove harmful water vapor with Airwolf's Walker Air/Oil Separator. The AirSep distills and recirculates crankcase oil vapor generated by normal operation, extending engine life.

The Airwolf Walker AirSeps uses a tiny amount of vacuum pump discharge air, to help condense the oil inside the AirSep, and to overcome crankcase pressure to return collected oil to the engine while the engine is running. The competitive systems are only gravity flow so no oil returns into the engine until the engine is completely shut off. Thus, one system is large enough to clean both the engine breather oil and wet vacuum pumps discharge. It

comes with a lifetime warranty on workmanship and material of all new AirSeps produced. STC'd

Airwolf Mini Air/Oil Separator 08-05887



CHALLENGER FAA/PMA LIFETIME OIL FILTER SYSTEM

The challenger Lifetime Oil Filter System for piston engine aircraft, is the most technologically advanced oil filtration system in the last fifty years. Challenger's revolutionary technology oil filter assembly is machined from 6061-T6 aircraft billet aluminum. Inside the aluminum housing is a high flow, 22 micron, cleanable woven stainless steel filter element. Large inlet and outlet passages provide for a maximum oil flow rate of twenty two gallons per minute (22 GPM), double the flow of the largest "Throw-Away" oil filters. It's plain and simple, clean oil preserves piston engine components service life. You'll find that unscheduled removal of engine parts is a thing of the past, and parts that haven't reached their life limit can now be returned to service, saving a bundle on engine overhaul cost. Every year millions of throw-away oil filters and used oil is thrown into land fills. Challenger's cleanable oil

filter with up to 100 hours between oil changes will help reduce waste. One time Form 337 required for installation. Our cleanable oil and air filters are STC and PMA approved, therefore, a one time 337 is needed for installation.

Challenger	Replaces	Our P/N	Engine Model	Price
CP-48103C 13/16-16 Thread w/o relief valve	CH48103-1	08-06017	LYCOMING O-320, IO320, O360, IO-360, LO-360, TO-360, HIO-360, LTO-360, LHIO-360 SERIES	.
CP-48104C 13/16-16 Thread w/o relief valve	CH48104-1	08-06018		.
CP-48108C 3/4-16 Thread w/o relief valve	CH48108-1	08-06019	CONTINENTAL 6-285, IO-346, IO-360, TSIO-360, O-470, IO-470, LIO-470, TSIO-470, IO-520, TSIO-520, GT- SIO-520, LTSIO-520, IO-550 SERIES	.
CP-48109C 3/4-16 Thread w/ relief valve	CH48109-1	08-06020		.
CP-48108C 3/4-16 Thread w/ Nipple w/o relief valve	CH48110-1	08-06021	LYCOMING O-235, IO-320 SERIES LIO-320, AIO-3230, AEIO-320, O360, IO360, AIO-360, HIO-360, LIO-360, TIO-360, LHIO-360, AEIO-360, O-540, IO-540, HIO-540, TIO-540, AEIO-540, LTIO-540, TIO-541, IO-580, IO-720 SERIES	.
CP-48109C 3/4-16 Thread w/ nipple w/o relief valve	CH48111-1	08-06022		.

CHALLENGER ACCESSORIES

Bonanza Gasket	08-01041	.
Gasket C140 150 152	08-01043	.
Gasket C170 172	08-01044	.
Gasket c180 182 185	08-01045	.
Gasket PA28-151, 161	08-01046	.
Gasket Mooney 20E, F	08-01047	.
Gasket Mooney M20J	08-01048	.
Gasket Oval	08-01049	.
Gasket Piper Round	08-01050	.
Gasket C177 Cardnal	08-01264	.

EP