

# FUEL PUMPS



## LYCOMING & CONTINENTAL FUEL PUMPS

Proven to be a trouble-free mechanical pressure pump. Original equipment on numerous airframe installations and adaptable to most applications with one of 3 dual diaphragm types. Overboard vent of this design provides operating assurance throughout all flights.

Engine Type	Engine Model No.	Our P/N	Lycoming Part No.	Our Price
Lycoming	O-235, O-290, O-320, O-340, O-360, HO-360, GO-480, O-540, VO-540	41271 4-6 PSI 05-02534	05-19000 LW15472	(Core .)
	IO-320, IO-360, AIO-360 HIO-360, IVO-360, IO-540, IGO-540, IO-720	41234 25-30 PSI 05-02532	05-19010 LW15473	(Core .)
	Can be used on A/C who formerly used low pressure (15 PSI) carb.	41272 (old 40595) 25-30 PSI	LW15473	(Core .)
Continental	C - 7.5 (-12, -12F), C - 9.0 (-8, -8F, -12, 12F)	05-19045	AF40695	(Core .)
	C-90 (-16F), O-200	05-19050	AF631391	.

Adapt pump thread to AN fittings using AC Fuel pump adapters: P/N 75505 .. Fitting ... or P/N 75505-1 . Fitting & O-Ring .....

## LYCOMING/AC FUEL PUMP FITTINGS



These fittings are designed to fit mechanical fuel pumps used on Lycoming engines. These fittings feature 3/8" AN flare outlets for connection to aircraft hoses, and are available in straight, 45° and 90° angle versions. Straight fitting..... P/N 07-00780.....  
45° fitting..... P/N 07-00781.....  
90° fitting..... P/N07-00782.....  
Tee fitting w/1/8" pipe thread tapping for fuel pressure..... P/N 07-00783 .....

## WELDON HIGH PRESSURE ELECTRIC FUEL PUMP

Weldon's 8150 series high pressure electric fuel pump is a positive displacement "cammed vane" type used primarily in airborne applications. It features a low pressure relief valve and integral bypass valve. Applications include in-line fuel transfer priming of fuel-injected engines and an emergency fuel pump. The permanent-magnet, explosion resistant motor is rated for continuous duty. These self-priming, lightweight (2.6 lbs. max.) pumps have been used for over 15 years by major aircraft manufacturers.

Model No.	Flow GPH	Output	Fluid	Power	Price Ea
8150-B	35 Min.	4.5 PSI	Av Gas	24V DC @ 2A	.
8163-A	35 Min.	21 PSI	Av Gas MIL-G-5572	14V DC @ 5A	.
8170-A	35 Min.	4.5 PSI	Gasoline	12V DC @ 4A	.

## WELDON OVERHAUL FUEL PUMPS

We have the complete line of FAA approved overhauled fuel pumps. These pumps are warranted the same as OEM with guaranteed performance.

Weldon 18000A (14Volt) Replaces: Cessna C291504-0101, Duke 4140-00-17

Weldon 18000B (28Volt) Replaces: Cessna C291504-0201, Duke 4140-00-15

18000-A WELDON PUMP 14V ..... P/N 08-07082 .....

18000-A WELDON PUMP 28V ..... P/N 08-07083 .....

## MOUNTING BRACKET FOR WELDON FUEL PUMPS

This T-bolt quick release band clamp with mounting bracket fits all Weldon fuel pumps with 2-1/2" diameter motors. Made from certified aerospace quality stainless steel, this bracket offers secure holding power under extreme vibration. The band clamp rotates within the mounting foot to offer easy access to the quick release latch for a variety of mounting positions. P/N 05-00021..... ea.

## ACS FUEL PUMP COOLING SHROUD

Designed to keep the fuel pump cooler in the hot engine compartments, and reduce the risk of fuel vapor lock. The cooling shroud will fit carbureted or fuel injector Lycoming engines using a diaphragm style pump. P/N 08-06097 .....

## FUEL PUMPS COOLING SHROUD

Designed to keep the fuel pump cooler in the hot engine compartments, and reduce the risk of fuel vapor lock. The cooling shroud will fit carbureted or fuel injector Lycoming engines using a diaphragm style pump. Black Anodized Coating

P/N 08-07098 .....



## FACET ELECTRIC FUEL PUMPS

**SOLID-STATE TYPE PUMPS** - These pumps measure less than 3" in any direction and weigh only 18 oz. Fuel is supplied as soon as the ignition is turned on so the engine will start faster at colder temperatures. Built-in pressure relief prevents flooding and assures fast re-starts on hottest days. The all-steel plated case is water tight. Mounts with two bolts. For best results, mount the pump close to the fuel tank and below the liquid level. The tank is self-priming to 18" fuel lift. Standard 12 V models require only 1 amp at max. delivery. Many models are available, but these are the ones recommended by Rutan Aircraft Factory, Stoddard Hamilton and many other aircraft designers. All of the pumps shown feature the all nylon valve and plunger as specified by Rutan Aircraft in the Canard Pusher newsletter.

**FACET NO. 40105** - 12V Negative Ground, 2-1/2-4-1/2 PSI Max., 30 GPH. 1/8 x 27 internal pipe ports..... P/N 40105.....  
**FACET NO. 40106** - 12V Negative Ground, 4-6 PSI Max., 30 GPH. 1/8 x 27 internal pipe ports..... P/N 40106.....  
**FACET NO. 40164** - 24V Negative Ground, 4-C PSI Max, 30 GPH, 1/8 x 27 internal pipe ports..... P/N 40164.....  
**FACET NO. 40108/40154** - Aircraft Spruce now carries 12V and 24V electric fuel pumps which have AN-style 37° male "dash 6" fittings built into the fuel pump to provide a simpler fuel line hookup than with the internal pipe threads on the older Facet fuel pumps.

4-6 Psi ..... P/N 40108 (12V) .....  
15 GPH. .... P/N 40154 (24V) .....  
Facet filter for solid-state pumps..... P/N 479735..... ea.  
The pumps above do not feature an anti-siphoning valve and fuel will flow through them in event of pump failure.

## AEROQUIP FITTING FOR FACET PUMPS

On the recommendation of Rutan Aircraft Factory, we now stock Aeroquip #2071-6-6S fitting which is a steel elbow with a swivel nut which fits the 37 flares on the Facet 40108 and 40154 fuel pumps. This Aeroquip fitting makes installation of the pumps easy & economical. P/N 04-05800 .....

## INTERRUPTER TYPE PUMPS

**Fuel Compatibility:** All models of the Facet High Performance Gold-Flo Solid State Fuel Pumps are compatible with gasoline, diesel, biodiesel, blended alcohol fuels and fuel additives. **Reliability:** The new Gold-Flo Solid State Fuel Pump is an enhanced version of our Interrupter model. It has Solid State circuitry and will meet or exceed all performance specifications and is totally interchangeable. (These pumps have demonstrated an endurance life almost double that of the nearest competitor, according to our test data). **Easy to Install-Easy to Service:** Two bolt mounting makes installations easy. Nothing to adjust. For best results, mount the pump close to the fuel tank and below the fuel level. The pump is self-priming to 24 inches vertical fuel lift. Vertical mounting is preferred to assure maintenance of rated pressures. An installation kit is available for replacement applications. The only service normally required is a simple cleaning of the filter and fuel inlet cavity. **Eliminates Vapor Lock:** When properly installed on most vehicles a constant, smooth, dependable supply of fuel under pressure is assured in the hottest weather or in high altitudes. **AVAILABLE FEATURES:** • 12 - 24 inches dry lift • 20 - 45 GPH • 1 - 8 PSI • Transient Protection - 24 volt only • State of the art Electronics • Sealed Electronics • Built in Anti-Siphon Valve (Positive shut-off) • UL Certified • VCA Certified • Complies to Mil-std-461D • Replaceable 74 micron filter • Built in magnet to collect metal particles for additional filtration • 1.6 amp average • Self Priming and Self Regulating • 32 ounces and 5 inches • Corrosion Resistant over 100 hours of salt spray

Facet No.	Part #	Price
480545-12V Neg. Ground, 4-5 psi, 30gph. Incl. anti-siphoning valve. Used on Maule aircraft.	480545	.
478360-12V Neg. Ground, 4-5 psi, 30 gph. W/o anti-siphoning valve. Used on some Piper aircraft.	478360	.
476088-24V Negative Ground, 4-5 psi, 30 gph. Used on some Piper and Grumman models.	476088	.
480543-12V Neg. Ground, 6.5-7.5 psi, 45gph. Used by some engine rebuilders and aircraft modification shops.	480543	.
Facet filter for interrupter pumps.	479729	.
476410- 12V Negative Ground, 4-5 psi, 20gph.	476410	.
480534E- 12V Negative Ground, 8-.6 psi, 45gph, 1/4-18 fitting	05-00802	.
480564E- 24V Negative Ground, 4-5 psi, 32gph. Includes anti-siphoning valve. 1/4-18 fitting.	05-01003	.
476549E- 12V Negative Ground, 8-.6.5 psi, 32gph, 1/8-27 fitting	05-00813	.

