

# FUEL VALVES



## HOMEBUILDERS SHUT-OFF VALVES

A full-flow plug valve with solid bottom and integral mounting bracket. Brass body and plug. Floating stem with O-ring prevents leakage. Packed with synthetic grease which resists gasoline and solvents. Indicating click on 3-port and 4-port valve (CN models) tells when handle is in full open or closed position. Tested to 30 PSI. **Not FAA approved.**

| Part No. | Model No. | Imperial Equiv. | Valve Type | Pipe Thread               | Price |
|----------|-----------|-----------------|------------|---------------------------|-------|
| 6749     | 210-CL    | 108HD-04        | 3-Port*    | 1/4" Female x 1/4" Female | .     |
| 05-01032 | 210-CN    | 108HD-06        | 3-Port*    | 3/8" Female x 3/8" Female | .     |
| 05-01033 | 200-CL    | 114HD-04        | 4-Port**   | 1/4" Female x 1/4" Female | .     |
| 05-01034 | 200-CN    | 114HD-06        | 4-Port**   | 3/8" Female x 3/8" Female | .     |

\*For 2 tanks. Flow is from either side to branch.

\*\*For 3 tanks. Flow is from any side to bottom outlet.

**Note:** Order valve with 1/4" pipe threads for 3/8" dia. fuel line. Order valve with 3/8" pipe threads for 1/2" dia. fuel line. These pipe thread sizes are the ones normally associated with the indicated tube sizes.

## HOMEBUILDERS WEATHERHEAD FUEL VALVE HANDLE



This unique fuel valve handle is designed to provide a positive feel and makes it easy to determine the current tank selection. It fits the popular Homebuilders and weatherhead fuel valves and is made from billet 6061T6 aluminum bar stock. They are milled, not cast. Handles are hand deburred, red anodized, and laser etched. P/N 05-07184

## FUEL VALVES FOR CESSNA 180 / 182 / 190 / 195

Improved corrosion resistance: McFarlane's new valves are totally anodized where the original valves were Alodine conversion coated. This change drastically improves the surface durability, wear resistance, and corrosion resistance of all the components, and they will stay pretty too! Corrosion protection is important since the valves are at the lowest point in the fuel system without any upstream water separation or contaminate screening. We have also eliminated the brass bushing that corrodes the cam. Improved O-ring retention: Modern machining processes lets us precision machine the O-ring capture cavity. The original valve O-rings were retained by staking (stamp forming) the housing. This process was inconsistent at best and distressed and weakened the surrounding aluminum structure. More balanced fuel flow: Yesterday's manual machining process of the original valves were often inconsistent enough to let one port flow more fuel than needed while the other port might flow a very marginal amount of fuel. The new McFarlane valve is computer machined for a perfect balance of fuel flow. Fully Tested: You can rest assured that if it's a new McFarlane valve or a valve repaired by McFarlane, it will be pressure, functional, and flow tested to perform to the highest standards. ..P/N 05-27387

| Aircraft        | McFarlane P/N | Part No. | Price |
|-----------------|---------------|----------|-------|
| 180 / 182 / 195 | MC0311070-1   | 05-27387 | .     |
| 190 / 195       | MC0311070     | 05-27432 | .     |

## FUEL SELECTOR VALVE ASSEMBLY FOR CESSNA 170 / 172 / 175

McFarlane MC0513120-5 Fuel Selector Valve Assembly .....P/N 05-22374

## CESSNA 182 FUEL SELECTOR VALVE

McFarlane MC0716613-1 Fuel Selector Valve Assembly, equivalent to OEM 0716613-1 and 0716613-1S .....P/N 05-27273

## CESSNA DOUBLE STACK FUEL SELECTOR 9851116-2

The fuel selector valve works in unscreened fuel. Contaminated fuel can cause selector valve seal damage. When fueling from possibly contaminated fuel sources McFarlane recommends the use of a fuel filter, such as Mr. Funnel or another filtering device, to reduce trash in the fuel system. ....P/N 05-32630

SEE WEBSITE FOR AIRCRAFT ELIGIBILITY



## FUEL SELECTOR VALVE GASKET FOR CESSNAS

Cork/rubber gaskets meets tough government standards for fuel resistance. Model 0513125 Fits many Cessna 172/175/177/210 models. See our website for application chart.

P/N 01-01353

## HIGH-PRESSURE BRASS BALL VALVE



Great for use in tight spaces, suitable for high-pressure applications. Connections are NPT. Body is brass, ball is nickel-plated brass, seats are PTFE, and seal is fluoroeelastomer. Valves have unrestricted flow (full port).

### Specifications:

Female x Female • Pipe Size: 1/4" • End-to-End Lg.: 1 15/16" • Lever Handle • Max. Pressure for Water, Oil, and Inert Gas: 1000 psi @ 70°F • Temp. Range: -40° to +300°F • Vacuum Rating: 29" Hg.

P/N 05-06885

## WEATHERHEAD FUEL SHUT-OFF VALVE



3-way Weatherhead valves, with 1/4" female pipe ports feature a Delrin-spool design for smooth operation. Handle mounted on 1-1/4" long shaft. Not FAA approved.

Model No. 6749 3-Port Valve - Flow is from either side to middle port...P/N 6749

Model No. 6747 4-Port Valve - Flow is from any horizontal port to bottom port.

P/N 6747

## MINIATURE FUEL VALVES



The lightest (4 oz.) smallest (1.5" long), easiest to operate ball type (not plug) on-off fuel valve available. Light operating force makes it ideal for remote operation. Not FAA approved. Forged brass with 1/4", 3/8", or 1/2" female pipe ends.

| Thread         | Length   | Weight   | Part Number | Price |
|----------------|----------|----------|-------------|-------|
| 1/4" NPT valve | 1-13/16" | 0.39 lbs | 05-12627    | .     |
| 3/8" NPT valve | 1-13/16" | 0.39 lbs | 05-23330    | .     |
| 1/2" NPT valve | 2-7/16"  | 0.59 lbs | 05-01026    | .     |

## J-3 FUEL VALVE



This J-3 fuel valve includes a steel handle for use with the original pushpull shut off control. This valve is a significant improvement over the original brass style fuel valve. The new valve has a stainless steel ball seated in an inert composite seat. This improved design eliminates the stiff operation

and leaking around the shaft that the original design was prone to. PMA approved. Uses 1/4" NPT fittings.

P/N 05-00848

## CESSNA 150 - 150L FUEL VALVE



McFarlane 0411803-6S valve for fuel and repaired with core- taper style.

Additional core charge added to purchase at time of checkout .....P/N 05-19276

## CESSNA 172

## FUEL SELECTOR VALVE



McFarlane MC0513120-8 Fuel Selector Valve Assembly, equivalent to OEM 0513120-8.

P/N 05-27271

## McFARLANE FUEL SELECTOR VALVE FOR CESSNA 150/172/175

FAA-PMA approved for Cessna 150 thru 195 aircraft. Better corrosion resistance. Improved O-ring retention. More balanced fuel flow. Overhauled by experienced technicians. Cleaned, inspected, and assembled with all fluorocarbon O-rings, seals, gaskets, hardware, and parts as required. Pressure tested for leaks and evaluated for proper fuel flow. FAA PMA Approval. Visit our website for Aircraft Eligibility.

Cessna 150 .....P/N 05-32562

Cessna 175/175 .....P/N 05-32563

SEE WEBSITE FOR AIRCRAFT ELIGIBILITY