

SAF-AIR FUEL DRAIN VALVES

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SAF-AIR push type fuel drain valves are close tolerance valves of simple design. These valves provide the most trouble free operation of any other line of valves in the industry. SAF-AIR valves are manufactured with an o-ring placed on the stem to seal against a flat seat on the body. This design eliminates an area where dirt can gather, thus putting an end to the main cause of fuel drain valve drip. FAA & PMA APPROVED.



CAV-110H-4 CAV-160H-4 CAV-170H-4 CAV-180H-4
CAV-110 CAV-160 CAV-170 CAV-180

Model CAV-110 1/8" NPT - For Cessna 310 tip tanks; Mooney Mark 20 and 20A; all Ercoupe models; Bellanca, Taylorcraft model B; Stinson 108, 108-1, 108-2, 108-3; Voyager model 10 and 10A; Navion; Waco VK series and UPF; and Sea Bee. Fits all standard gascolators. **Model CAV-160 1/4" NPT** - For Piper models J-3, J-4, PA-11, -12, -14, -25, -16, -17, -18, -20, -22, -23, and -15 Tri-Pacer; Apache; Champion; Aeronca; Cessna T-50 and earlier 120 and 140 models; and Beechcraft AT-11 and C-18S. **Model CAV-170 7/16-20 NF-3** - For all Cessna late 140A models, 150, 170, 170A, 170B, 172 and 175. **Model CAV-180 3/8-24 NF-3** - For Cessna 180, 182, 185, 190, 195, 205, 210, 310, 310A, 310B, 310C and 336. **CAV-100H-4, CAV-160H-4, CAV-170H-4, CAV-180H-4** - All four models come with 1/4" hose end. **Note:** All aircraft applications are for general reference only. Verify correct valve for your aircraft before ordering.

| Part No. | Thread | Price | Part No. | Thread | Price |
|------------|----------|-------|------------|------------|-------|
| CAV-110 | 1/8" NPT | --- | CAV-170 | 7/16-20 NF | --- |
| CAV-110H4 | 1/8" NPT | --- | CAV-170H-4 | 7/16-20 NF | --- |
| CAV-160 | 1/4" NPT | --- | CAV-180 | 3/8-24 NF | --- |
| CAV-160H-4 | 1/4" NPT | --- | CAV-180H-4 | 3/8-24 NF | --- |

Replacement Seals

| | |
|-----------------------------------|-----|
| MS29513-006 Tip (all models)..... | --- |
| MS29513-011 Seat (CAV-180) | --- |
| MS29513-012 Seat (CAV-170) | --- |

Price Each

SAF-AIR SPECIALTY FUEL DRAIN VALVES



4350-6L F75 SA-60S SA5817-4C

The F75 is used on wing tip tanks or any application where a 3/4"-16 flush mounted fuel drain valve is needed. This aluminum valve is simple and clean to operate, using any standard sampling tube. Just push up on the center of the valve to sample fuel. Our new design allows all the fuel to enter the tube without leakage. This valve is designed for use on Cessna 310 through 441 model airplanes. • The C500 is used on the bladder style wing tanks with a 1/2" diameter nozzle. • The P3750 has a 3/8" NPT thread and is designed for use on those applications. Both valves provide push-to-test or push-and twist features for locking the valve open. Material is 360 brass. • The SA5817-4C is used with a 3/4"-16 bulkhead fitting to mount the valve flush with the outside skin of the plane. A hose is attached to the valve with a 7/16"-20 fitting at the low point of the fuel system. Material is anodized aluminum. • The SA-60S valve is the same as the CAV-160 except it is constructed of 304 stainless steel. Valve can be used in highly corrosive applications such as salt water. • 4350-6L has a 7/16"-20 thread and a long stem that can be cut to length for your application. Material is anodized aluminum.

| Part No. | Thread | Price | Part No. | Thread | Price |
|----------|-----------|-------|-----------|----------|-------|
| C500 | 1/2" Tube | --- | SA-60S | 1/4" NPT | --- |
| P3750 | 3/8" NPT | --- | 4350-6L | 7/16"-20 | --- |
| F75 | 3/4-16 | --- | SA5817-4C | 3/4"-16 | --- |



PIPER FUEL DRAIN KIT

Developed in compliance with Airworthiness Directive 85-06-04 for Piper aircraft. Fits most popular Piper aircraft, including J-3, 4, 5; PA-12, 14, 15, 16, 17, 18, 20 & 22. Fuselage kit includes a bushing, elbow, elastic grommet, hose, clamp, drain valve, warning sign & instructions (AD 85-06-04). Wing kit incl. drain valve, warning sign & instructions (AD85-06-04).

| | | |
|--|--------------------|-----|
| Fuselage Tank Fuel Drain Kit..... | P/N 05-01892 | --- |
| Wing Tank Fuel Drain Kit | P/N 05-01893 | --- |
| Wing Tank Fuel Drain Kit/Flush Drain | P/N 05-01894 | --- |



F391 FLUSH DRAIN VALVE

Valve mounts in the sump, the same as original plug, with no projection. Can't be knocked off or opened by particles thrown from propellers. Opens only when operated with sampler cup, rod or wire. Clear cup permits inspection for water or contaminants. FAA approved.

| Part No. | Thread | Application | Price |
|----------|----------|--|-------|
| F-391-14 | 1/4" NPT | Aeronca, Beech AT-11, D-18S, Piper PA-11, 12, 18, 20, 22, Apache, champion, Howard | --- |
| F-391-18 | 1/8" NPT | Stinson, Waco VK, UPF, Seabee, Bellanca, T-Craft "B", Navion | --- |
| F-391-32 | 3/8-24 | Cessna 180, 182, 195 | --- |
| F-391-72 | 7/16-20 | Cessna 140, 150, 170, 172, 175 | --- |
| F-391-82 | 1/2-20 | Cessna Cardinal, 210 | --- |

Sampler Cup - Fits all F-391 ValvesP/N 05-17300

SAF-AIR FLUSH-MOUNTED DRAIN VALVES



SA14 SA18 SA32 SA72 SA82 SA187 SA53S

SAF-AIR designed its line of flush mounted fuel drain valves to be an exact replacement for the Auto Valve F391 line of flush fuel drain valves. Unlike the Auto Valve, SAF AIR valves can be rebuilt. These valves offer a dependable, low-cost solution when a flush mount is needed. **FAA & TSO-C76 approved.**

| P/N | Size | Equiv. | Price | P/N | Size | Equiv. | Price |
|------|---------|---------|-------|-------|---------|----------|-------|
| SA14 | 1/4 NPT | F391-14 | --- | SA72 | 7/16-20 | F391-72 | --- |
| SA18 | 1/8 NPT | F391-18 | --- | SA82 | 1/2-20 | F391-82 | --- |
| SA32 | 3/8-24 | F391-32 | --- | SA187 | 1/8 NPT | F391-187 | --- |

110SS 1/8-27 NPT 391-18.....P/N 05-27141

LOCK OPEN SAF-AIR DRAIN VALVES

Similar to the drain valves above with including the capability of locking in the open position making pre-flight check for contamination and water in the fuel system very easy. Models 1250 & 1250H are popular choices to install on gascolators.

FAA & TSO-C76 APPROVED.



| Part No. | Size | Price Ea. | Part No. | Size | Price Ea. |
|----------|---------|-----------|----------|----------|-----------|
| 1250 | 1/8 NPT | --- | 1250H | 1/8 NPT* | --- |
| 2500 | 1/4 NPT | --- | 2500H | 1/4 NPT* | --- |
| 3750 | 3/8-24 | --- | 3750H | 3/8-24* | --- |
| 4375 | 7/16-20 | --- | 4375H | 7/16-20* | --- |

*These valves come with 1/4" hose adapter

FUEL DRAIN VALVE KITS FOR CESSNA, PIPER, AND BEECHCRAFT

These high quality fuel drain valve kits are FAA-PMA approved for a wide range of Cessna, Piper, and Beechcraft aircraft. These drain valves prevent drain nipple slippage, require no O-rings, feature corrosion free construction, and use the industry standard 1/8" pipe thread valve. **Features:** • The valve can be rebuilt • Fuel

resistant o-ring - Fluorosilicone • Push to test against the wing surface
Specifications: • Material: Valve 360 Brass, Housing Stainless • Finish: Cadmium Plate • Temperature: -100° to +350°F (-73° to +177°C) • O-Rings: M25988-005 • Pressure: 60 PSI max.

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|-------------------------|--------------------|-----|
| Kit for Cessna..... | P/N 05-03566 | --- |
| Kit for Beechcraft..... | P/N 05-03567 | --- |
| Kit for Piper..... | P/N 05-03568 | --- |