FUEL VALVES - DUPLEX VALVES

ANDAIR POSITIVE STOP FUEL VALVES

Andair Ltd. of England produces these superb Safety Fuel Selectors. Precision built from aircraft grade materials, with PTFE seals packed against a highly polished ball giving a very smooth action. Designed by an RV builder the Andair valve features a positive stop for the off position. A spring loaded button on the lever must be raised before the lever can be moved to the off position. This eliminates the possibility of turning the fuel off in flight, which is an inherent risk with some other designs. The lever has internal stops and detents on the left and right positions. The FS20 range has been designed for 3/8" fuel lines and the FS25 Range is for use with 1/2" lines. Now to the range is the FS20-3-5-way selector valve.

FS20X1-F or FS25x1-F
Model 1
FS20X2-F or FS25x2-F
Model 2
FS20X3-F or FS25x3-F
Model 3

NEW 5-WAY VALVE

FS25X8-F
Model 4
FS25X5-F
Model 5

SIDE FITTINGS - The side fittings can either be -M (Male 9/16-18 for the 20 range or 3/4-16 for the 25 range) or -F (Female pipe 1/4 for the 20 range and 3/8 for the 25 range).

FS20X4-F or FS25X4-F
Model 4
FS20XS-F or FS25X5-F
Model 5

LOWER FITTINGS ON MODELS 3, 4, 5 & 8
The Andair Range of fuel selectors is now available with choice of lower fittings for models 3, 4, 5, and 8. This fitting can either be -M (Male 9/16-18 for the 20 range or 3/4-16 for the 25 range) or -F (Female pipe 1/4 for the 20 range and 3/8 for the 25 range).

Model No. Part No. Description Thread Ports Price
05-29505 FS20X2F Left/right/off (90 Degrees Between Left And Right) Female $279.00
05-29506 FS20X3F Left/right/off (180 Degrees Between Left And Right) Female $295.00
05-29507 FS20X4F Left/both/right/off (90 Degrees Action Between Each Position) Female $338.00
05-01432 FS20F4F Left/both/right/off (90 Degrees Action Between Each Position) Male $417.00
05-01431 FS20F4F Left/both/right/off (90 Degrees Action Between Each Position) Female $439.00
05-01430 FS20F4F Left/both/right/off (90 Degrees Action Between Each Position) Male $458.00
05-01433 FS20F4F Left/both/right/off (90 Degrees Action Between Each Position) Female $485.00
05-01434 FS20F4F Left/both/right/off (90 Degrees Action Between Each Position) Male $505.00
05-01435 FS20F4F Left/both/right/off (90 Degrees Action Between Each Position) Female $524.95

ANDAIR 20-20-D2 DUPLEX VALVES

Used to switch the fuel in an application where there is a fuel injected engine that needs flow return. It allows you to pipe surplus fuel to the same tank from which it was drawn. This avoids the worry of overfilling the return tank or having an overly complicated fuel system. Engines that can benefit from this valve are Saboru, Continental, Rotax, and Diesel engines. The FS20-20-D2 has two 3/8" sections where as the new FS25-20-D2 has one 1/2" feed section and on 3/8" return section. The valves can be supplied with either male or female fittings.

FS20-20-D2 DUPLEX VALVES - New to the range is the FS22-20-D2 which has a 1/2" feed ports and 3/8" return ports, for use in larger injected engines.

FS22-20-D2 DUPLEX VALVE

This new duplex valve from Andair has been designed for the use with low flow rate fuel and vapor return systems. An example being the Turbo charged Rotax 912S. Base on the popular FS20x2, the FS22 retains the key features of small size and light weight. The return valve uses a new style PTFE disc, operated via the main ball valve allowing the return fuel to flow back to the tank from which it was drawn. The FS22 is available in two forms, the FS22-2D with its 1/8" female pipe fittings pointing down (see image) or the FS22-2PS (sideways pointing fittings). Both valves include all of the safety features that appear in the full range of Andair Fuel Selectors.

Model No. Part No. Description Thread Ports Price
05-29562 FS20D2-2D-6F-PS 1/8" Feed, 1/8"Return 1/8,1/4"Pipe Female $399.00
05-29563 FS20D2-2D-6M-PS 1/8" Feed, 1/8"Return 9/16-18, 3/4-16 Male $417.00

ANDAIR 520 FUEL VALVES

The FS20X4 Fuel Selector is designed for high wing aircraft where it is possible to feed from both tanks simultaneously. Porting for the both position is done internally so there is no need to T the two tanks together. There is a 90 degree action between each tank selection, and the safety feature where the red button on the lever has to be raised to switch off the fuel. On the FS20x4 there are 3 ports. The lower port is the outlet to the engine and can be Male AN-6, Female 1/4NPT or a Banjo fitting which is a 360 degree style PTFE disc, operated via the main ball valve allowing the return fuel to flow back to the tank from which it was drawn. This is useful in an injection engine that needs flow return. It allows you to pipe surplus fuel to the same tank from which it was drawn. This avoids the worry of overfilling the return tank or having an overly complicated fuel system. Engines that can benefit from this valve are Surburu, Continental, Rotax, and Diesel engines. The FS20-520 has two 3/8" sections where as the new FS25-520 has one 1/2" feed section and on 3/8" return section. The valves can be supplied with either male or female fittings.

FS20-520 DUPLEX VALVES - New to the range is the FS22-520 which has a 1/2" feed ports and 3/8" return ports, for use in larger injected engines.

ANDAIR UNIVERSAL JOINT

These Universal joints work in conjunction with our specially extruded extension rod to allow mounting of fuel valves at angle to the control level. 30° maximum angle.

P/N 05-13028 ............... $86.75

PROSSES Subject To Change Without Notice

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