

# Small, Single Element Filter Housings

VF-65 Filter/Separator, ACOX Housing



## Description

This versatile housing is designed to meet various requirements: a fuel filter/water separator and a micronics filter. Ideal for fuel dispensing applications

The VF-65 filter assembly is designed to meet the toughest hydrocarbon refueling conditions and designed for easy cartridge changeouts. The VF-65 assembly can be used on mobile refuelers or installed in refueling cabinets. This compact filter housing can also be used for fuel dispensing pumps, as a primary fuel filter/water separator or as bulk fuel handling, fuel transfer, and other higher flow applications.



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## Product Features:

- Die-cast aluminum head
- Steel filter bowl assembly
- Powder coated components
- Locking ring collar “no V-clamps”
- 1.5” NPT inlet and outlet
- Viton® seals for compatibility to various fuels
- Wide variety of accessories, available
- Designed to withstand a max. pressure of 150 PSI (10 bar) and a maximum temperature of 240°F (115°C)
- Differential Pressure Gauge
- Manual drain valve (½” NPT)
- Manual vent valve
- Sight glass (½” NPT)
- Field proven performance

## APPLICATION

VF-65 assemblies are specifically designed to meet aviation fuel filtration requirements. The unit is used for fuel dispensing pumps or in primary fuel filter/water separator applications.

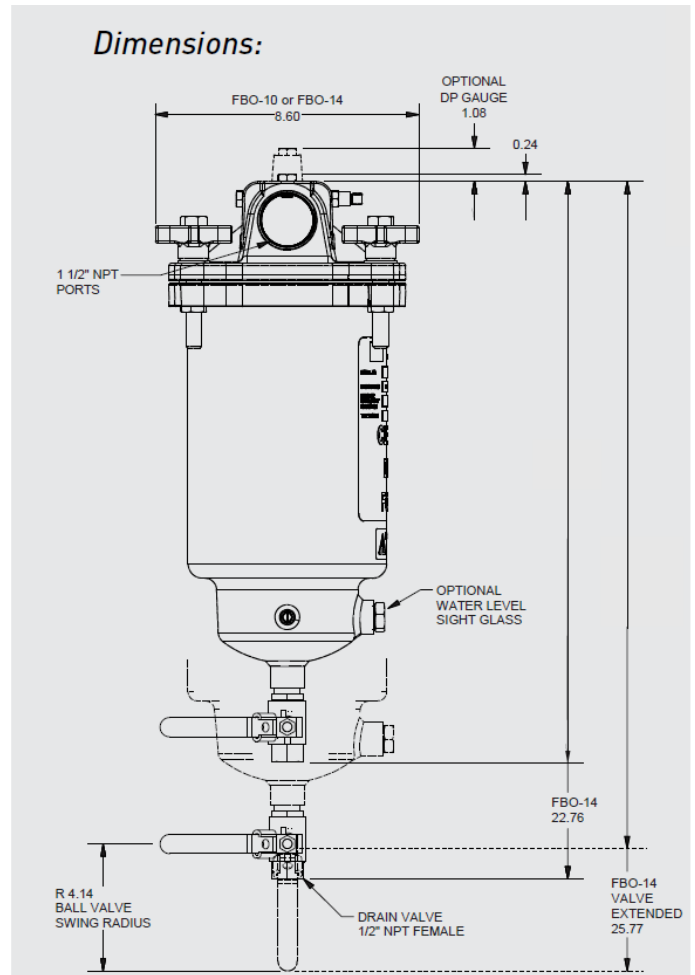
The housing and filter combination are designed to meet the effluent requirements for either E1588 2nd Edition Water Barrier Filtration using recently approved Parker Velcon ACOX elements or E1581 6th Edition Coalescer/Separator combination filtration using proven Parker Velcon coalescer OS Series elements.

The VF-65 filter assembly can handle the toughest conditions while offering ease of filter change outs.

The assembly features a “locking ring collar”, which attaches the filter housing to the aluminum die cast filter head with four bolts. The slotted “locking ring collar” allows maintenance personnel to hand loosen the four collar bolts, rotate, and lower the bowl filter changeouts.

With a new filter cartridge installed, simply raise and rotate into position locking ring and hand tighten evenly (evenly torquing the 4 closure bolts to 8 ft-lb (11 N m) is highly recommended).

The closure hardware consists stainless steel nuts, and washers with knobs for ease of No wrenches or other tools are required, person to easily change cartridge (no V-band used).



## Filter Element Selection

Parker Velcon Part No.	Product	Nominal Micron Rating ( $\mu\text{m}$ )	Maximum Flow Rate GPM/LPM	Changeout $\Delta P$ (psid)
ACOX-612A	Jet-A1/Avgas	0.2	48/182	22
OS-61288	Jet-A1	0.5	35/132	15
OS-61288	Avgas	0.5	45/170	15
OS-61286	Diesel	5	24/90	15
AD-61225	Diesel	25	45/174	25

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