

## VF-61: New Part Numbers

In order to simplify the ordering process, we have changed the part numbers for the VF-61 small vessel.

The new part number, VF-61, is the one which has the new head containing bolts instead of a band clamp. Part number VF-61E is for the old-style vessel with a band clamps.

Previous Part Number	New Part Number
VF-61EP1/2	VF-61
VF-61EP1/2VB	VF-61E



**VF-61**



**VF-61E**



# Filter Housing VF-61EP1/2

## Clean Dry Fuels and Oils with High Performance *Aquacon*® Filter Cartridges

### FEATURES

- **Positive Water Removal** – *Aquacon* cartridges remove free and emulsified water from fuels and oils.
- **Positive Water Holding** – Filtered water is chemically locked-in and can't be squeezed out.
- **Positive Shut-off** – Saturated cartridges stop the flow of unfiltered fuels.
- **Effective Dirt Removal** – 98%+ efficiency for 1/2, 5, or 25 micrometer particles.

### DESCRIPTION

The VF-61EP1/2 is a versatile filter housing designed for use with several different high performance *Aquacon* filter cartridges. Refer to the cartridge selection table on the reverse side.

*Aquacon* cartridges filter out water by chemically locking it into layers of super-absorbent media. Water removal efficiency is not affected by surfactants or additives, and once captured, the water cannot be squeezed out. Water capacity is as much as 1 1/2 quarts, depending on the flow rate. These cartridges also effectively filter out dirt, rust and other particulates. (See caution below, right.)

As a cartridge reaches its water-holding limit, the media expands very rapidly and restricts the flow. For fuels, the flow will completely stop, giving positive shut-off and guaranteeing water will not get downstream. For oils and other high viscosity liquids, the pressure drop will rapidly increase, signaling the need to change cartridges.

The VF-61EP1/2, with ACO series cartridges installed, has become the standard for low flow rate full flow aviation fuel monitor applications.

### APPLICATIONS

Jet Fuel	Insulating Oil
Avgas	Hydraulic Oil
Motor Gasoline	Lubricating Oil
Diesel Fuel	Selected Solvents

### WARNING:

**Absorbent type monitor cartridges will not remove water when fuel is blended with alcohol-based blending agents that are used to make what is commonly referred to as gasohol.**



VF-61EP1/2 shown with standard accessories and (inset) with optional handles.

### \*\*\*\*\*CAUTION\*\*\*\*\*

In fuels containing anti-icing additive (Di-EGME, FSII, Prist®), stagnant water bottoms can absorb large amounts of the anti-icing additive. This water/FSII solution can disarm water-absorbing elements allowing water to pass downstream. Daily draining of the monitor vessel and of water bottoms upstream of the elements is **IMPERATIVE**. Also, changeout @ 15 psid.