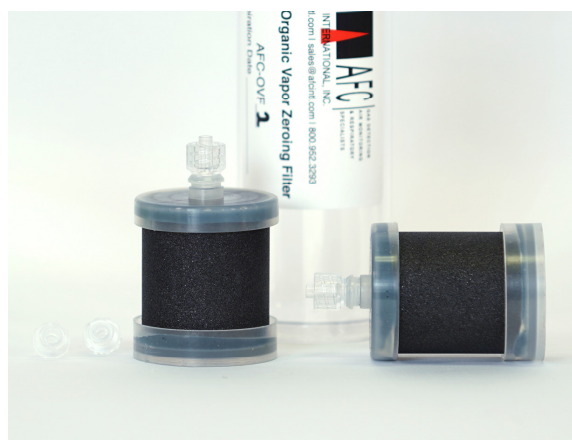




AFC International, Inc. Gas Detection & Air Monitoring Instrument Organic Vapor Zeroing Filters



Introducing the AFC International Inc., AFC-OVF organic vapor zeroing filters. These filters are used to filter out background trace levels of organics and other chemicals in the air when zeroing instruments such as photoionization detectors, infrared detectors, mass specs, IMS, and multi-sensor portable instruments. When looking for small trace levels of target gas/vapor or to minimize sensor drift due to other contaminants in the air, it is important to zero the instrument's baseline with the AFC-OVF.

The reusable AFC-OVF yields over ten to twenty times the filtering capacity of other commonly used granular charcoal filters, and at a fantastic price. The AFC-OVF uses activated charcoal as well but because of its unique design, maximizes the filtering surface area with very minimal back pressure or flow restrictions. This makes it

a perfect match for any instrument with a sample pump such as the MiniRae 3000, ppbRae 3000, UltraRae 3000, MultiRae Pro, and AreaRae Pro from Honeywell/Rae Systems, the NEO PID and POLI from mPower or the Tiger series of PID's from Ion Scientific, just to name a few. The AFC-OVF will work with any and all portable sample draw instruments, IR analyzers, as well as fixed point photoionization detectors like Honeywell's RaeGuard II, Ion Scientific's Falco, or mPower's VOXI VOC detector.

The AFC-OVF is designed to filter out volatile organic compounds (VOC's), but will also filter other chemicals that could interfere with readings like chlorine, chlorinated solvents (TCE, PCE), vinyl chloride, methylene chloride, MTBE and many others. This makes it a good fit for zeroing multigas sensor electrochemical instruments, however with some restrictions. Carbon monoxide and hydrogen will not be filtered, but organic compounds that interfere with CO sensors will be filtered out. This makes the AFC-OVF an effective confidence check device when in the field looking for specifically carbon monoxide when in areas with organics like gasoline. The AFC-OVF can be used as a confidence check while in detection mode, in the same manor for PID's. Placing the filter inline while sampling will drop the readings to zero, unless instrument is drifting due to humidity or other causes.



The AFC-OVF works with most automatic calibration/bump test stations. Just simply connect and leave connected to the fresh air inlet port of the station to ensure organic contaminants are filtered out during zeroing process. The filtering capacity of the AFC-OVF will allow for months of use before replacing. Picture to the left shows the AFC-OVF 2" connected to each cradles fresh air port via Luer lock fittings that come with the filter. AFC-OVF filters can be added to many of our Bumpstest stations. Call for details.

AFC INTERNATIONAL, INC.



AFC Organic Zeroing Filter Specifications:

Size: 2", 4", or 8" L x 1" Dia.

Material: Coconut Shell Carbon, better than OLC 12x30 mesh

Filtered Chemicals: VOC, TOC, TCE, PCE, and other Chlorinated hydrocarbons, vinyl chloride, methylene chloride, MTBE

Filter Efficiency: Filters most chemicals/VOCs below 1-2 ppb

Connectors: Comes with Luer lock fitting with 1/8" hose barb and one male to male luer fitting

Max. Pressure: 30 psi

Expected life: Better than three months, depends on the amount of chemicals in the air

Filtering Time: Suggested 30 to 60 seconds, standard

Compatibility: Any sample draw instrument, (may require additional tubing adapters)

Storage Tube: Included

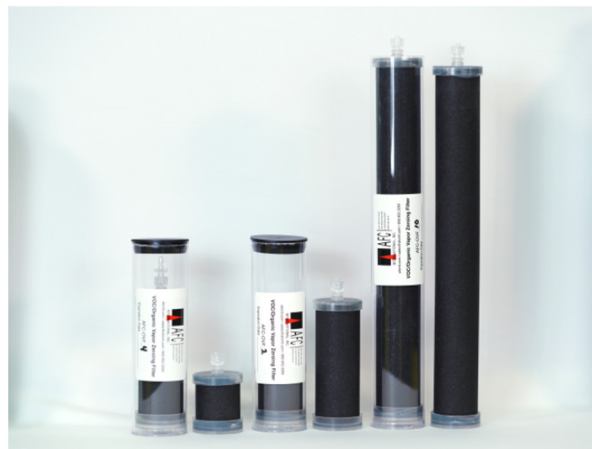
Ordering Information:

AFC-OVF-2	Two 2" OV Filters	\$80.00
AFC-OVF-4	One 4" OV Filter	85.00
AFC-OVF-8	One 8" OV Filter	175.00

Other Tube Fitting Kits:

18TFK-984	1/8" Tube Fitting Kit	95.00
316TFK-984	3/16" Tube Fitting Kit	95.00
18TFK-RAE	Rae Systems Kit	95.00

Custom Kits Available



To Order Call:
AFC International, Inc., PO Box 894 DeMotte IN 46310
Call 800.952.3293 or 219.987.6825 Fax 219.987.6826
sales@afcintl.com or www.afcintl.com