

# 405 SERIES

## Agricultural Application Particulate Removing & Water Sensing



FOR DISPOSAL INFORMATION PLEASE CONTACT YOUR NEAREST EPA OFFICE.

### Specifications

- The PetroClear® model 40510WA utilizes a 10 micron (nominal) cellulose media to remove particulate from gasolines and diesel fuels including Biodiesel and ULSD (Ultra Low Sulfur Diesel). Removes particulate 10 microns (nominal) or larger. It utilizes a super absorbent media that is laminated to the filter media for water sensing capabilities in neat gasoline and diesel fuels.
- The PetroClear® model 40530WA utilizes a 30 micron (nominal) cellulose media to remove particulate from gasolines and diesel fuels including Biodiesel and ULSD (Ultra Low Sulfur Diesel). Removes particulate 30 microns (nominal) or larger. It utilizes a super absorbent media that is laminated to the filter media for water sensing capabilities in neat gasoline and diesel fuels.
- Once PetroClear® models 40510WA and 40530WA have absorbed 5.9 ounces (175 mil) of water in neat gasoline or diesel fuels, flow will be slow and will be noticeable.
- The maximum flow rate for PetroClear® models 40510WA and 40530WA is 25 gpm (94.6 lpm). Maximum operating pressure is 50 psid (3.4 bar). Collapse pressure is 150 psid (10.3 bar). Maximum operating temperature is 250°F (139°C).
- PetroClear® models 40510WA and 40530WA utilize a standard 1.375" – 12 UNF mounting thread ref. (1" flow ) required for most spin-on filter Adapters used in agricultural applications.
- PetroClear® models 40510WA and 40530WA utilize an epoxy coated interior shell to eliminate oxidation (rusting) that can cause pinhole leaks from the inside of the filter shell.
- Adapters are available for models 40510WA and 40530WA in cast iron. These single Adapters are available in 1" NPT inlet/outlet threads.

### Benefits

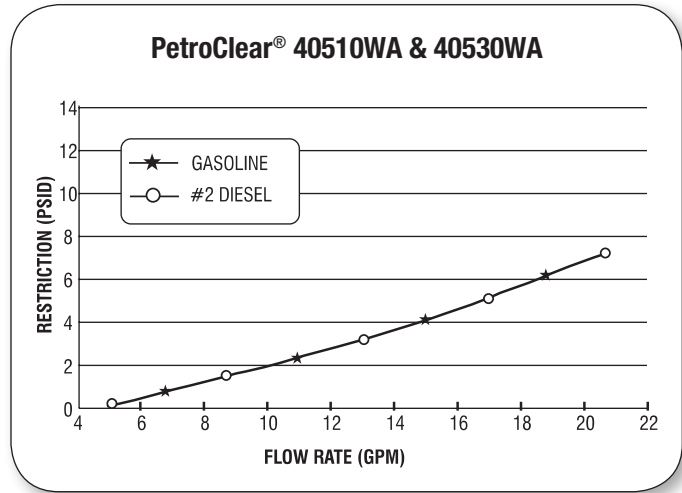
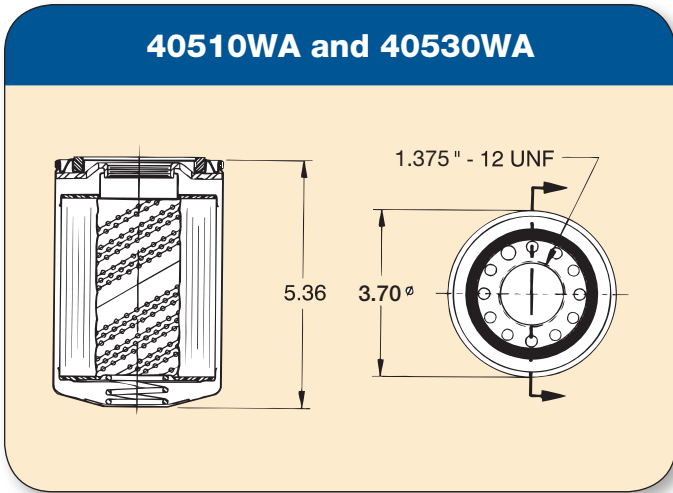
- PetroClear® models 40510WA and 40530WA are particulate removing and water sensing spin-on filters designed to remove particulate and to sense both free and emulsified water from neat gasoline, diesel, Biodiesel, ULSD (Ultra Low Sulfur Diesel), kerosene and fuel oils.
- PetroClear® models 40510WA and 40530WA are particulate and water sensing spin-on filters. These filters are designed to sense water, both free and emulsified, and slow flow as an indicator of the presence of water in neat gasoline. **THIS FILTER WILL NOT DETECT OR REACT TO WATER IN ETHANOL BLENDED GASOLINE.** (A reaction known as phase separation)
- PetroClear® model 40510WA filter offers efficient 10 micron (nominal) particulate removal and senses both free and emulsified water in neat gasoline and diesel fuels.
- PetroClear® model 40530WA filter offers efficient 30 micron (nominal) particulate removal and senses both free and emulsified water in neat gasoline and diesel fuels.
- Will not detect phase separation in Ethanol blended fuels.
- Textured paint coating helps ensure a simple, mess-free installation and removal process.

**PetroClear® Filters are NOT to be used in Aviation Fuel Applications!**

**NOTE:** If you experience frequent filter changes, it is recommended that you have fuel samples analyzed to determine the source of contamination, such as water, dirt, rust, bacteria, phase separation, etc.

# 40510WA and 40530WA

## For Fuel Dispensers



Model	40510WA	40530WA
Filter Type	Spin-On	Spin-On
Media Type	*Cellulose with Super Absorbent Media	*Cellulose with Super Absorbent Media
Micron Rating	10 Micron (nominal)	30 Micron (nominal)
Diameter	3.70"	3.70"
Height	5.36"	5.36"
Mounting Thread	1.375" - 12 UNF	1.375" - 12 UNF
Flow Rate	25 gpm (94.6 lpm)	25 gpm (94.6 lpm)
Flow	1" flow	1" flow
Shell Thickness	0.020	0.020
Gasket Material	Buna N	Buna N
Collapse (Min.)	150 psid (10.3 bar)	150 psid (10.3 bar)
Burst (Min.)	250 psi (17.2 bar)	250 psi (17.2 bar)
Max. Operating Temp.	250°F (139°C)	250°F (139°C)

\*Water Sensing & Particulate Removing

### Catalog

### Description

**Adapters Available** ..... 1.00 N1.375-12 ..... 1" NPT Inlet/Outlet Ports, 1.375" - 12 UNF (cast iron)