

408 Series

Particulate Removing with Drain Valve



40810P-DV and 40830P-DV

With Petcock Type Drain Valve
(Not for Commercial Dispenser Use)

FOR DISPOSAL INFORMATION PLEASE CONTACT YOUR NEAREST EPA OFFICE.

Benefits

- PetroClear® models 40810P-DV and 40830P-DV are particulate removing spin-on filters designed to remove particulate from neat gasoline, Ethanol blended gasolines, diesels, Biodiesel, ULSD (Ultra Low Sulfur Diesel), Kerosene and fuel oils.
- PetroClear® models 40810P-DV and 40830P-DV are particulate spin-on filters. These filters are designed for particulate removal only and will not react to water in gasoline or diesel fuel nor to phase separation in alcohol blended gasolines by slowing flow.
- PetroClear® model 40810P-DV filter offers efficient 10 micron (nominal) particulate removal.
- PetroClear® model 40830P-DV filter offers efficient 30 micron (nominal) particulate removal.
- Compatible with neat gasoline Ethanol blended fuels and diesels including Biodiesel.
- Not approved for use on retail fuel dispensers.

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

Specifications

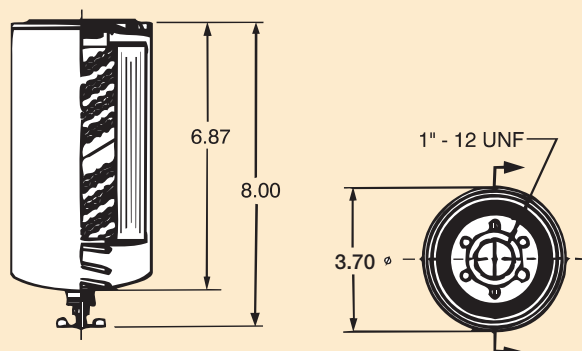
- The PetroClear® model 40810P-DV utilizes a 10 micron (nominal) cellulose media to remove particulate from gasolines and diesel fuels including Ethanol blended gasoline, Biodiesel and ULSD (Ultra Low Sulfur Diesel). Removes particulate 10 microns (nominal) or larger.
- The PetroClear® model 40830P-DV utilizes a 30 micron (nominal) cellulose media to remove particulate from gasolines and diesel fuels including Ethanol blended gasoline, Biodiesel and ULSD (Ultra Low Sulfur Diesel). Removes particulate 30 microns (nominal) or larger.
- The maximum flow rate for PetroClear® models 40810P-DV and 40830P-DV 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 40810P-DV and 40830P-DV utilize a standard 1"-12 UNF mounting thread ref. (3/4" flow) required for most spin-on filter Adapters used in aftermarket.
- Models 40810P-DV and 40830P-DV utilize a silicone treated media that repels water from fuel and prevents the water from passing through the filter into consumers' vehicles. The water settles to the dome end of PetroClear® models 40810P-DV and 40830P-DV. A petcock type drain valve located in the bottom of the filters permits convenient drainage of collected water.
- Adapters are available for models 40810P-DV and 40830P-DV in aluminum and cast iron. These Adapters are available in both NPT and BSP inlet/outlet threads. Inlet/outlet sizes are available in 3/4" and 1" single Adapters.

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.

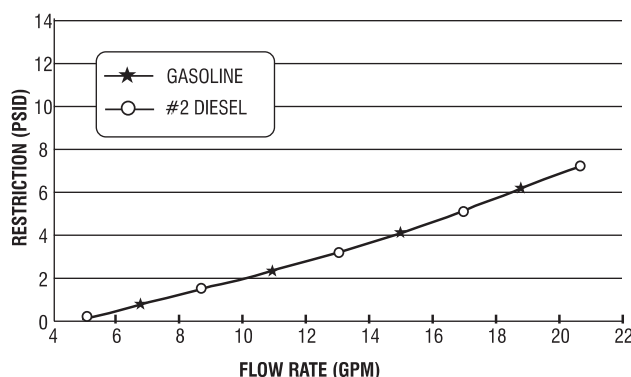
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With Petcock Type Drain Valve

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PetroClear® 40810P-DV and 40830P-DV



Model	40810P-DV	40830P-DV
Filter Type	Spin-On	Spin-On
Media Type	*Cellulose with Silicone Treatment	*Cellulose with Silicone Treatment
Micron Rating	10 Micron (nominal)	30 Micron (nominal)
Diameter	3.70"	3.70"
Height	6.87"	6.87"
Mounting Thread	1" – 12 UNF	1" – 12 UNF
Flow Rate	25 gpm (94.6 lpm)	25 gpm (94.6 lpm)
Flow	3/4" flow	3/4" 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)

*Silicone Treated & Particulate Removing

Available Adapters

Part/Model Number	Description
.75 N1-12	3/4" NPT Inlet/Outlet Ports, 1" – 12 UNF (cast iron)
.75 N1-12A	3/4" NPT Inlet/Outlet Ports, 1" – 12 UNF (aluminum)
1.00N-12	1" NPT Inlet/Outlet Ports, 1" – 12 UNF (cast iron)
1.00N1-12A	1" NPT Inlet/Outlet Ports, 1" – 12 UNF (aluminum)
.75 B1-12	3/4" BSP Inlet/Outlet Ports, 1" – 12 UNF (aluminum)
1.00B1-12	1" BSP Inlet/Outlet Ports, 1" – 12 UNF (aluminum)