

408 SERIES PARTICULATE REMOVING WITH DRAIN VALVE



40810P-DV and 40830P-DV

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

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 and small amounts of water/phase separation removal 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 (nominal = 75% efficiency).
- PetroClear model 40830P-DV filter offers efficient 30 micron nominal particulate removal (nominal = 75% efficiency).
- 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

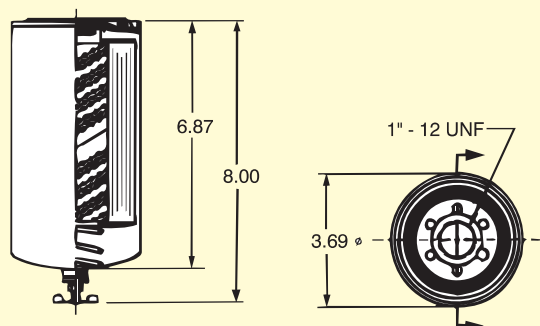
- The PetroClear model 40810P-DV utilizes a 10 micron cellulose media to remove particulate from gasolines and diesel fuels including all Ethanol blended gasoline, Biodiesel and ULSD (Ultra Low Sulfur Diesel). Removes a minimum of 75% of particulate 10 micron in size (and approximately 100% of larger particulate).
- The PetroClear model 40830P-DV utilizes a 30 micron cellulose media to remove particulate from gasolines and diesel fuels including all Ethanol blended gasolines, Biodiesel and ULSD (Ultra Low Sulfur Diesel). Removes a minimum of 75% of particulate 30 micron in size (and approximately 100% of larger particulate).
- The maximum flow rate for PetroClear models 40810P-DV and 40830P-DV is 20 gpm (76 lpm). Maximum operating pressure is 50 psid (3.4 bar). Maximum differential pressure is 25 psid (1.7 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 adaptors used in aftermarket.
- PetroClear models 40810P-DV and 40830P-DV utilize a petcock type drain valve located in the bottom of the filter for convenient drainage of collected water.
- Models 40810P-DV and 40830P-DV utilize a silicone treated media designed for applications where excessive water contamination in fuel can be dispensed and passed into consumers' vehicles.
- Adaptors are available for models 40810P-DV and 40830P-DV in aluminum and cast iron. These adaptors are available in both NPT and BSP inlet/outlet threads. Inlet/outlet sizes are available in 3/4" and 1" single adaptors.

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.

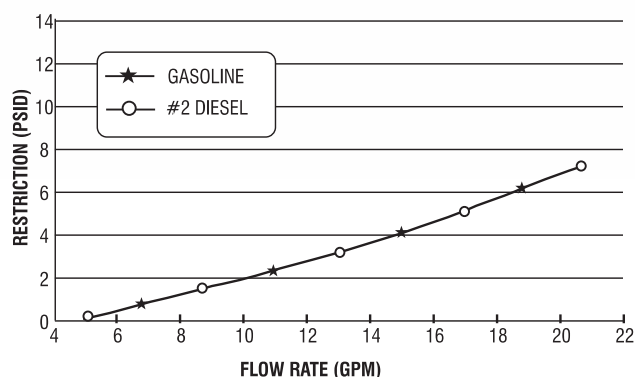
40810P-DV and 40830P-DV

With Petcock Type Drain Valve

40810P-DV and 40830P-DV



PetroClear 40810P-DV



Model	40810P-DV	40830P-DV
Filter Type	Spin-On	Spin-On
Media Type	*Cellulose with Silicone Treated	*Cellulose with Silicone Treated
Micron Rating	10 Micron (Nominal = 75% Efficiency)	30 Micron (Nominal = 75% Efficiency)
Diameter	3.69"	3.69"
Height	6.87"	6.87"
Mounting Thread	1" – 12 UNF	1" – 12 UNF
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)
Min. Operating Temp.	-20°F (-28.9°C)	-20°F (-28.9°C)
Other Features	Drain Valve (Petcock Style)	Drain Valve (Petcock Style)

*Silicone Treated & Particulate Removing

	Catalog	Description
Adaptors Available	0.75 N1-12	3/4" NPT Inlet/Outlet Ports, 1" – 12 UNF (cast iron)
	0.75 N1-12A	3/4" NPT Inlet/Outlet Ports, 1" – 12 UNF (aluminum)
	1.00 N1-12	1" NPT Inlet/Outlet Ports, 1" – 12 UNF (cast iron)
	1.00 N1-12A	1" NPT Inlet/Outlet Ports, 1" – 12 UNF (aluminum)
	0.75 B1-12	3/4" BSP Inlet/Outlet Ports, 1" – 12 UNF (aluminum)
	1.00 B1-12	1" BSP Inlet/Outlet Ports, 1" – 12 UNF (aluminum)

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PetroClear is a technological product of Champion Laboratories, Inc. Changes may occur based upon technology, process and material innovation as Champion Laboratories, Inc. strives to attain the highest levels of performance and customer satisfaction. These changes may occur without notification.