

High Performance Filtration Systems



Spin-ons • Intank • Low Pressure • Medium Pressure • High Pressure • Duplex

Western Filter products are specified on a variety of applications worldwide.



Mobile Hydraulics

- Road Building Machinery
- Logging Industry
- Power Units



Lubrication

- Paper Machines
- Steel Plants
- Power Generation
- Wind Mills



Industrial

- Fluid Conditioning
- Power Transmissions
- Lube Oil Systems
- Side Lube Systems
- Machine Tools

Specialized design, outstanding engineering capabilities and product quality are part of every Western Filter product.



NASA Space Shuttle



Boeing 787



M1 Abrams



U.S.S. Nimitz

Western Filter has numerous filters on critical applications. In space, the air, or on the ground or sea, Western Filter provides the performance needed to keep critical systems up and running.

Medium Pressure



Medium Pressure series filters are designed for continuous working pressures up to 4500 psi and flows from 20 gpm to 150 gpm. Many of the filters within this pressure range conform to the AIAG automotive HF2, HF3, and HF4 specifications.



High Pressure



High Pressure series filters are designed for pressure line applications where design flexibility is required. Besides the standard T-Type and/or L-Type porting, we offer manifold type filters to provide compact and direct mount installation. This series is rated for flow from 50 to 150 gpm and a working pressure range from 4500 psi to 6000 psi.



Duplex



Duplex filters are designed to meet the needs of critical hydraulic and lubrications circuits where continuous flow filtration is required during routine maintenance. The Duplex filters offer a working pressure range from 400 psi to 3000 psi and flows from 50 to 300 gpm.



Spin-Ons



Western Filter Spin-Ons are suitable for use on all return lines and are rated for flows up to 120 gpm. Elements are available in cellulose, synthetic, and water absorbing media. They are interchangeable with other competitive Spin-Ons. The E021 series elements can be used as air breathers. The W023 and W022 filter series incorporate port styles for using either pressure gauges/ switches or differential indicators.



Intank



The WT, WL and WR Intank series is designed for return line applications. These filters operate with pressure up to 200 psi and flows to 320 gpm. The WL16 and WL18 series offers additional design flexibility with the optional anti-drain valve for side mounting the filter to the reservoir. Filtration flow on the WR series is from inside to outside of the filter element to capture contamination inside the element. The WR11 series is designed to meet flow requirements up to 40 gpm in a light weight compact design.



Low Pressure

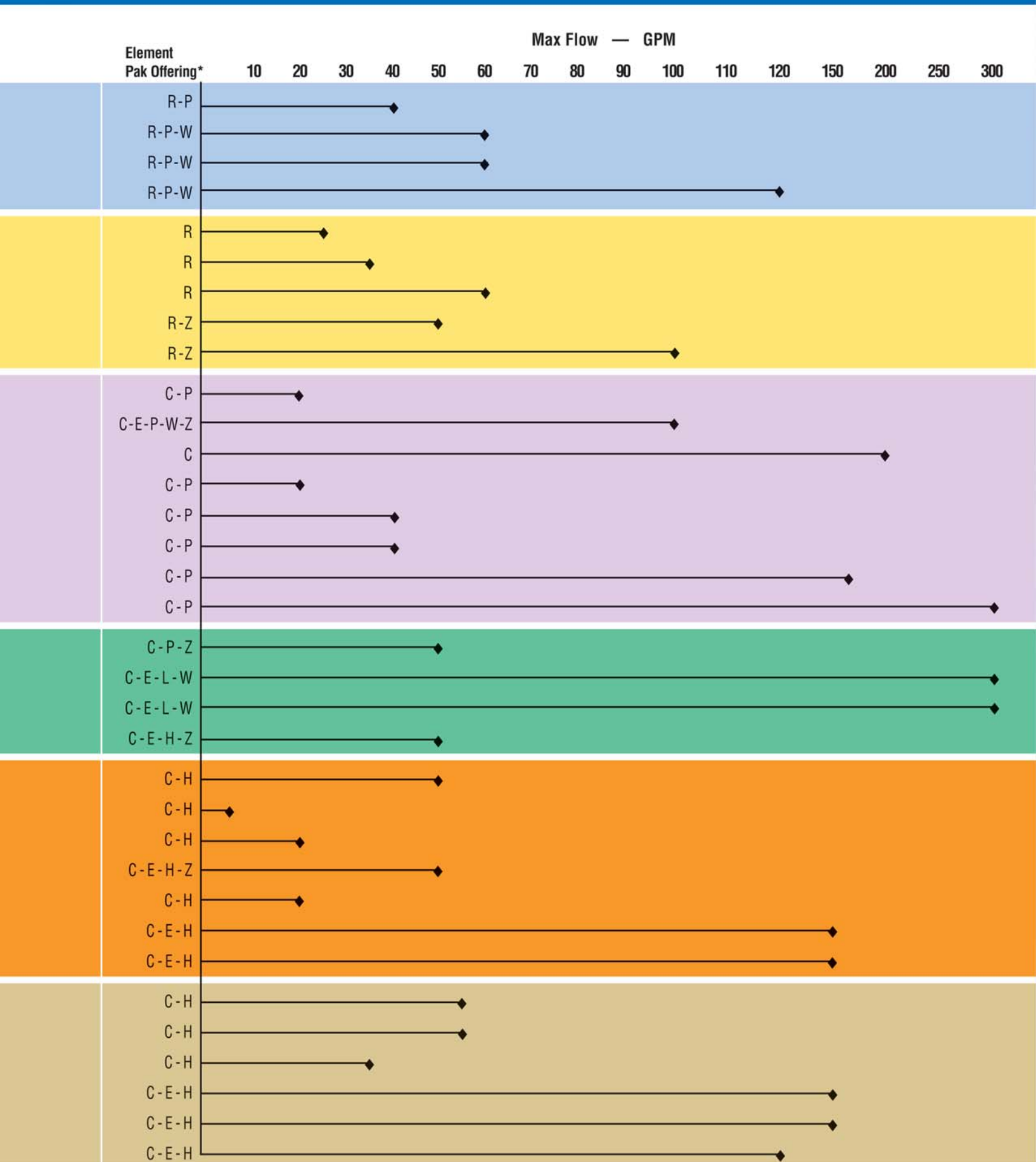


The designs offered in this filter series accommodate the need for a full range of port types and configurations. Working pressures range from 500 psi to 800 psi and are available with BetaPort™ or Coreless media.



PRODUCT OVERVIEW CHART

Filter Types	Model Series	Max Oper. Pressure	Max Flow G.P.M.	HF2/3/4	Port Configuration	Porting Types	Element Collapse Rating (PSID)	
Low Pressure Spin-Ons	W012	150	40	–	Inline	3/4" NPT & SAE 12	150	
	W015	200	60	–	Inline	1-1/4" NPT & SAE 20	150	
	W021/023	200	60	–	Inline	1-1/4" NPT & SAE 20	150	
	W022	200	120	–	Inline, Dual Head	1-1/2" NPT, SAE 24 & 1-1/2" SAE 4-Bolt Flange	150	
Medium Pressure Spin-Ons	WM25	1000	25	–	Inline	SAE 12	150	
	WM35	500	35	–	Inline	3/4" NPT, 1" NPT, SAE 20 & SAE 16	150, 300	
	WM60	500	60	–	Inline, Dual Head	SAE 20, 1-1/4" NPT, & 1-1/4" SAE 4-Bolt Flange	150, 300	
	WM50	350	50	–	Inline	1-1/4" NPT, SAE 12	200	
	WM100	350	100	–	Inline, Dual Head	SAE 24, 1-1/2" NPT, and 1-1/2" SAE 4-Bolt Flange	200	
Intank	WT15	100	20	–	Intank	SAE 12	150	
	WL16	200	100	HF4	Inline	1-1/2" NPT, SAE 24 & 1-1/2" SAE 4-Bolt Flange	150	
	WL18	200	200	–	Inline	1-1/2" NPT, SAE 24 & 1-1/2" SAE 4-Bolt Flange	150	
	WR10	100	20	–	Intank	3/4" NPT, SAE 8 & SAE 12	45	
	WR11	100	40	–	Intank	3/4" & 1" NPT, SAE 12 & SAE 16	45	
	WR14	150	160	–	Intank	3/4", 1" & 1-1/4" NPT, SAE 12, SAE 16 & SAE 20	150	
	WR15	150	160	–	Intank	1-1/2" NPT, SAE 24 & 1-1/2" SAE 4-Bolt Flange	150	
	WR17	150	320	–	Intank	2-1/2" SAE 4-Bolt Flange	150	
Low Pressure	W033	300	100	HF4	Inline, T-Type	1-1/2" NPT, SAE 24 & 1-1/2" SAE 4-Bolt Flange	150	
	W041/51	500	300	–	Inline, L-Type	SAE 24, 2" & 2-1/2" SAE 4-Bolt Flange	100, 150	
	W042	400	300	–	Inline, Duplex	3" SAE 4-Bolt Flange	100, 150	
	W061	800	100	HF3	Inline	1" & 1-1/4" NPT, SAE 12, SAE 16, SAE 20, 1" & 1-1/4" SAE 4-Bolt Flange	150, 600	
Medium Pressure	W322	3000	50	–	Inline, Duplex	SAE 16	150, 3000	
	W331	3000	6	–	Inline	SAE 8	150, 3000	
	W341	3000	20	–	Inline, T-Type	SAE 12	150, 3000	
	W350	3000	50	HF3	Inline, T-Type	SAE 12 & SAE 16	150, 3000	
	W440	4000	20	HF2	Inline, Manifold	SAE 12 & Manifold Mounting	150, 3000	
	W451	4500	150	HF4	Inline, Manifold	1-1/2" NPT, SAE 24, 1-1/2" SAE 4-Bolt Flange, Manifold Mount	150, 3000	
	W551	5250	150	HF4	Inline, Manifold	1-1/2" NPT, SAE 24 & 1-1/2" 4-Bolt Flange, Manifold Mount	150, 3000	
High Pressure	W610	6000	55	–	L-Type, Manifold	SAE 12, SAE 16, 1" SAE 4-Bolt Flange, Manifold Mounting	150, 3000	
	WS610	6000	55	–	Side Head Manifold	Manifold Mounting	150, 3000	
	W613	6500	35	–	Inline, T-Type	SAE 12, SAE 16, & 1" SAE 4-Bolt Flange	150, 3000	
	W620	6000	150	HF3	Inline, L-Type	SAE 16, SAE 20, SAE 24, 1-1/4" & 1-1/2" SAE 4-Bolt Flange	150, 3000	
	WS620	6000	150	HF3	Side Head Manifold	Manifold Mounting	150, 3000	
	W621	6000	120	HF3	Inline, T-Type	SAE 20, SAE 24, 1-1/4" & 1-1/2" SAE 4-Bolt Flange	150, 3000	



*C & R-Pak™ = BetaPore™ 5 layer media; E-Pak™ = Coreless; H-Pak™ = High Collapse; L-Pak™ = Deep Pleat; P-Pak™ = Cellulose; W-Pak™ = Water Removal



High Quality • Wide Range • High Performance • Excellent Delivery

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