



WL15

Max Flow: 50 gpm (189 lpm)



WL15 In-Tank Filters

Working Pressures to:

200 psi / 1380 kPa / 13.8 bar

Rated Static Burst to:

300 psi / 2070 kPa / 207 bar

Flow Range To:

50 gpm / 189 lpm

Applications

- Cooling Circuits
- Fluid Conditioning Systems
- Lube Oil Systems
- Meets HF4 Specification
- Process Systems
- Return Lines
- Side Loop Systems



Features

WL15 in-tank filter meets HF4 automotive standard. The quick disconnect cover allows for easy and efficient filter change outs. DT High Performance replacement filters are available in five different media grades to fit any application.

Beta Rating (per ISO 16889)

- Performance to $\beta_{slc1} = 1000$

Porting Size Options

- SAE-24 O-Ring
- 1½" SAE 4-Bolt Flange Code 61

Replacement Filter Lengths

- 9.04" / 230mm

Standard Bypass Ratings

- 50 psi / 345 kPa / 3.5 bar
- 25 psi / 172.5 kPa / 1.72 bar

Assembly Weight

- Code 3: 5.25 lbs / 2.38 kg
- Code 9 (with 11" extension tube): 6.25 lbs / 2.84 kg

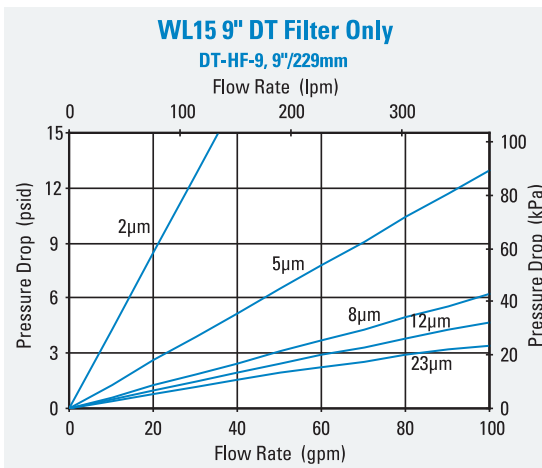
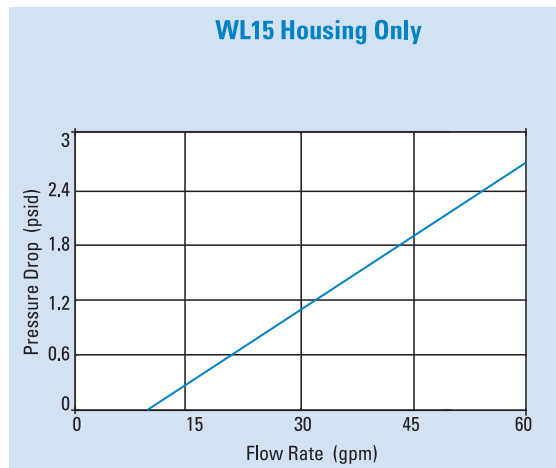
Operating Temperatures

- -45° to 250°F (-43° to 121°C)

Filter Collapse Ratings

- 150 psi / 1035 kPa / 10.3 bar

Performance Data



WL15 Components

Filter Choices

Media Type	$\beta_{x(c)} = 1000$	Length		Part No.	Comments
	Rating based on ISO 16889	in	mm		
DT Synthetic	2 μm	9.04	230	P568816	DT-HF4-9-2UM
	5 μm	9.04	230	P566270	DT-HF4-9-5UM
	8 μm	9.04	230	P566271	DT-HF4-9-8UM
	12 μm	9.04	230	P566272	DT-HF4-9-14UM
	23 μm	9.04	230	P566273	DT-HF4-9-25UM

All Donaldson DT filters utilize glass fiber media with an epoxy-based resin system for the ultimate in chemical compatibility. All Donaldson DT filters are potted with epoxy-based adhesives. Standard collapse designs are double wire-backed using epoxy-coated steel mesh for maximum pleat support and dirt capacity. Fluorocarbon seals are standard on all Donaldson DT filters.



Filter Assembly Choices

Port Size	Bypass Rating	Seal Material	Indicator Style & Location	Housing Length	Assembly Length	Part No.
SAE-24 O-Ring	25 psi / 1.72 bar	Nitrile	Port Machined & Plugged	9" (228.6mm)	12.76" (324.1mm)	P574231
SAE-24 O-Ring	50 psi / 3.45 bar	Nitrile	Port Machined & Plugged	9" (228.6mm)	12.76" (324.1mm)	P575923
SAE-24 O-Ring	25 psi / 1.72 bar	Nitrile	Port Machined & Plugged	9" (228.6mm) w/ 11" (279.4mm) extension	24.88" (631.9mm)	P575924
1-1/2" SAE 4 Bolt Flange Code 61	50 psi / 3.45 bar	Nitrile	Port Machined & Plugged	9" (228.6mm) w/ 11" (279.4mm) extension	24.88" (631.9mm)	P575925

Indicator Choices

Indicator Pressure Setting	Connector Style	Part No.
Visual Pressure Gauges, 0-60 psi		
25 psi / 172 kPa	NA	X011059
50 psi / 345 kPa	NA	X011075
Visual Pressure Gauges, 0-200 psi		
50 psi / 345 kPa	NA	X011060
Electrical Service Indicator		
18 psi / 124 kPa	Hirschman	X011061
35 psi / 241 kPa	Hirschman	X011064
18 psi / 124 kPa	Brad Harrison	X011065
35 psi / 241 kPa	Brad Harrison	X011066

Service Part Choices

Description	Part No.
Head/Bowl/Housing Seal Kit - nitrile	X011140
Head/Bowl/Housing Seal Kit - fluorocarbon	X011141
Assembly Cover Kit	X011052

Note: Some service parts may not be stocked. Please contact your Donaldson sales representative for lead time details.

WL15 Specification Illustrations

ASSEMBLY - SIDE VIEW

All dimensions are shown in millimeters [inches].

