



PURFLO™ 14 BAR LUBE FILTER, SPIN-ON FULL FLOW

# High-Performance Filtration for Your Air Compressor





# MAXIMIZE COMPRESSOR UPTIME

Downtime can often mean loss of revenue. To keep your compressor running reliably, you need filters that deliver superior performance, and a dependable supplier capable of providing complete coverage for your entire asset.

## INNOVATIVE FILTRATION SOLUTIONS

Donaldson offers the most comprehensive line of filtration solutions for portable and stationary air compressors.

- + **Industry-Leading Engineering** — Innovative filter media technology and housing construction delivers consistent, high-efficiency filtration.
- + **OE-Grade Solutions** — Donaldson is the first-fit choice of multiple equipment manufacturers around the world.

- + **Broad Application Coverage** — Portfolio includes air oil separators, air, lube, fuel, coolant, and hydraulic filters, and a wide range of exhaust filtration and accessories.
- + **Customer Service** — Knowledgeable sales and technical support teams work with you to help ensure you have exactly what you need for your systems and equipment.
- + **Distribution that Makes a Difference** — Responsive support from partners who know air compressors.
- + **Warranty** — Industry-leading coverage to help you extend the life of your valuable equipment.

With Donaldson protection, your compressor will operate longer between filter replacements, extending component service life, increasing uptime, and reducing the cost of ownership.



# PEAK PERFORMANCE WITH PURFLO

Clean oil is essential to maintaining ideal compressor performance and reducing downtime, but every speck of dust entering a compressor will mix with the oil. The purpose of a lube filter is to capture dirt and contaminants in the oil and protect the air end.

Donaldson PurFlo™ lube filters provide unique features and benefits to keep today's compressor lube systems operating at peak performance:

- + **Rugged design proven to mechanically perform beyond standard service**
- + **Filtration efficiency of 99% @ 37 µm or β37 = 100 per ISO 16889**
- + **Dependable performance with longer service life**
- + **Seals compatible with commonly used compressor fluids**
- + **Compatible with most existing designs**



# DESIGNED FOR DURABILITY

Manufactured to ISO IATF 16949 standards, Donaldson's PurFlo lube filters are designed to provide reliable performance and lubrication for your portable or stationary air compressor.

## GASKETS & SEALS

Designed to withstand the unique chemical properties of compressor fluids and their harsh operational environments.

## SEAMS

Fully tucked seams provide added strength and durability and minimize overall diameter.

## BAFFLE PLATE

The profile of our baffle plate makes our filters easy to install, reducing the chance of cross threading.

## INNER SEALS

In spin-on filters, the inner seal between the baffle plate and filter cartridge is critical. Donaldson filters use a molded elastomer seal to ensure higher efficiency.

## INNER LINER

The Donaldson louvered center tube and spiral lock seam design allows for more flow area, lower pressure drop, and greater collapse strength. The louvers all face the center of the filter, keeping the media-side surface smooth to eliminate pleat tip wear.

## FILTER CARTRIDGE

Donaldson's cartridge design uses filter media engineered to withstand the rigors of compressor applications.

## HOUSING CAN

Heavy-duty material, coated shell and rounded dome for superior pressure fatigue performance.

## INNER SPRING

Heavy-duty coil spring ensures sealing load between the baffle plate and the filter cartridge.



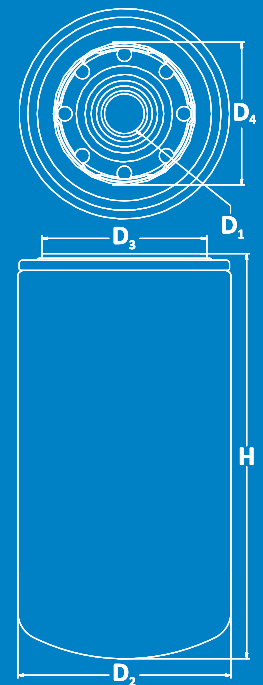
# WHY CHOOSE PURFLO LUBE FILTERS?

Clean oil maintains the efficiency of your compressor and lengthens the life of your airend and other components. Donaldson lube filters provide high efficiency and capacity for a longer service life.

Donaldson offers over 35 different grades of filtration media to tailor our lube filter designs to your specific compressor application. These can be custom-engineered to filter specific contaminants and meet element-life requirements.

Our global manufacturing and distribution capabilities help ensure that you can find the filters you need, when you need them.

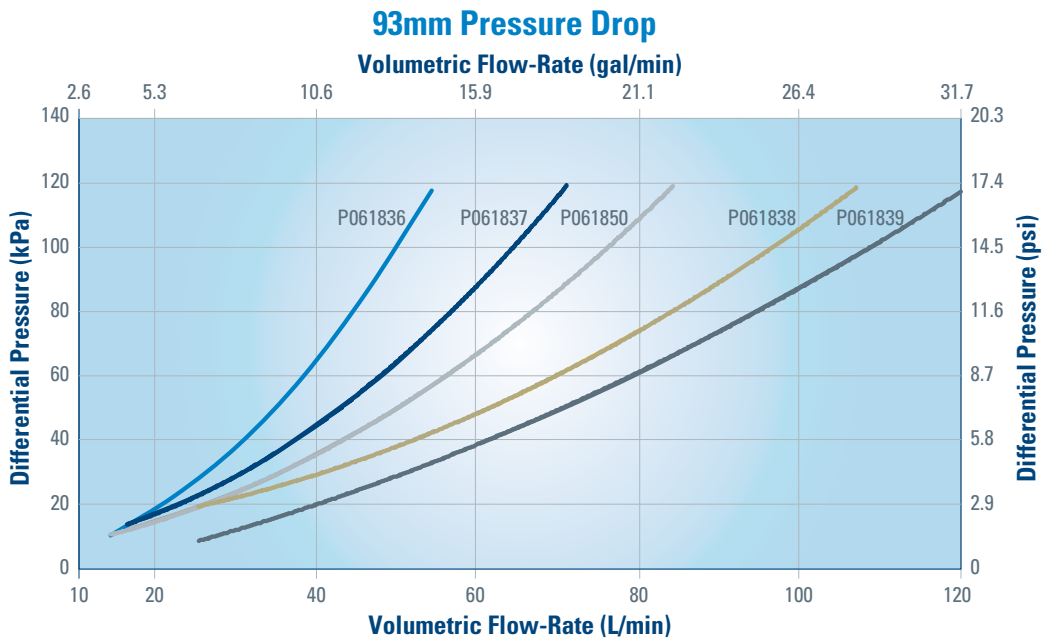
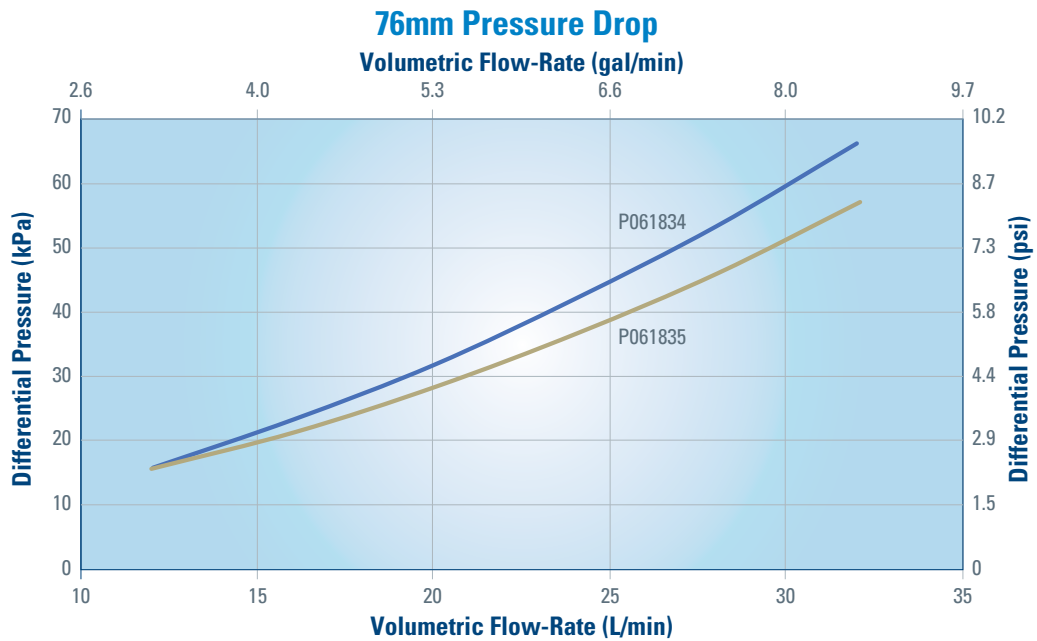
Donaldson's comprehensive cross-reference guide enables you to find the right filter for your compressor. Visit [Shop.Donaldson.com](http://Shop.Donaldson.com) for additional technical information and performance data.



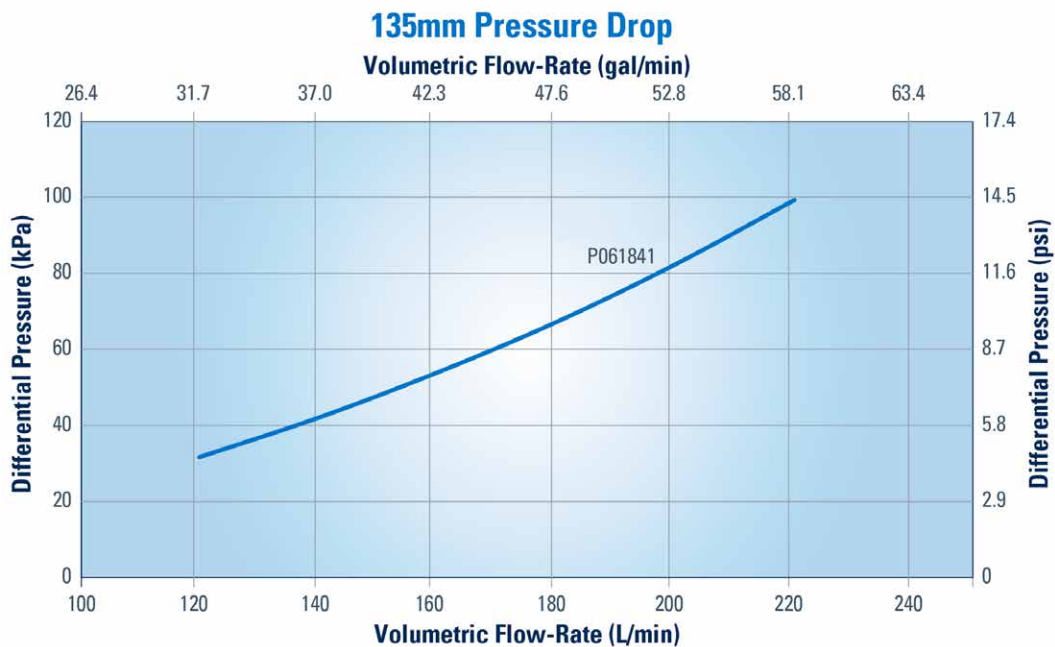
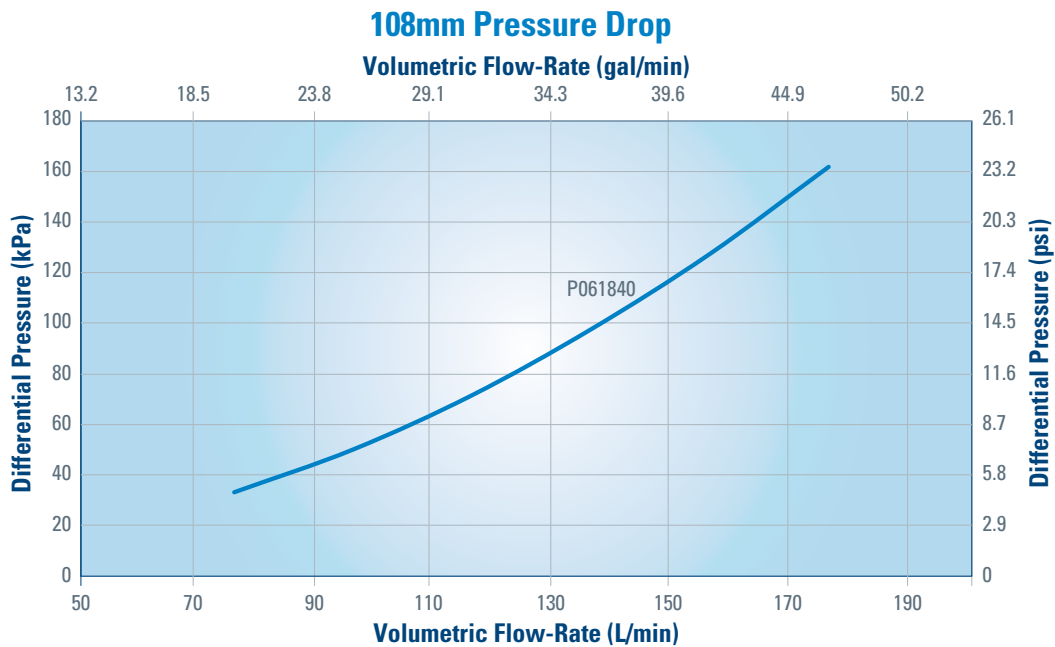
## SPECIFICATIONS & DIMENSIONS

Part Number	Nominal Flow Rate	Bypass	Dimensions in mm [inches]				
			D <sub>1</sub> Thread	D <sub>2</sub> Diameter	D <sub>3</sub> Gasket OD	D <sub>4</sub> Gasket ID	H Height
	L/min [gal/min]	Bar [psi]	Dia-Pitch UN	mm [inches]	mm [inches]	mm [inches]	mm [inches]
<b>76mm</b>							
P061834	20 [5.28]	2.5 [36.3]	3/4"-16 UNF	76 [2.99]	70 [2.76]	60 [2.36]	86 [3.39]
P061835	25 [6.61]	2.5 [36.3]	3/4"-16 UNF	76 [2.99]	70 [2.76]	60 [2.36]	120 [4.72]
<b>93mm</b>							
P061836	30 [7.93]	2.5 [36.3]	3/4"-16 UNF	93 [3.66]	72 [2.83]	62 [2.44]	93 [3.66]
P061837	50 [13.21]	2.5 [36.3]	3/4"-16 UNF	93 [3.66]	72 [2.83]	62 [2.44]	136 [5.35]
P061850	65 [17.17]	2.5 [36.3]	1"-12 UNF	93 [3.66]	71 [2.80]	61 [2.40]	136 [5.35]
P061838	65 [17.17]	2.5 [36.3]	1"-12 UNF	93 [3.66]	71 [2.80]	61 [2.40]	172 [6.77]
P061839	75 [19.82]	2.5 [36.3]	1"-12 UNF	93 [3.66]	71 [2.80]	61 [2.40]	200 [7.87]
<b>108mm</b>							
P061840	100 [26.42]	2.5 [36.3]	1 1/8"-16 UN	108 [4.25]	99 [3.90]	90 [3.54]	262 [10.31]
<b>135mm</b>							
P061841	180 [47.56]	2.5 [36.3]	1 1/2"-16 UN	135 [5.32]	109 [4.29]	100 [3.94]	308 [12.13]

# HIGH EFFICIENCY WITH LOWER PRESSURE DROP



Donaldson PurFlo filters operate at the highest efficiency levels with low pressure drop to maintain a clean environment for your compressor ecosystem.



# AFTERMARKET OPTIMIZATION

Donaldson filters are designed to meet or exceed OEM specifications. From the heavy-duty can to the louvered center tube with spiral-lock seam design, you can count on Donaldson filters to fit perfectly, maintain their seals, and outlast generic products.

## DONALDSON REPLACEMENTS FOR OTHER FILTER BRANDS

Donaldson	Mann + Hummel	Sotras	Fleetguard	Keltec
P061834	W712/4	SH8118	LF3338	KL310-017
P061835	W719/30	SH8113	LF3568	KL235-006
P061839	W962/14	SH8147	HF6205	KL450-014
P061850	W940/5	SH8224	HF6159	KL600-026
P061837	W940	SH8112	HF6315	KL320-014
P061838	W950	SH8146	LF4154	KL135-035
P061836	W920	SH8226	LF3311	KL105-021
P061840	W11102	SH8108	LF4112	KL800-019
P061841	W13145/1	SH8109	LF16245	KL200-029

### FIND YOUR RIGHT-FIT FILTER

Let us help you find the best fit for your application at [Shop.Donaldson.com](https://Shop.Donaldson.com).



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