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# Tanktop Mounted Return Line Filter - STF Series

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Part # **STF810QVP2ELC243**



The STF Series return line filters are designed for situations where the use of aluminium is restricted in applications such as marine and industrial.  
Max. flow 500 l/min - Max. pressure 10 bar.

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## Technical Specifications

Flow Rate:	0 to 450 l/min	Micron Rating:	10 µm
Bypass Valve Pressure Rating:	1.5 bar	Indicator Type:	No indicator, ports plugged L+R
Connection Type:	1½"SAE-3000 + G1	Options:	Diffuser type T
Filter Element Type:	10Q Microglass	Seal Material:	Fluorelastomer

[Safety Warning](#)

## Item Information

Items marked with an asterisk \* in the drop-down menus are standard choices.

The Parker Filtration STF Series Return Line Filters STF Tank top mounted return filters feature pre-filtration by means of a magnet column and a bypass with low hysteresis. Thanks to the "In-to-Out" filtration principle, contaminated oil cannot leak back into the system. The STF filter has a casted iron filter head assembly, making it ideal for marine and industrial applications where the use of aluminium is restricted. The filter head with multiple ports, capable of handling flow up to 500 l/min at 10 bar working pressure, represents an easy and effective way of integrating return line filtration with power packs. Optional airtight diffusers are standard to avoid air ingress in the return line.

Product Features:

- 'In-to-out' filtration design means contaminated oil cannot leak back into the system.
- Magnetic pre-filtration.
- Cast iron filter head assembly
- Multiple port configuration.
- Flows up to 500 L/min.
- 10 bar maximum working pressure.
- Optional airtight diffusers.
- LEIF® low environmental impact filter elements as standard.

Typical Applications

- Marine power pack
- Steel mills

**CAD Drawings + Files**



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