

[Home](#)[Products](#)[Support](#)[Industries](#)[Services](#)[Solutions](#)[Where to Buy](#)

[Home](#) / [Products](#) / [Filters, Collectors, Separators](#) / [Filter Assemblies and Vessels](#) / [Hydraulic Filters](#) / [Tanktop Mounted Return Line Filters](#) / TTF710QBS1EG243

Tanktop Mounted Return Line Filter - TTF Series

Part #: TTF710QBS1EG243



The TTF Series features pre-filtration by means of a magnet column and a quick response bypass with low hysteresis. Maximum pressure 10 bar. Maximum flow 500 l/min. A second return port is an available option as is a filling port in the filter cover.

[View Series Page](#) [Share / Email](#) [Print](#)

Technical Specifications

Filter Element:	10Q Microglass *	Technology:	Filtration, Hydraulics
Port Connection Type:	G1½ *	Indicator Type:	Electrical 42V, NO/NC, M10x1
Bypass Valve (bar):	1,5 *	Product Type:	Hydraulic Oil Filters
Flow Capacity (l/min):	230	Options:	Diffuser type T
Flow Rate:	0 to 400 l/min	Product Series:	TTF Series
Brand:	Parker	Product Style:	Tanktop Mounted Return Line Filter
Bypass Valve Pressure Rating:	1.5 bar	Seal Material:	Nitrile
Division:	Hydraulic & Industrial Process Filtration Division	Bypass Valve Pressure Rating:	1.5 bar
Connection Type:	G1½	Operating Pressure:	10 bar, 150 psi
Industry:	Trucks and Buses, Materials Handling, Construction	Operating Temperature:	-40 to 100 °C
Filter Element Type:	10Q Microglass	Filter Element Type:	10Q Microglass
Application:	Refuse Trucks, Mobile Cranes, Power Packs, Wheel Loaders, Drilling Equipment	Mounting Type:	Tanktop Mounted
Micron Rating:	10 µm	Indicator Pressure Setting:	1.2 bar

[Safety Warning](#)

Item Information



Parker TTF tank top mounted return line filters feature pre-filtration by means of a magnet column and a quick response bypass with low hysteresis. Thanks to the “In-to-Out” filter principle, contaminated oil cannot leak back into the system during element change.

TTF filters are available in formats capable of handling flow rates up to 500 l/min. They can operate up to a maximum working pressure of 10 bar. Options include a filling port in the filter cover, a second return port and customised diffusers can be specified.

Features and Benefits

- 10 bar rated filter can be utilised for severe return line applications for reduced downtime due to premature filter failures
- Patented *LEIF*® elements safeguard filtration quality
- Magnetic pre-filtration removes ferrous particles, even during bypass conditions for improved cleanliness levels and extended element life time
- In-to-out filtration means captured contamination is retained inside the element preventing recontamination of the filter
- Quick response bypass with low hysteresis for improved system protection.

CAD Drawings + Files

+

Related Documents

+



Parker Sales Company UK

psc.uk.webform@support.parker.com
[+44 \(0\)1926 317878](tel:+441926317878)

- + Company Information
- + Global Operations
- + Help & Support
- + Follow Us :



