

# Tanktop Mounted Return Line Filter - TTF Series

Part #: TTF505QVP2EG161EX



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.

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## Technical Specifications

<b>Brand:</b>	Parker	<b>Product Series:</b>	TTF Series
<b>Flow Rate:</b>	0 to 175 l/min	<b>Seal Material:</b>	Fluoroelastomer
<b>Bypass Valve Pressure Rating:</b>	1.5 bar	<b>Product Style:</b>	Tanktop Mounted Return Line Filter
<b>Division:</b>	Hydraulic & Industrial Process Filtration Division EMEA	<b>Bypass Valve Pressure Rating:</b>	1.5 bar
<b>Connection Type:</b>	G1	<b>Operating Pressure:</b>	10 bar, 150 psi
<b>Industry:</b>	Trucks and Buses, Materials Handling, Construction	<b>Operating Temperature:</b>	-20 to 120 °C
<b>Filter Element Type:</b>	05Q Microglass	<b>Filter Element Type:</b>	05Q Microglass
<b>Application:</b>	Refuse Trucks, Mobile Cranes, Power Packs, Wheel Loaders, Drilling Equipment	<b>Mounting Type:</b>	Tanktop Mounted
<b>Micron Rating:</b>	5 µm	<b>Housing Material:</b>	Aluminium
<b>Technology:</b>	Filtration, Hydraulics	<b>Specifications Met:</b>	Degree of filtration determined by multipass test according to ISO 16889.
<b>Product Type:</b>	Hydraulic Oil Filters	<b>Indicator Pressure Setting:</b>	No indicator
<b>Indicator Type:</b>	No indicator, port plugged L+R		
<b>Options:</b>	No Diffuser, Atex		

[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.

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#### CAD Drawings + Files



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#### Related Documents



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