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Tanktop Mounted Return Line Filter - TTF Series

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Part #: TTF610QVS1EG241

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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

Flow Rate:	0 to 320 l/min	Options:	No Diffuser
Brand:	Parker	Product Series:	TTF Series
Division:	Hydraulic & Industrial Process Filtration Division EMEA	Product Style:	Tanktop Mounted Return Line Filter
Bypass Valve Pressure Rating:	1.5 bar	Seal Material:	Fluoroelastomer
Connection Type:	G1½	Bypass Valve Pressure Rating:	1.5 bar
Industry:	Trucks and Buses, Materials Handling, Construction	Operating Pressure:	10 bar, 150 psi
Filter Element Type:	10Q Microglass	Operating Temperature:	-20 to 120 °C
Application:	Refuse Trucks, Mobile Cranes, Power Packs, Wheel Loaders, Drilling Equipment	Filter Element Type:	10Q Microglass
Micron Rating:	10 µm	Mounting Type:	Tanktop Mounted
Technology:	Filtration, Hydraulics	Housing Material:	Aluminium
Indicator Type:	Electrical 42V, NO/NC, M10x1	Specifications Met:	Degree of filtration determined by multipass test according to ISO 16889.
Product Type:	Hydraulic Oil Filters	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



• Parker 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



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