

Tanktop Mounted Return Line Filter - TTF Series

Part # TTF510QBP2EG163



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
Flow Capacity (l/min):	150 *	Indicator Type:	No indicator, port plugged L+R
Bypass Valve (bar):	1,5 *	Product Type:	Hydraulic Oil Filters
Port Connection Type:	G1 *	Options:	Diffuser type T
Flow Rate:	0 to 180 l/min	Product Series:	TTF Series
Brand:	Parker	Product Style:	Tanktop Mounted Return Line Filter
Division:	Hydraulic & Industrial Process Filtration Division EMEA	Seal Material:	Nitrile
Bypass Valve Pressure Rating:	1.5 bar	Bypass Valve Pressure Rating:	1.5 bar
Connection Type:	G1	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:	No indicator

[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



elements safeguard filtration quality

[Home](#)

• Magnetic pre-filtration removes ferrous particles, even during bypass conditions for improved cleanliness levels and extended element life time

[Products](#)

• In-to-out filtration means captured contamination is retained inside the element preventing recontamination of the filter

[Support](#)

• Quick response bypass with low hysteresis for improved system protection.

[Industries](#)

CAD Drawings + Files



[Services](#)

Related Documents

[Solutions](#)



[Where to Buy](#)



Parker Sales Company UK

psc.uk.webform@support.parker.com

[+44 \(0\)1926 317878](tel:+44(0)1926317878)

+ [Company Information](#)

+ [Global Operations](#)

+ [Help & Support](#)

+ [Follow Us :](#)

© PARKER HANNIFIN CORP 2023

ENGINEERING YOUR SUCCESS.

[SITE MAP](#) [SAFETY](#) [PRIVACY POLICIES](#) [TERMS AND CONDITIONS](#)



[Home](#)

[Products](#)

[Support](#)

[Industries](#)

[Services](#)

[Solutions](#)

[Where to Buy](#)
