

## Tanktop Mounted Return Line Filter - TTF Series

[Solutions](#)

Part #: TTF510QLBG1HG16A

[Where to Buy](#)

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

Brand:	Parker	Product Type:	Hydraulic Oil Filters
Flow Rate:	0 to 180 l/min	Options:	Diffuser type T, No magnets
Bypass Valve Pressure Rating:	2.0 bar	Product Series:	TTF Series
Division:	Hydraulic & Industrial Process Filtration Division EMEA	Product Style:	Tanktop Mounted Return Line Filter
Connection Type:	G1	Seal Material:	Nitrile
Industry:	Trucks and Buses, Materials Handling, Construction	Bypass Valve Pressure Rating:	2.0 bar
Filter Element Type:	10QL Ecoglass	Operating Pressure:	10 bar, 150 psi
Application:	Refuse Trucks, Mobile Cranes, Power Packs, Wheel Loaders, Drilling Equipment	Operating Temperature:	-40 to 100 °C
Micron Rating:	10 µm	Filter Element Type:	10QL Ecoglass
Technology:	Filtration, Hydraulics	Mounting Type:	Tanktop Mounted
Indicator Type:	Visual M10x1	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



- Protects UL/ULC 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.

[Support](#)

## CAD Drawings + Files



[Industries](#)

## Related Documents



[Solutions](#)

[Where to Buy](#)



**Parker Sales Company UK**

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

+ 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](#)

---

