

# Tanktop Mounted Return Line Filter - TTF Series

Part #: TTF420QBG1EG123



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

Flow Capacity (l/min):	120	Technology:	Filtration, Hydraulics
Bypass Valve (bar):	1,5 *	Indicator Type:	Visual M10x1
Port Connection Type:	G3/4 *	Product Type:	Hydraulic Oil Filters
Filter Element:	20Q Microglass *	Options:	Diffuser type T
Brand:	Parker	Product Series:	TTF Series
Flow Rate:	0 to 180 l/min	Seal Material:	Nitrile
Bypass Valve Pressure Rating:	1.5 bar	Product Style:	Tanktop Mounted Return Line Filter
Division:	Hydraulic & Industrial Process Filtration Division	Bypass Valve Pressure Rating:	1.5 bar
Connection Type:	EMEA G3/4	Operating Pressure:	10 bar, 150 psi
Industry:	Trucks and Buses, Materials Handling, Construction	Operating Temperature:	-40 to 100 °C
Filter Element Type:	20Q Microglass	Filter Element Type:	20Q Microglass
Application:	Refuse Trucks, Mobile Cranes, Power Packs, Wheel Loaders, Drilling Equipment	Mounting Type:	Tanktop Mounted
Micron Rating:	20 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



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

[Help & Support](#)

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

[Industries](#)

**CAD Drawings + Files**



[Where To Buy](#)

**Related Documents**



**Americas**

USA, Canada, Mexico

[cparker@support.parker.com](mailto:cparker@support.parker.com)  
[1-800-272-7537](tel:1-800-272-7537)

**Europe**

[00800 27 27 5374](tel:00800-27-27-5374)

**AOG (Aircraft on Ground)**

[1-949-851-4357](tel:1-949-851-4357)

+ [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](#) ▾

[Help & Support](#)

[Industries](#)

[Where To Buy](#)

---