

# FPR Filter



The Turbosmart FPR Series you know and love, now with the added convenience of an inbuilt filter!

The Turbosmart FPRF6/8/10 Series offers market-leading fuel control and response through a true 1:1 ratio, along with superior flow and bypass capacity, for vehicles equipped with - 6/8/10AN fuel systems. Utilising our stainless steel valve seat and Mil-Spec diaphragm, the FPRF6 Series is suitable for all Fuel types, including Race Fuel and aggressive leaded fuels. The integrated 10-micron washable stainless steel mesh cartridge filter provides maximum filtration with minimal restriction, meaning cost-effective insurance for your high-performance and motorsport engine. 1/8" NPT gauge fittings

- MILSPEC diaphragm
- Suitable for all fuels
- **Directional** feed logic
- 1:1 true reference pressure ratio
- 35-80psi base pressure adjustable

<b>Mechanical Data</b>	<b>FPRF6</b>	<b>FPRF8</b>	<b>FPRF10</b>
Control diameter		8mm	
Horsepower Rating		2000HP	
Safe working pressure max.	1240 kPag / 180 psig / 12 bar		
Actuator life	>10000k cycles @ 180°C ambient		
Piston pressure bias	1:1		
Max. spring base pressure	550 kPag // 80 psig // 5.51 bar		
Min. spring base pressure	240 kPag // 35psig // 2.41 bar		
<b>Port fittings type</b>			
Signal:	2 x 1/16" NPT		
Tank In	-10AN		
Tank Out	-10AN		
Rail Out	-10AN		
Rail In	-10AN		

<b>Thermal Data</b>	
Min. Operating Temperature	-30°C
Max. Operating Temperature	200°C

<b>Regulated Flow Data</b>	
L/h @35psig	498
L/h @80psig	1156
gal/min @35psig	2.19
gal/min @80psig	5.08
Regulation Slope	2.12kPa/Lh (0.0644psi/Gpm)

<b>Material Data</b>	
Beryllium (Be)	0%
Main body	6262 T6 anodised Al.
Valve	Stainless Steel
Valve Seat	Stainless Steel
Elastomers	Viton
Diaphragm	Proprietary MILSPEC
Springs	17-7 Stainless Steel

<b>Order Data</b>	
TS-0404-1522	FPRF6 Black
TS-0404-1532	FPRF8 Black
TS-0404-1542	FPRF10 Black

<b>Accessories</b>	
	<i>Refer to catalogue for accessories</i>
TS-0402-2023	0-100psi Liquid Filled Gauge
TS-0402-1123	1/8" NPT to 1/8" NPT Female 90°
TS-0402-3101	10um Fuel Filter 41x74 Replacement
TS-0402-3102	Canister Fuel Filter O-Ring Replacement
TS-0402-3103	Inline Fuel Filter O-ring Replacement
TS-0402-3104	Billet Bracket for 2" Billet Inline Fuel Filter
TS-0402-3105	Billet Bracket for Canister Fuel Filter
TS-JO-0810-BK	Black, -8 AN Flare to -10 AN ORB Male Straight
TS-JO-0810-CL	Clear, -8 AN Flare to -10 AN ORB Male Straight
TS-JO-0610-BK	Black, -6 AN Flare to -10 AN ORB Male Straight
TS-JO-0610-CL	Clear, -6 AN Flare to -10 AN ORB Male Straight

\*Power calculated is using industry average values, please allow for some safety margin for your application, if in doubt, the next size up regulator is a safe decision.

FPR F6/8/10

