

FFC-112

3600 PSIG Filters (Aluminum)



Compressed Natural Gas (CNG) powered vehicles such as airport shuttles, delivery vehicles, medium and light duty trucks and buses, taxis, and passenger vehicles have come to rely on the Parker Finite FFC-112 Filter Series to protect critical engine components from contamination present in CNG fuel.

The submicronic solid and lubricant aerosols that may be carried over during CNG compression process as well as contaminants that can be generated by the storage and distribution of the natural gas, must be removed to protect the fuel injectors and pressure reducing valves onboard CNG vehicles. The FFC-112 Filter Series offers two Coalescing efficiencies of 95% (Grade 10) or 99.97% (Grade 6) to meet your filtration requirements. Both 1/4" NPT and SAE-6 port connections are available in the FFC-112 Filter Series and the housing is rated for 3600 psig (248 barg). It is small in size, yet the robust lightweight aluminum design allows for versatile installation and easy servicing. The housing is anodized for long life and corrosion resistance in the harshest operating environments.

There are two new variations of the FFC-112 Filter Series available. The Long bowl (FFC-112L) comes with a longer bowl with no drain plug, while the Extended bowl (FFC-112E) comes with the longer bowl along with the same stainless steel SAE-6 ported drain plug as the standard FFC-112. These versions with the longer bowls have up to 5 times the sump capacity as the standard FFC-112 filter housing for those applications where liquid contamination is a problem.

Contact Information:

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Features and Benefits:

- Protects critical engine components such as fuel injectors and regulators
- Three different variations
 - » Standard length with drain plug (FFC-112)
 - » E-Extended bowl with drain plug (FFC-112E)
 - » L-Long bowl with no drain plug (FFC-112L)
- Robust anodized aluminum construction can withstand harsh operating environments
- Two different coalescing efficiencies available, 95% (Grade 10) and 99.97% (Grade 6)
- Large sump capacity
- Small, lightweight size
- 1/4" NPT and SAE port sizes
- Mounting bracket kit available
- ECE-R110 Certified Standard (FFC-112) and Long Bowl (FFC-112L)



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Specifications:

Model Number	Port Size	Max. Pressure	Max. Temp.	Materials of Construction			Seals	Sump Capacity	Weight	Dimensions	
				Head	Internals	Bowl				Length	Width
FFC-112	1/4" NPTF	3600 PSIG (248 barg)	250°F (121°C)	Anodized Aluminum	Nylon Microglass	Anodized Aluminum	Fluorocarbon	0.5 oz. (15 cc)	1.1 lbs (0.5 kg)	4.73" (120.1 mm)	2.28" (57.8 mm)
FFC-112-SAE	SAE-6	3600 PSIG (248 barg)	250°F (121°C)					0.5 oz. (15 cc)	1.1 lbs (0.5 kg)	4.73" (120.1 mm)	2.28" (57.8 mm)
FFC-112E	1/4" NPTF	3600 PSIG (248 barg)	250°F (121°C)					2.5 oz. (75 cc)	1.9 lbs (0.9 kg)	8.48" (215.4 mm)	2.28" (57.8 mm)
FFC-112E-SAE	SAE-6	3600 PSIG (248 barg)	250°F (121°C)					2.5 oz. (75 cc)	1.9 lbs (0.9 kg)	8.48" (215.4 mm)	2.28" (57.8 mm)
FFC-112L	1/4" NPTF	3600 PSIG (248 barg)	221°F (105°C)					2.5 oz. (75 cc)	1.9 lbs (0.9 kg)	8.48" (215.4 mm)	2.28" (57.8 mm)
FFC-112L-SAE	SAE-6	3600 PSIG (248 barg)	221°F (105°C)					2.5 oz. (75 cc)	1.9 lbs (0.9 kg)	8.48" (215.4 mm)	2.28" (57.8 mm)

Flow Rates (SCFM):

SCFM in Natural Gas												
Filter Housing Model	Media Grade	Coalescing Efficiency	100 PSIG	250 PSIG	500 PSIG	750 PSIG	1000 PSIG	1500 PSIG	2000 PSIG	2500 PSIG	3000 PSIG	3600 PSIG
All FFC-112 Models	6	99.97%	12	28	55	81	108	161	214	267	321	384
	10	95%	18	42	82	122	162	242	321	401	481	576

How to Order:

								Port	Element Grade			
F	F	C	-	1	1	2	Omit for Standard Bowl	-	Omit for NPT	Omit for NPT	6	10
								SAE	-			

Examples:

FFC-112-6
 FFC-112E-SAE-10
 FFC-112L-10

Replacement Element Kit Available:

Filter Housing Model	Media Grade 6	Media Grade 10
All FFC-112 Models	CLS112-6K	CLS112-10K

Replacement Element kits include element, head-to-bowl o-ring, and lube.

Mounting Bracket Kit: MB-2S

Kit includes bracket and 2 cap screws.

