

# 3600 PSIG Pressure Filters

## FFC-112

CNG powered vehicles such as airport shuttles and taxis use FFC-112 filters, which are installed on these vehicles. They protect critical engine components from contaminants present in CNG fuel.



CNG powered engine components such as fuel injectors and pressure reducing valves require contaminant free air. Submicronic solid or lubricant aerosols may carry over during CNG compression. Contaminants can also be generated in the storage and distribution of the natural gas, and may eventually enter the vehicle's storage tank. Both 1/4" NPT and 9/16" SAE connections are available on this 3600 PSIG rated assembly. The machined aluminum housing is anodized to enhance durability. It's robust yet small, lightweight size allows for versatile installation and easy servicing.

### 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" NPT	3600 PSIG (248 bar)	225°F (107°C)	Anodized Aluminum	Acetal Plastic	Anodized Aluminum	Buna-N	0.5 oz. (14.8 ml)	1.5 lbs. (0.68 kgs.)	4.75" (120.65mm)	2.25" (57.15mm)
FFC-112 SAE	9/16" SAE	3600 PSIG (248 bar)	225°F (107°C)	Anodized Aluminum	Acetal Plastic	Anodized Aluminum	Buna-N	0.5 oz. (14.8 ml)	1.5 lbs. (0.68 kgs.)	4.75" (120.65mm)	2.25" (57.15mm)

### Flow Rates (SCFM):

Filter Housing Model	Media Grade	100 PSIG	250 PSIG	500 PSIG	750 PSIG	1000 PSIG	1500 PSIG	2000 PSIG	2500 PSIG	3000 PSIG	3600 PSIG
FFC-112/FFC-112 SAE	6	10	23	45	67	88	132	176	219	263	315
	10	15	35	67	100	133	198	263	329	394	473

### How to Order:

How to Order:							Port		Element Grade
F	F	C	-	1	1	2	Leave blank for NPT	-	6 10
Examples: FFC-112-6 or FFC 112 SAE 10							SAE		

Examples: FFC-112-6  
or FFC-112 SAE-10

### Replacement Elements Available:

Filter Housing Model	Media Grade 6	Media Grade 10
FFC-112/FFC-112 SAE	CLS112-6 X 10	CLS112-10 X 10

Note: X 10 in the part number denotes how many elements are sold in a box.

Mounting bracket available: MB-2S

# FFC-113

Many large CNG powered vehicles, such as buses used in city transit systems rely on FFC-113 filters, which are installed onboard the vehicle itself. They protect critical engine components from contaminants present in alternative fuel gas systems.



The FFC-113 is a popular filter choice onboard alternative fuel vehicles. Tiny solid and liquid contaminants can foul critical engine components, diminishing engine performance. These contaminants are typically generated during the compression, storage, and dispensing of alternative fuel gases like CNG. The FFC-113 removes sub-micronic contaminants with removal efficiencies from 95% to 99.97% ensuring long service intervals for components like fuel injectors.

Its robust 303 stainless steel construction and 3600 PSIG design pressure and relatively light weight combine to provide a unit that will withstand the harsh operating environments found on heavy duty vehicles like buses and trucks. It is supplied with 1/2" NPT connections and is designed for flows exceeding 1550 SCFM at 3600 PSIG.

## Specifications:

Model Number	Port Size (NPT)	Max. Pressure	Max. Temp.	Materials of Construction			Seals	Sump Capacity	Weight	Dimensions	
				Head	Internals	Bowl				Length	Width
FFC-113	1/2"	3600 PSIG (248 bar)	175°F (79°C)	303 Stainless Steel	303 Stainless Steel	303 Stainless Steel	Fluoro-carbon	5.0 oz. (147.9 ml)	5.5 lbs. (2.5 kgs.)	8.06" (204.7mm)	2.97" (75.44mm)

## Flow Rates (SCFM):

Filter Housing Model	Media Grade	100 PSIG	250 PSIG	500 PSIG	750 PSIG	1000 PSIG	1500 PSIG	2000 PSIG	2500 PSIG	3000 PSIG	3600 PSIG
FFC-113	6	25	58	112	167	221	330	439	548	657	788
	10	50	115	224	333	442	660	878	1096	1314	1576

## How to Order:

								Element Grade
F	F	C	-	1	1	3	-	6 10
Example: FFC-113-6								

## Replacement Elements Available:

Filter Housing Model	Media Grade 6	Media Grade 10
FFC-113	DLS113-6 X 6	DLS113-10 X 6

Note: X 6 in the part number denotes how many elements are sold in a box.