

Low Pressure Compressed Natural Gas Fuel Filter FFC-110

User Guide

Today's new fuels have the same old problem... particulate contamination that collects during handling and water that condenses in tanks. Parker Finite anticipated the need for ultrafine filtration at the pressures required by compressed natural gas. The answer is the industry's first, most complete and most efficient line of CNG filters.



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Features and Benefits:

- High grade aluminum construction
- High burst pressure
- Powder coated finish
- Long term corrosion protection

Installation:

1. Find a location downstream the pressure regulator to allow coalescing and filtration at low pressure (500 psi max)
2. Mount the filter in an accessible location for easy servicing (use connections approved by the American Gas Association (A.G.A) and Department of Transportation (D.O.T))
3. Install fuel lines with the fuel entering the filter into the inlet port and exiting through the outlet port
4. Test for leaks with system pressurized, by using leak detection fluid

Applications:

- Protecting engine components in natural gas vehicles
- Removes oil, water, and solid contamination from compressed natural gas
- Removes over 99.97% of all aerosols in the .3 to .6 micron range



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Service:

CAUTION: The FFC-110 must not be under pressure during servicing. Doing so may cause serious injury. **Close the shut off valve, mentioned above, and slowly relieve line pressure before attempting service.**

Replacing the element: Change the element at regular oil change intervals or every 6000 miles. Using bottom flats, unscrew bowl to remove the old element. Replace the element with the proper grade and reinstall element.

Draining: Drain the housing every 2000 miles or as necessary. Open valve and drain until liquid is removed. Close valve when completed.

Specifications:

MODEL NUMBER: **FFC-110-***

REPLACEMENT ELEMENT: **CLS110-***

PORT CONFIGURATION: **1/4" NPTF PORTS**

SUMP CAPACITY: **5.1OZ / 150CC**

MAXIMUM OPERATING PRESSURE: **800 PSIG/55 BARG**

MAXIMUM OPERATING TEMPERATURE: **175°F/79°C**

MAXIMUM DIFFERENTIAL AT REPLACEMENT: **10 PSID/0.7 BARD**

FLOW DIRECTION: **IN-TO-OUT**

RATED FLOW: **SEE TABLE**

RATED COALESCING EFFICIENCY: **SEE TABLE**

MOUNTING: **VERTICAL AS SHOWN**

ASSEMBLY WEIGHT: **APPROXIMATELY 1.5 LBS / 0.7 KG**

