



Clean Air Power
 13615 Stowe Drive
 Poway, CA 92064, USA
 +1 858 332 4000
www.cleanairpower.com

Low-Pressure Coalescing Filter

model 620360

for medium and heavy duty nav engines



The Clean Air Power coalescing filter is designed to meet the needs of medium and heavy-duty gaseous-fueled engines. It features a high flow rating and large holding capacity for the undesired impurities normally found in the fuel. It provides the necessary protection needed for fuel injectors and other precision components within the gaseous fuel systems.

The coalescing filter has removal efficiency greater than 99.97 % in the .3 to .6 micron particles range. The filter element is made of .01-micron microglass fibers constructed in a tubular form. During operation, fuel is forced through the coalescing media from the inside of the cartridge through the tubular wall to the outside, where the large droplets fall to the bottom of the housing. Oily water emulsion accumulates in the sump located in the bottom of the housing until drained. Vapor-phase oil carryover that cannot be removed by any coalescing filter should be eliminated at the gas fueling station.

The housing is made of high tensile strength aluminum for pressurized gas up to 500 psig with a safety factor of 4:1.

The element replacement kit for the filter (Part No. 700060) consists of the filter element, the housing O-ring and the drain plug O-ring.

Various inlet and outlet SAE fittings are available upon request. This filter is certified to the ECE R110 Regulation.

Specifications

Max operating pressure	500 psig 34.5 bar
Max. flow rate of natural gas	54 SCFM @ 100 psig
Design safety factor	4 to 1
Operating temperature	-40 to 175°F -40 to 80°C
Sump capacity	4.7 fl. oz 140 ml
Weight (dry)	2.2 lbs 1.0 Kg
Overall length	9.20 in 234 mm
Diameter	3.24 in 82 mm
Clearance required to remove bowl	5.5 in 140 mm
Housing material	6061 aluminum
Port size (inlet & outlet)	SAE-8 straight thread O-ring (3/4-16 UNF-2B thread)
Coalescing efficiency	99.97% .3 to .6 micron particles
Certification	ECE R110



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