



"A leading worldwide supplier of high efficiency filters for a variety of industries and applications."

NGV HIGH PRESSURE FILTER ASSEMBLY

Natural Gas Vehicle (NGV) Systems require high efficiency filtration to protect on board fuel systems from particles and condensed liquid. Our unique microfiber (70CS) coalescing element provides the utmost protection in a compact and robust design. The 70CS elements are 100 percent glass fiber which provides a 95%+ efficiency rating of 0.01 micron for liquids and particles. Just as importantly, the glass fiber construction allows liquids to drain quickly, thus allowing a highly efficient coalescing process to continue with a low pressure drop.



Features:

- Rugged, 100% Machined Anodized Aluminum Construction
- 3600 Maximum PSIG Rating
- Available in 9/16 SAE or 1/4" NPT
- Remove 95%+ Of Oil, Water, & Solids From Compressed Natural Gas
- Comes Complete With 70CS Element

Applications:

- NGV (Natural Gas Vehicle)
- Gas Cylinder Filter
- After Market NGV Conversion Kits

The robust housing is easy to service with a hex base, providing multiple angle wrench points. A Buna-N o-ring is captured in the bowl, keeping it clear debris, and just as importantly securely fitted for positive re-sealing after filter element maintenance.

The filter element itself is encapsulated on a threaded retainer for a secure seal in the housing. This design keeps the element off the drain port, allowing liquid to drain quickly and freely from the system. Finally, the housing is anodized for corrosion protection, and the housing details are engraved for permanent identification. Private labeling is also available.

Replacement Element Kit: TRE-12-57-70CS

Each Kit Includes: TRE-12-57-70CS Element, Replacement Housing O-Ring, & Super Lube Pack



- 15 SCFM at 0.43 PSID – Superior Flow Rate
- 95%+ Efficiency
- Material of Construction:
 - Borosilicate Glass
 - Nylon
 - Buna-N
 - Stainless Steel
 - Techbond 246 Adhesive

NGV HIGH PRESSURE FILTER ASSEMBLY

- After Market NGV Filter
- Compact, Robust Design
- 9/16 SAE or 1/4" NPT In Stock For Immediate Delivery
- Customization Available



TECHNICAL INFORMATION

Housing Model	315ALHP-SAE	315ALHP-1/4"
Port Size	9/16 SAE	1/4" NPT
Drain Type	9/16 SAE	1/4" NPT
Maximum Pressure (psig)	3600	3600
Maximum Temperature (°F)	240	240
Internal Volume (cc)	45	45
Weight of Housing (lbs)	2.0	2.0
Principle Dimensions: (inches)		
Center Of Port To Head	0.51	0.51
Port-To-Port	2.28	2.12
Head Diameter	2.28	2.28
Overall Length	4.76	4.76
Element Removal Clearance	3.50	3.50
Filter Element Codes: (1)		
Disposable Element (Standard)	TRE-12-57-70CS	TRE-12-57-70CS
Stainless Steel Element	TR-SS-12-57-□	TR-SS-12-57-□
PEL Element	TR-PEL-12-57-□	TR-PEL-12-57-□
PTFE Element	TR-PT-12-57-□	TR-PT-12-57-□
Materials Of Construction:		
Head and Bowl	Aluminum	Aluminum
Internals	Nylon	Nylon
O-Rings (Standard)	Buna-N	Buna-N
Accessories:		
Mounting Bracket	MBSS360	MBSS360
Buna-N Seal Set (Standard)	BN315ALHP	BN315ALHP

FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 70CS ⁽²⁾

Air Line Pressure (PSIG)	315ALHP Series
	70CS (Standard)
15	7
60	17
100	27
150	36
250	56
500	108
1500	330
3600	770

- Notes: (1) Replace "□" with grade required, e.g. TRE12-57-70CS, SS-12-57-25
 (2) Flow rates for Grade 70CS rated at 95% against 0.01 micron