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.

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
• After Market NGV Filter
• Compact, Robust Design
• 9/16 SAE or ¼” NPT In Stock For Immediate Delivery
• Customization Available

### TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Housing Model</th>
<th>315ALHP-1/4”</th>
<th>315ALHP-SAE</th>
<th>1/4” NPT</th>
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<tbody>
<tr>
<td>Port Size</td>
<td>9/16 SAE</td>
<td>9/16 SAE</td>
<td>1/4” NPT</td>
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<td>Drain Type</td>
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<td>9/16 SAE</td>
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<td>Maximum Pressure (psig)</td>
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<tr>
<td>Maximum Temperature (ºF)</td>
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<td>Internal Volume (cc)</td>
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<tr>
<td>Weight of Housing (lbs)</td>
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<td>Principle Dimensions: (inches)</td>
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<td>Center Of Port To Head</td>
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<td>Overall Length</td>
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<td>Element Removal Clearance</td>
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<td>Filter Element Codes: (1)</td>
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<td>Disposable Element (Standard)</td>
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<td>Stainless Steel Element</td>
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<td>PEL Element</td>
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<td>PTFE Element</td>
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<td>O-Rings (Standard)</td>
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<td>Mounting Bracket</td>
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<td>Buna-N Seal Set (Standard)</td>
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### FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 70CS (2)

<table>
<thead>
<tr>
<th>Air Line Pressure (PSIG)</th>
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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

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