ALTERNATIVE FUEL SOLUTIONS

Advanced filtration for CNG and Hydrogen applications.
Compressed natural gas, a lower emission alternative to diesel, is one of the most widespread alternative fuels. Schroeder Industries has engineered premium filtration solutions that account for CNG’s unique filtration needs:

Emitting only water vapor and a small amount of nitrogen oxide, hydrogen power is swiftly becoming a benchmark for environmentally responsible energy. The GF Gas Filter Series is Schroeder’s premier hydrogen filtration product line:

**BestFit® | Parker Finite J-Series Compressed Gas Filter Replacements**
- Replacement element kits designed for Parker Finite J-Series housings in common sizes and media grade equivalents.
- Currently available in 4C, 10C, and WS media grade equivalents, using pleated microglass media for extended service life with exceptional performance.
- The element kits include the replacement bowl seals, designed to fit the competitor housings in the full range of sizes.

**GF50, GF8, GF1.5 | Compressed Gas Filters**
- GF filter series provides cost-effective, robust filtration solutions for a broad range of applications.
- Unlike other compressed gas filters, the GF series utilizes pleated microglass media construction for more reliable performance and greater capacity.

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<thead>
<tr>
<th>CF50</th>
<th>GF8</th>
<th>GF1.5</th>
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<tbody>
<tr>
<td>up to 5,000 psi</td>
<td>up to 800 psi</td>
<td>up to 150 psi</td>
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**GFH | Gas Filter**
- Use in onboard and stationary applications up to 15,228 psi
- Superior permeate quality due to Chemicron® material
- Excellent differential pressure stability
- High pressure stability - highest resistances through non-utilisation of adhesives, polymer seals or grouting

**GF1, GF2, GF3 | Gas Filters**
- Compact inline gas filters
- Available as coalescing and particulate filters
- No contamination of the clean side during filter element change
- Maintenance-friendly design; line dismantling not required
- Extremely robust stainless steel filter element technology

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<tr>
<th>GF1</th>
<th>GF2</th>
<th>GF3</th>
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<tbody>
<tr>
<td>up to 14,503 psi</td>
<td>up to 10,152 psi</td>
<td>up to 5,801 psi</td>
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**CGF50, CGF8, CGF1.5 | Compressed Gas Filters**
- Unlike other compressed gas filters, the CGF series utilizes pleated microglass media construction for more reliable performance and greater capacity.

**CGFP50 | Compressed Gas Filter Panel**
- High Pressure Compressed Gas Polishing Panel for dispensing & transfer filtration.
- Uses two stages of the Schroeder CGF50 Compressed Gas Filters to remove particles and aerosols of oil and water.
- Stainless Steel valves, connections, and tubing with flareless crimp connections are used for longevity and durability.
The Energy Sustainability Initiative is Schroeder Industries' mission to provide fluid power filtration solutions that contribute to a cleaner world and help organizations reach their sustainability goals. Engineering alternative fuel filtration solutions that support emerging clean energy technology is just one aspect of this mission.

Learn more about Schroeder's Energy Sustainability Initiative

schroederindustries.com/sustainability

*To access more information about Schroeder, scan the code with your app-enabled smartphone.

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