Oil Product Guide

When your name is on the line...

Make Sure it says General on the box.
Quality you can count on SINCE 1937

In the 1930’s America was converting from the use of coal to heat their homes to the more efficient use of fuel oil. It was in 1937, Detroit Michigan, the Founder of General Filters, Inc., Art Redner first introduced mass production of fuel oil filters for the new home heating fuel oil market.

Since then, the market has changed. Higher efficiency furnaces with smaller nozzle sizes, introduction of bio-fuel blends, and an increasing importance on the quality of oil delivered to the burner.

General Filters, Inc., a third generation family-owned business, continues to be trusted leaders in the residential and light commercial fuel oil filtration industry. You will find a variety of high performance, high quality fuel filters and replacement element cartridges designed to protect the technologically advanced heating systems today.

The high cost of ECONOMY

It’s tempting to save a few pennies on “generic” fuel oil filters and replacement element cartridges. There is a difference between price and cost. Price is what you pay today and cost is what you pay over time. Don’t let the “generics” cost you! The preferred market brands carry the names General, Gar-Ber, and Unifilter®. The reasons are compelling,...

- Extensive pressure testing methods deliver the finest most reliable products.
- Thickest galvanized steel filter bowl wall for long lasting years of service.
- Corrosion-resistant Epoxy Coating applied to filter bowl interior and exterior.
- Highest-performing filter element cartridges to meet your service expectations.
- Water Block water absorbing polymer element exclusively with Gar-Ber R2000
- 4EVERLoc bottom bolt design for a confident seal and durable service.
- BIOGasket™ offering for peace of mind performance with bio-fuel blends to B100.

Bio-Fuel Blends

Bio-fuel blends for home heating oil offer an eco-friendly upside alternative over conventional heating oil. Cleaner burning fuel, fewer harmful emissions of combustion and domestic sources of renewable energy, show that bio-fuel blends of heating oil can be less harmful to the environment.

However, Bio-fuel blends are associated with strong solvent properties that can cause rubber seals to leak. This can potentially cause challenges to traditional Buna Type gasket materials used on fuel oil filters today.

So, General Filters, Inc. has answered the challenge with the BIOGasket™. The BIOGasket™ is a highly durable class M gasket material defined under ASTM D1418. That means the BIOGasket™ is compatible with bio-fuel home heating oil blends up to B100. The General 1A-25B, 2A-700B, and Gar-Ber R2000 are standard with the BIOGasket™ seal of assurance.
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## Customer Service & Technical Support

Contact for assistance Monday through Friday  
8:00 am to 4:30 pm EST  
Toll Free 866-476-5101  
customerservice@generalfilters.com
**FUEL OIL FILTERS and REPLACEMENT CARTRIDGES**

**BIOGasket™ the FKM Oil Filter Head Gasket**

The BIOGasket™ is a Fluoroelastomer (FKM) synthetic rubber material. FKM was originally developed by DuPont Performance Elastomers L.L.C. marketed and commonly known as Viton®, a registered trademark of DuPont.

BIOGasket™ a FKM Gasket, provides extraordinary levels of resistance to chemicals, concentrated acids, inorganic acids, organic acids, fuel hydrocarbons, animal and vegetable oils, mineral oils and solvents. The BIOGasket® retains excellent physical and mechanical properties such as adhesion to metal, compression set and tensile strength. The thermal property range is -30°F to 200°F.

The BIOGasket™ is designed to resist the aggressive properties found with bio-fuel blends that cause rubber seals to leak and swell. The BIOGasket™ is a highly durable class M, 100% type 1 fluoroelastomer base as defined under ASTM1418. The BIOGasket™ is the oil heating industry choice for peace of mind assurance you can count on.

**1A-25B and 2A-700B**

Compatible with Bio-Fuel Blends up thru B100!
- Standard with BioGasket™
- Durable Epoxy Coated Galvanized Steel Filter Bowl Inside & Out
- 4EVERLoc Bottom Bolt Design

**1A-30 and 2A-710**

Wool Felt Filter Element Cartridge
Standard with 1A-25B & 2A-700B
1A-25B Oil Filter 2A-700B Oil Filter
Compatible with Bio-Fuel Blends up thru B100!

- Standard with "Biogasket"
- Durable epoxy coated galvanized steel bowl inside & out
- 4EVERLoc Bottom Bolt Design

### Clean Pressure Drop
No. 2 Fuel Oil 1A-25B

<table>
<thead>
<tr>
<th>Flow Rate- GPH</th>
<th>Pressure Drop W. HG.</th>
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<tr>
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### Clean Pressure Drop
No. 2 Fuel Oil 2A-700B

<table>
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<th>Pressure Drop W. HG.</th>
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<td>100</td>
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### SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>1A-25B</th>
<th>2A-700B</th>
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<tbody>
<tr>
<td>Height</td>
<td>5-1/8 in.</td>
<td>6-1/4 in.</td>
</tr>
<tr>
<td>Diameter</td>
<td>3-5/8 in.</td>
<td>4-3/8 in.</td>
</tr>
<tr>
<td>Weight</td>
<td>2 lbs.</td>
<td>3 lbs.</td>
</tr>
<tr>
<td>Pipe Size</td>
<td>3/8&quot; N.P.T. STD.</td>
<td>3/8&quot; N.P.T. STD.</td>
</tr>
<tr>
<td>Special - Upon Request</td>
<td>(1/4&quot; Available)</td>
<td>(1/2&quot;, 3/4&quot; Available)</td>
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<tr>
<td>Working Pressure</td>
<td>40 P.S.I.</td>
<td>40 P.S.I.</td>
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<tr>
<td>Firing Rate-#2 Fuel Oil</td>
<td>10 GPH</td>
<td>25GPH</td>
</tr>
<tr>
<td>Replacement Elements</td>
<td>Pt. No. 1A-30</td>
<td>Pt. No. 2A-710</td>
</tr>
<tr>
<td>Filter Media</td>
<td>Wool Felt (10 Micron)</td>
<td>Wool Felt (10 Micron)</td>
</tr>
<tr>
<td>Felt Surface</td>
<td>41 Square Inches</td>
<td>83 Square Inches</td>
</tr>
<tr>
<td>Felt Volume</td>
<td>11.5 Cubic Inches</td>
<td>21.3 Cubic Inches</td>
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5 Individually Packed FKM BIOGaskets
Compatible with Bio-Fuel Blends up to B100!

- 3081 BG5-1A FKM BioGasket 5/pk for 1A-25B / 77
- 3085 BG5-FB4 FMK BioGasket 5/pk for FB4 / FB6
- 3088 BG5-R/G FMK BioGasket 5/pk for Spin-On Models

50 Bulk Packed FKM BIOGaskets
Compatible with Bio-Fuel Blends up to B100!

- 3082 BG50-1A FKM BioGasket 50/pk for 1A-25B / 77
- 3084 BG50-2A FKM BioGasket 50/pk for 2A-700B / 99
- 3085 BG50-FB4 FMK BioGasket 50/pk for FB4 / FB6

1A-30BG and 2A-710BG with BIOGasket
Compatible with Bio-Fuel Conforming to ASTM D396-09 (up to B5)

- 2003 1A-30BG Wool Felt Replacement Cartridge 25 GPH Firing Rate at 10 Microns
  - for 77B, 1A-25B, 1A-25A
- 2017 2A-710BG Wool Felt Replacement Cartridge 25 GPH Firing Rate at 10 Microns
  - for 99B, 2A-700B, 2A-700A

1A-30 and 2A-710
Compatible with Fuel Oil Conforming to ASTM D1418 (up to B5)!

- 2000 1A-30 Wool Felt Replacement Cartridge 10 GPH Firing Rate at 10 Microns
  - for 77B, 1A-25B, 1A-25A
- 2006 2A-710 Wool Felt Replacement Cartridge 25 GPH Firing Rate at 10 Microns
  - for 99B, 2A-700B, 2A-700A
Filter Bowl Upgrade Kits
Compatible with Bio-Fuel Blends up to B100!

Featuring: Epoxy Coated Galvanized Steel Filter Bowls with 4EverLoc Bottom Bolt Design

- 1007 1A-EpoxyG Filter Bowl Kits for 1A-25B / 77 with
- 1013 2A-EpoxyG Filter Bowl Kits for 2A-700B / 99 with

E-Z CHANGE™ Filter Draining System

- 3000 E-Z CHANGE™ Filter Draining System
- 3014 E-Z LID replacement for E-Z Bucket

Fuel Oil Tank Accessories

- 1500 GF-100 ULC Approved Tank Gauge - 44" Long x 1 1/2" NPT
- 1501 GF-2126 ULC Approved Tank Whistle - 2" x 1-1/4" x 1-1/4"
- 1503 GF-200Z Fill Cap 2" Zinc
- 1504 GF-201 Threaded 2" Fill Cap
- 1505 GF-202 Locking 2" Fill Cap
- 1502 GF-125Z 1-1/4" Vent Cap

88CR and 101
Compatible with Fuel Oil Conforming to ASTM D396-09 (up to B5)!

10 micron wool felt replacement cartridge are center core bonded to prevent media migration

- 9009 88CR Wool Felt Replacement Cartridge 10 GPH Firing Rate - for 77B, 1A-25B, 1A-25A
- 9011 101 Wool Felt Replacement Cartridge 25 GPH Firing Rate - for 99B, 2A-700B, 2A-700A

RF Series micRoFiber 10 micron Replacement Cartridges
Compatible with Fuel Oil Conforming to ASTM D396-09 (up to B5)!

- 9012 RF-1 micRoFiber Replacement Cartridges - for 77B, 1A-25B, 1A-25A
- 9013 RF-2 micRoFiber Replacement Cartridges - for 99B, 2A-700B, 2A-700A
- 9017 RF-4 micRoFiber Replacement Cartridges - for Fluflo FB4

RF Series micRoFiber 10 micron Replacement Cartridges
Compatible with Fuel Oil Conforming to ASTM D1418 (up to B100)!

- 9311 RF-1BG micRoFiber Replacement Cartridge with - for 77B, 1A-25B, 1A-25A
- 9312 RF-2BG micRoFiber Replacement Cartridge with - for 99B, 2A-700B, 2A-700A
- 9317 RF-4BG micRoFiber Replacement Cartridge with - for Fluflo FB4
Biofuel is a renewable fuel oil blend made from soybean oil and processed from other fats and vegetable oils.

Gar-Ber Filters are compatible up to 20% blend of pure biofuel with conventional high/low sulfur home heating oil.

Water Block is a superior absorbent polymer that removes water from fuel oil and captures it deep within its pleated design. The performance separates the water from the oil so only the heating oil finds its way to the burner. Water Block is an inorganic material that is bacteria resistant and will not support bacterial growth.
GAR-BER SPIN-ON FUEL OIL FILTERS

Residential Gar-Ber "R2000" Filters

**11V-R2000** Specifications
Machined Aluminum Head, with 1/8" Vacuum/Bleed port with #R-2000 Epoxy-Coated Disposable Spin-On Filter.
- Maximum Firing Rate: 10 gph
- Micron Removal: 10 microns
- Filtering Area: 500 sq in
- Working Pressure: 15 psi
- Flow Rate: 45 gph
- Inlet / Outlet: 3/8" npt
- Dimensions: H-7½" W-3¾"

11V-R2000 Gar-Ber Fuel/Oil Filter with Water Block

**11BV-R2000K** Specifications
Machined Aluminum Head, Galvanized Attaching Bracket, Filter Restriction Indicator, and #R-2000 Epoxy-Coated Disposable Spin-On Filter.
- Inlet/Outlet: 3/8" npt
- Dimensions: 9" H x 4-3/4" W
- Bracket Up Position: H-9¼" W-3¾"
- Bracket Down Position: H-9" W-3¾"

11BV-R2000K Gar-Ber Fuel/Oil Filter with Water Block

**R-2000** Specifications
Epoxy coated canister. Recommended on units with either single or double line systems firing up to 10 gph.
- Maximum Firing Rate: 10 gph
- Micron Removal: 10 microns
- Filtering Area: 500 sq. in.
- Working Pressure: 15 psi
- Flow Rate: 45 gph
- Inlet/Outlet: 3/8" npt
- Dimensions: H-5½" W-3¾"

11V-R Gar-Ber Spin-On Fuel Filter

11BV-R Gar-Ber Spin-On Fuel Filter

Residential Gar-Ber "R" Filters

**11V-R** Specifications
Machined Aluminum Head with 1/8" Vacuum/Bleed port with #R epoxy-Coated Disposable Spin-On Filter.
- Maximum Firing Rate: 10 gph
- Micron Removal: 10 microns
- Filtering Area: 500 sq. in.
- Working Pressure: 15 psi
- Flow Rate: 45 gph
- Inlet/Outlet: 3/8" npt
- Dimensions: H-7½" W-3¾"

11V-R Gar-Ber Fuel/Oil Filter

**11BV-R** Specifications
Machined Aluminum Head, 1/8" Vacuum/Bleed Port, #R Epoxy-Coated Disposable Spin-On Filter and Galvanized Attaching Bracket.
- Maximum Firing Rate: 10 gph
- Micron Removal: 10 microns
- Filtering Area: 500 sq. in.
- Working Pressure: 15 psi
- Flow Rate: 45 gph
- Inlet/Outlet: 3/8" npt
- Dimensions: 7-1/2" H x 4-3/4" W
- Bracket Up Position: H-9¾" W-3¾"
- Bracket Down Position: H-7½" W-3¾"

11BV-R Gar-Ber Fuel/Oil Filter

"R2000" Epoxy-Coated Repl Cartridge with Water Block

1608 Gar-Ber "R2000" Filters with Water Block

1611 Gar-Ber "R2000K" Filters with Water Block

2630 Gar-Ber "R2000" Epoxy-Coated Repl Cartridge with Water Block
11BV-RK Specifications
Machined Aluminum Head, Galvanized Attaching Bracket, Filter Restriction Indicator, and #R Epoxy-Coated Disposable Spin-On Filter.

Maximum Firing Rate: 10 gph
Micron Removal: 10 microns
Filtering Area: 500 sq. in.
Working Pressure: 15 psi
Flow Rate: 45 gph
Inlet/Outlet: 3/8" npt
Dimensions:
Bracket Up Position: H-8 1/4"
Bracket Down Position: H-9" W-3 3/4"

R Specifications
Epoxy coated canister. Recommended on units with either single or double line systems firing up to 10 gph.

Commercial Gar-Ber "M" Filters

11BV-M Specifications
Machined Aluminum Head with 1/8" Vacuum/Bleed port with #M epoxy-Coated Disposable Spin-On Cartridge Filter.

Maximum Firing Rate: 35 gph
Micron Removal: 35 microns
Filtering Area: 700 sq in
Working Pressure: 15 psi
Flow Rate: 90 gph
Inlet / Outlet: 3/8" npt
Dimensions: 9" H x 4-3/4" W

11BV-MK Specifications
Machined Aluminum Head with 1/8" Vacuum/Bleed port with #M epoxy-Coated Disposable Spin-On Cartridge Filter.

Maximum Firing Rate: 35 gph
Micron Removal: 35 microns
Filtering Area: 700 sq in
Working Pressure: 15 psi
Flow Rate: 90 gph
Inlet / Outlet: 3/8" npt
Dimensions: 10-1/2" H x 4-3/4" W

M Specifications
Machined Aluminum Head with 1/8" Vacuum/Bleed port with #M epoxy-Coated Disposable Spin-On Cartridge Filter.

Maximum Firing Rate: 35 gph
Micron Removal: 35 microns
Filtering Area: 700 sq in
Working Pressure: 15 psi
Flow Rate: 90 gph
Inlet / Outlet: 3/8" npt
Dimensions: 10-1/2" H x 4-3/4" W

1603
11BV-RK Gar-Ber Spin-On Fuel Oil Filter

2605
"R" Epoxy-Coated Can Repl Cartridge - Boxed

1604
11BV-M Gar-Ber Commercial Spin-On Oil Filter

1605
11BV-MK Gar-Ber Commercial Spin-On Oil Filter

2615
"M" Epoxy-Coated Can Repl Cartridge
Residential General "G" Filters

1A-10G

Specifications
Machined Aluminum Head with 1/8" Vacuum/Bleed port with #G epoxy-Coated Disposable Spin-On Cartridge Filter.

Maximum Firing Rate: 10 gph
Micron Removal: 10 microns
Filtering Area: 500 sq in
Working Pressure: 15 psi
Flow Rate: 45 gph
Inlet / Outlet: 3/8” npt
Dimensions: 7-1/8˝ H x 3-3/4˝ W

1A-10GBK

Specifications
Machined Aluminum Head with 1/8" Vacuum/Bleed port with #G epoxy-Coated Disposable Spin-On Cartridge Filter.

Maximum Firing Rate: 10 gph
Micron Removal: 10 microns
Filtering Area: 500 sq in
Working Pressure: 15 psi
Flow Rate: 45 gph
Inlet / Outlet: 3/8” npt
Dimensions: 9˝ H x 4-3/4˝ W

G

Specifications
Machined Aluminum Head with 1/8" Vacuum/Bleed port with #G epoxy-Coated Disposable Spin-On Cartridge Filter.

Spin-On Accessories

3620
AMB (B) Angle Filter Mounting Bracket

3610
FRI (K) 30" Vacuum Filter Restriction Indicator (Gauge)

3600
11V (1A) Alum Residential Filter Head w/Port
UNIFILTER FUEL OIL FILTERS

77B and 99B Fuel Oil Filters
Compatible with Fuel Oil Conforming to ASTM D396-09 (up to B5):

- Working pressure = 40 PSI. ETL Listed. 3/8” NPT standard
- Now with durable epoxy coated galvanized steel filter bowl Inside & out
- 4EVERLoc bottom bolt design

RF-1 & RF-2
micRoFiber RF Filter Element Cartridge Standard with 77B & 99B
# 77B Oil Filter 99B Oil Filter

Compatible with Bio-Fuel Blends up thru B5!

- Durable epoxy coated galvanized steel bowl inside & out
- 4EVERLoc Bottom Bolt Design

## Specifications

<table>
<thead>
<tr>
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<th>77B</th>
<th>99B</th>
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<tr>
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<td>5-1/8 in.</td>
<td>6-1/4 in.</td>
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<tr>
<td>Diameter</td>
<td>3-5/8 in.</td>
<td>4-3/8 in.</td>
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<tr>
<td>Weight</td>
<td>2 lbs.</td>
<td>3 lbs.</td>
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<td>Pipe Size</td>
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<td>3/8” N.P.T STD.</td>
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<td>Working Pressure</td>
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<td>40 P.S.I.</td>
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<tr>
<td>Firing Rate-#2 Fuel Oil</td>
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<td>25 GPH</td>
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<tr>
<td>Replacement Elements</td>
<td>Pt. No. RF-1</td>
<td>Pt. No. RF-2</td>
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<tr>
<td>Filter Media</td>
<td>micRoFiber (10 Micron)</td>
<td>micRoFiber (10 Micron)</td>
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<tr>
<td>micRoFiber RF Surface</td>
<td>52 Square Inches</td>
<td>90 Square Inches</td>
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<tr>
<td>micRoFiber RF Volume</td>
<td>12 Cubic Inches</td>
<td>22.7 Cubic Inches</td>
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**Clean Pressure Drop**

No. 2 Fuel Oil 77B

![Graph showing clean pressure drop for 77B Oil Filter](image)

**Clean Pressure Drop**

No. 2 Fuel Oil 99B

![Graph showing clean pressure drop for 99B Oil Filter](image)

**9300**

77B 3/8” Unifilter Fuel Oil Filter

10 GPH Firing Rate at 10 Microns 40 PSI

**9302**

99B 3/8” Unifilter Fuel Oil Filter

25 GPH Firing Rate at 10 Microns 40 PSI
Installation

Fuel filters must be installed in the suction line between the storage tank and burner. They may be installed either at the tank or at the burner where they will protect the fuel pump and burner nozzle from impurities in the fuel oil.

Specifications

- Pipe Sizes .................................................. 3/8, 1/2, 3/4 or 1 NPT
- Max. Working Pressure ........................................ 40 PSI
- Firing Rate (Max. Nozzle Capacity) ......................... up to 24 GPH
- Element ..................................................... 2A-710SL
  - Mesh Size 30, 40, 60, 100, 150 or 200
- Element Surface Area ......................................... 40 sq. in.
- Shipping Weight (12 per carton) .............................. 50 lbs.
The 2A-17A fuel oil filters provide a wide range of filtration with durable stainless steel wire mesh elements. The stainless steel wire mesh elements form 40 square inches of filtering area.

### 2A-17A Element Selection Chart

<table>
<thead>
<tr>
<th>Wire Mesh Element Size</th>
<th>Recommended Fuel Oil Type</th>
<th>Mesh Opening (inches)</th>
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<tr>
<td>30</td>
<td>No. 4,5 or 6</td>
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<tr>
<td>40</td>
<td>No. 4,5 or 6</td>
<td>0.160</td>
</tr>
<tr>
<td>60</td>
<td>No. 2</td>
<td>0.100</td>
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<td>100</td>
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<tr>
<td>150</td>
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<tr>
<td>200</td>
<td>No. 2</td>
<td>0.003</td>
</tr>
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</table>

### Ordering Information

When ordering 2A-17A Filters-Specify:

- **2A-17A - 3/4 - 60 - N E**
  - **Pipe Size**: 3/8", 1/2", 3/4", 1"
  - **Interior Finish**
    - E = Epoxy Coated
  - **Bowl Gasket**
    - N = Buna-N
    - V = Vellumoid
  - **Mesh Size**
    - 30 100
    - 40 150
    - 60 200

When ordering elements for 2A-17A Filters-Specify:

- **2A-710SL - 60 - N**
  - **Mesh Size**
    - 30 100
    - 40 150
    - 50 200
  - **Bowl Gasket**
    - N = Buna-N
    - V = Vellumoid
    - T = Viton
**Multi-Purpose Fuel Filter with Stainless Steel Mesh Elements**

Stainless Steel cleanable element
Available 3/8", 1/2", 3/4" and 1" NPT.
Mesh sizes available: 30, 40, 60, 100, 150, and 200
Gaskets: Buna-N, Viton (T), and Vellumoid (U)
Standard with Epoxy Coated Galvanized Steel Filter Bowl Inside & Out (E)
ETL Listed for #2, 4, 5, 6 Fuel Oil at 24 GPH Firing Rate
ETL Listed for 40 psi MAX Working Pressure

- 1022  2A17A-3/8-30 TE  - Fuel Oil Filter 3/8" NPT 24 GPH
- 1024  2A17A-3/8-60 TE  - Fuel Oil Filter 3/8" NPT 24 GPH
- 1025  2A17A-3/8-100 TE  - Fuel Oil Filter 3/8" NPT 24 GPH
- 1026  2A17A-3/8-150 TE  - Fuel Oil Filter 3/8" NPT 24 GPH
- 1027  2A17A-3/8-200 TE  - Fuel Oil Filter 3/8" NPT 24 GPH
- 1028  2A17A-1/2-30 TE  - Fuel Oil Filter 1/2" NPT 24 GPH
- 1029  2A17A-1/2-40 TE  - Fuel Oil Filter 1/2" NPT 24 GPH
- 1030  2A17A-1/2-60 TE  - Fuel Oil Filter 1/2" NPT 24 GPH
- 1031  2A17A-1/2-100 TE  - Fuel Oil Filter 1/2" NPT 24 GPH
- 1032  2A17A-1/2-150 TE  - Fuel Oil Filter 1/2" NPT 24 GPH
- 1033  2A17A-1/2-200 TE  - Fuel Oil Filter 1/2" NPT 24 GPH
- 1034  2A17A-3/4-30 TE  - Fuel Oil Filter 3/4" NPT 24 GPH
- 1035  2A17A-3/4-40 TE  - Fuel Oil Filter 3/4" NPT 24 GPH
- 1036  2A17A-3/4-60 TE  - Fuel Oil Filter 3/4" NPT 24 GPH
- 1037  2A17A-3/4-100 TE  - Fuel Oil Filter 3/4" NPT 24 GPH
- 1038  2A17A-3/4-150 TE  - Fuel Oil Filter 3/4" NPT 24 GPH
- 1039  2A17A-3/4-200 TE  - Fuel Oil Filter 3/4" NPT 24 GPH
- 1040  2A17A-1-30 TE  - Fuel Oil Filter 1" NPT 24 GPH
- 1041  2A17A-1-40 TE  - Fuel Oil Filter 1" NPT 24 GPH
- 1042  2A17A-1-60 TE  - Fuel Oil Filter 1" NPT 24 GPH
- 1043  2A17A-1-100 TE  - Fuel Oil Filter 1" NPT 24 GPH
- 1044  2A17A-1-150 TE  - Fuel Oil Filter 1" NPT 24 GPH
- 1045  2A17A-1-200 TE  - Fuel Oil Filter 1" NPT 24 GPH

**Multi-Purpose Replacement Stainless Steel Mesh Elements**

- 2024  2A-710SL-30N  - Fuel Oil Filter Element - #30 Stainless Steel Mesh N-Buna N
- 2025  2A-710SL-40N  - Fuel Oil Filter Element - #40 Stainless Steel Mesh N-Buna N
- 2026  2A-710SL-60N  - Fuel Oil Filter Element - #60 Stainless Steel Mesh N-Buna N
- 2027  2A-710SL-100N - Fuel Oil Filter Element - #100 Stainless Steel Mesh N-Buna N
- 2028  2A-710SL-150N - Fuel Oil Filter Element - #150 Stainless Steel Mesh N-Buna N
- 2029  2A-710SL-200N - Fuel Oil Filter Element - #200 Stainless Steel Mesh N-Buna N
Multi-Purpose Replacement Stainless Steel Mesh Elements

• 2031 2A-710SL-30V - Fuel Oil Filter Element - #30 Stainless Steel Mesh V-Vellumoid
• 2032 2A-710SL-40V - Fuel Oil Filter Element - #40 Stainless Steel Mesh V-Vellumoid
• 2033 2A-710SL-60V - Fuel Oil Filter Element - #60 Stainless Steel Mesh V-Vellumoid
• 2034 2A-710SL-100V - Fuel Oil Filter Element - #100 Stainless Steel Mesh V-Vellumoid
• 2036 2A-710SL-150V - Fuel Oil Filter Element - #150 Stainless Steel Mesh T-Viton
• 2035 2A-710SL-200T - Fuel Oil Filter Element - #200 Stainless Steel Mesh T-Viton

Mixed item selection of GFI oil products for dollar volume pricing

• 1017 2A-750-1” NPT - Storage Tank Filter for Gasoline or Diesel Fuel
• 2016 2A-710G100 #100G - Cleanable Stainless Steel Mesh Fuel Oil Filter Element

Multi-Purpose Filters with Felt Elements

• 1123 2A-17AF-3/8-25-NU - Multi-Purpose Filter with 25 micron felt element 3/8” NPT Ports, Buna-N Gaskets, Uncoated Interior
• 1141 2A-17AF-3/8-25-VE - Multi-Purpose Filter with 25 micron felt element 3/8” NPT Ports, Viton Gaskets, Epoxy Interior
• 1125 2A-17AF-1/2-25-NU - Multi-Purpose Filter with 25 micron felt element 1/2” NPT Ports, Buna-N Gaskets, Uncoated Interior
• 1143 2A-17AF-1/2-25-VE - Multi-Purpose Filter with 25 micron felt element 1/2” NPT Ports, Viton Gaskets, Epoxy Interior
• 1127 2A-17AF-3/4-25-NU - Multi-Purpose Filter with 25 micron felt element 3/4” NPT Ports, Buna-N Gaskets, Uncoated Interior
• 1145 2A-17AF-3/4-25-VE - Multi-Purpose Filter with 25 micron felt element 3/4” NPT Ports, Viton Gaskets, Epoxy Interior
• 1129 2A-17AF-1-25-NU - Multi-Purpose Filter with 25 micron felt element 1” NPT Ports, Buna-N Gaskets, Uncoated Interior
• 1147 2A-17AF-1-25-VE - Multi-Purpose Filter with 25 micron felt element 1” NPT Ports, Viton Gaskets, Epoxy Interior

Multi-Purpose Filters with Felt Elements

• 2018 2A-710F-25-N - Element, Wool Felt 25 micron, Buna-N Gaskets included
• 2021 2A-710F-25-V - Element, Wool Felt 25 micron, Viton Gaskets included
• 2019 2A-710F-50-N - Element, White Rayon 50 micron, Buna-N Gaskets included
Spin-on Cartridge Replacement:
The filter cartridge should be replaced at the beginning of each heating season. It is recommended to change the oil filter cartridge before servicing the oil burner. Use only genuine Gar-Ber or General Filters spin-on cartridges. Generic cartridges may result in poor performance or void agency listing.

1. Turn off electricity to burner and close shut-off valve in fuel line.
2. Place E-Z change bucket or oil tray under filter. Using a filter wrench, loosen and spin-off old cartridge.
3. Place used filter cartridge in E-Z Change bucket, so oil will drain (Figure 2).
4. Cut and remove old O-ring and replace it with the new O-ring supplied (Figure 3). Inspect threads for any signs of wear or damage and replace if required.
5. Apply a thin coat of petroleum jelly, or motor oil, to the gasket (Figure 3).
6. Check for dents in cartridge or damaged paint. Do not use cartridge if damaged.
7. Spin-on new filter cartridge. Tighten 3/4 turn after the gasket contacts the filter head.
8. Bleed air as recommended by pump manufacturer.

Bleeding One-Pipe Systems:
2. Loosen filter vacuum port plug or gauge.
3. Open fuel shut-off valve briefly until oil shows at plug.
4. Tighten vacuum port plug or gauge (Figure 1).
5. Open shut-off valve.
6. Loosen bleed port on fuel unit. Start burner and bleed system as recommended by pump manufacturer.

Important: Priming may be assisted by filling cartridge with clean fuel oil. One-pipe installations must be absolutely air tight or leaks and/or loss of prime may result. Bleed system for 15 seconds after the last air is seen from the pump’s bleed port to be certain lines are air-free.

Bleeding Two-Pipe System:
Bleeding two-pipe systems is often not necessary. Priming may be assisted by filling cartridge with clean fuel oil.

RUN OIL BURNER AND CHECK FOR LEAKS.
IF OIL TANK IS EMPTY, RUN BURNER AND RE-INSPECT AFTER TANK IS FIRST FILLED. KEEP RECORDS OF SERVICES AND INSPECTIONS.

Clean oil tray, wipe out any spilled oil (Figure 4).
Filter Cartridge Replacement:
The filter cartridge should be replaced at the beginning of each heating season. It is recommended to change the oil filter before servicing the oil burner.

1. Turn off electricity to burner and close shut-off valve in fuel line.
2. Place E-Z Change bucket under filter. Loosen top center bolt ONLY and remove filter bowl.
3. Place used filter cartridge in E-Z Change bucket, so oil will drain. (Figure 2).
4. Inspect filter bowl closely for visible corrosion, pitting, or coating damage as illustrated in figure 3, 4, and 5.
   - Figure 3 showing exterior coating damage, replace filter bowl.
   - Figure 4 showing rust and pitting, replace filter bowl.
   - Figure 5 showing pin size hole in bowl, replace filter bowl.
When you have identified filter bowl degradation, be certain to replace with the General Epoxy G Filter Bowl Upgrade Kit.

The Epoxy G Filter Bowl is coated with thick durable epoxy on the inside and out, standard with the 4EVERLoc bottom bolt design, and features the BIOGasket™

5. If filter bowl is free from degradation, proceed to clean filter bowl thoroughly. You may use solvent if necessary.
6. Dry gasket seat in filter bowl.
7. Place new General or Unifilter cartridge in filter bowl and install the new bowl gasket and center bolt gaskets provided. Do not lubricate gaskets.
8. Reassemble bowl to filter head and tighten center bolt. Torque center bolt to 80-120 inch-pounds.
9. Bleed air as recommended by pump manufacturer.

Bleeding One-Pipe Systems:
2. Remove filter vent screw.
3. Replace vent screw with new gasket.
4. Open fuel shut-off briefly until oil shows at vent port.
5. Tighten vent screw then open shut-off valve.
6. Loosen bleed port on fuel unit. Start burner and bleed system as recommended by pump manufacturer.

Important: Priming may be assisted by filling filter bowl with clean fuel oil. One-pipe installations must be absolutely air tight or leaks and/or loss of prime may result. Bleed system for 15 seconds after the last air is seen from the pump’s bleed port to be certain lines are air-free.

Bleeding Two-Pipe System:
Bleeding two-pipe systems is often not necessary. Priming may be assisted by filling filter bowl with clean fuel oil.

RUN OIL BURNER AND CHECK FOR LEAKS. IF OIL TANK IS EMPTY, RUN BURNER AND RE-INSPECT AFTER TANK IS FIRST FILLED. KEEP RECORDS OF SERVICES AND INSPECTIONS.
Our reputation rides on the products we provide, so don’t settle for less, expect the best with GENERALAire residential whole house humidifiers, air cleaners and air purifiers. For more than 65 years GENERALAire has designed and manufactured a full line of efficient and reliable residential indoor air quality products. We put more value in the box as our signature of commitment to you.

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