Racor Gasoline Fuel Filters
For Marine Applications

WARNING: The products described in this catalog can expose you to chemicals including Diisononyl phthalate, Carbon Black, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
### Outboard Engine Applications

- For boats where a fuel filter/water separator is already installed, this is generally a Mercury/Quicksilver or OMC style filter (fuel ports are on top of the head), use the B32013 (Quicksilver) or B32014 (OMC).
- If there are no filters installed, specify the 120R-RAC-01, 320R-RAC-01, or 660R-RAC-01 filter based upon flow rate of engine.
- For a unit that can replace your primer bulb, use the 490R-RAC-01 with integral primer pump.

**Note:** Clear bowls are for outboard applications only.

#### Specifications

<table>
<thead>
<tr>
<th>OEM Application</th>
<th>Micron</th>
<th>Maximum Flow Rate</th>
<th>Replacement Filter</th>
<th>Height</th>
<th>Diameter</th>
<th>Center Threads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercury</td>
<td>2</td>
<td>50 GPH (189 LPH)</td>
<td>N/A</td>
<td>5.0 in. (12.7 cm)</td>
<td>2.1 in. (5.3 cm)</td>
<td>N/A</td>
</tr>
<tr>
<td>Quicksilver</td>
<td>10</td>
<td>60 GPH (227 LPH)</td>
<td>S3213</td>
<td>7.2 in. (18.3 cm)</td>
<td>3.8 in. (9.7 cm)</td>
<td>11/16”-16”**</td>
</tr>
<tr>
<td>OMC</td>
<td>10</td>
<td>60 GPH (227 LPH)</td>
<td>S3214</td>
<td>7.2 in. (18.3 cm)</td>
<td>3.8 in. (9.7 cm)</td>
<td>1”-12</td>
</tr>
</tbody>
</table>

**The 11/16”-16” thread is the most common and fits most existing filter mounting heads in service.**

#### Specifications

<table>
<thead>
<tr>
<th>Outboard/Inboard</th>
<th>Micron</th>
<th>Maximum Flow Rate</th>
<th>Ports (Female)</th>
<th>Replacement Filter</th>
<th>Height</th>
<th>Diameter</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>025-RAC-01</td>
<td>250</td>
<td>25 GPH (95 LPH)</td>
<td>1/4”-18 NPTF</td>
<td>S2501</td>
<td>4.3 in. (10.9 cm)</td>
<td>2.1 in. (5.3 cm)</td>
<td>2.3 in. (5.8 cm)</td>
</tr>
<tr>
<td>025-RAC-02</td>
<td>10</td>
<td>25 GPH (95 LPH)</td>
<td>1/4”-18 NPTF</td>
<td>S2502</td>
<td>4.3 in. (10.9 cm)</td>
<td>2.1 in. (5.3 cm)</td>
<td>2.3 in. (5.8 cm)</td>
</tr>
<tr>
<td>025-RAC-10A</td>
<td>104</td>
<td>35 GPH (132 LPH)</td>
<td>1/2”-14 NPTF</td>
<td>Replace Entire Unit</td>
<td>4.2 in. (10.7 cm)</td>
<td>1.9 in. (4.8 cm)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Specifications

<table>
<thead>
<tr>
<th>Outboard Engine</th>
<th>Micron</th>
<th>Maximum Flow Rate</th>
<th>Ports (Female)</th>
<th>Replacement Filter</th>
<th>Height</th>
<th>Diameter</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>120R-RAC-01</td>
<td>10</td>
<td>30 GPH (114 LPH)</td>
<td>1/4”-18 NPTF</td>
<td>S3240</td>
<td>6.5 in. (16.5 cm)</td>
<td>3.2 in. (8.1 cm)</td>
<td>3.2 in. (8.1 cm)</td>
</tr>
<tr>
<td>320R-RAC-01</td>
<td>10</td>
<td>60 GPH (227 LPH)</td>
<td>1/4”-18 NPTF</td>
<td>S3227</td>
<td>9.3 in. (23.6 cm)</td>
<td>4.0 in. (10.2 cm)</td>
<td>4.0 in. (10.2 cm)</td>
</tr>
<tr>
<td>490R-RAC-01</td>
<td>10</td>
<td>90 GPH (341 LPH)</td>
<td>3/8”-18 NPTF</td>
<td>S3227</td>
<td>9.9 in. (25.1 cm)</td>
<td>4.8 in. (12.2 cm)</td>
<td>4.5 in. (11.4 cm)</td>
</tr>
<tr>
<td>660R-RAC-01</td>
<td>10</td>
<td>90 GPH (341 LPH)</td>
<td>3/8”-18 NPTF</td>
<td>S3232</td>
<td>11.0 in. (27.9 cm)</td>
<td>4.5 in. (11.4 cm)</td>
<td>4.2 in. (10.7 cm)</td>
</tr>
</tbody>
</table>
Inboard/Outboard Engine Applications

- For boats where a fuel filter/water separator is already installed, this is generally a Mercruiser or OMC style filter head (fuel ports are on top of filter head), use the B32020MAM (Mercruiser) or B32021MAM (OMC) filter.
- If there are no filters already installed, specify the 120R-RAC-02, 320R-RAC-02, or 660R-RAC-02 filter based upon required flow rate of engine.
- For high-performance boats, the 3120R-RAC-32 is recommended.
- A higher pressure rated filter is available, see model 110A rated at 100 PSI (6.9 bar).

### Specifications

<table>
<thead>
<tr>
<th></th>
<th>B32020MAM</th>
<th>B32021MAM</th>
<th>S3220SUL</th>
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</thead>
<tbody>
<tr>
<td><strong>Micron</strong></td>
<td>10</td>
<td>10</td>
<td>2</td>
</tr>
<tr>
<td><strong>Maximum Flow Rate</strong></td>
<td>60 GPH (227 LPH)</td>
<td>60 GPH (227 LPH)</td>
<td>60 GPH (227 LPH)</td>
</tr>
<tr>
<td><strong>Replacement Filter</strong></td>
<td>S3220TUL</td>
<td>S3221TUL</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>6.5 in. (16.5 cm)</td>
<td>6.5 in. (16.5 cm)</td>
<td>4.0 in. (10.2 cm)</td>
</tr>
<tr>
<td><strong>Diameter</strong></td>
<td>3.8 in. (9.7 cm)</td>
<td>3.8 in. (9.7 cm)</td>
<td>3.7 in. (9.4 cm)</td>
</tr>
<tr>
<td><strong>Center Threads</strong></td>
<td>11/16-16**</td>
<td>1&quot;-12</td>
<td>11/16-16**</td>
</tr>
</tbody>
</table>

**The 11/16-16 thread is the most common and fits most existing filter mounting heads in service.**

<table>
<thead>
<tr>
<th></th>
<th>PFF5510</th>
<th>S3228SUL</th>
<th>110A</th>
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<tbody>
<tr>
<td><strong>Micron</strong></td>
<td>10</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td><strong>Maximum Flow Rate</strong></td>
<td>60 GPH (227 LPH)</td>
<td>60 GPH (227 LPH)</td>
<td>35 GPH (132 LPH)</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>4.2 in. (10.7 cm)</td>
<td>4.0 in. (10.2 cm)</td>
<td>6.0 in. (15.2 cm)</td>
</tr>
<tr>
<td><strong>Diameter</strong></td>
<td>3.6 in. (9.1 cm)</td>
<td>3.7 in. (9.4 cm)</td>
<td>3.3 in. (8.4 cm)</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>3.2 in. (8.1 cm)</td>
</tr>
<tr>
<td><strong>Center Threads</strong></td>
<td>11/16-16**</td>
<td>1&quot;-14</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Ports (Female)</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>1/4-18 NPTF</td>
</tr>
<tr>
<td><strong>Replacement Filter</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>R11T (Cartridge)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>120R-RAC-02</th>
<th>320R-RAC-02</th>
<th>660R-RAC-02</th>
<th>3120R-RAC-32</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Micron</strong></td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td><strong>Maximum Flow Rate</strong></td>
<td>30 GPH (114 LPH)</td>
<td>60 GPH (227 LPH)</td>
<td>90 GPH (341 LPH)</td>
<td>120 GPH (454 LPH)</td>
</tr>
<tr>
<td><strong>Ports (Female)</strong></td>
<td>1/4-18 NPTF</td>
<td>1/4-18 NPTF</td>
<td>3/8-18 NPTF</td>
<td>1/2-14 NPTF</td>
</tr>
<tr>
<td><strong>Replacement Filter</strong></td>
<td>S3240TUL</td>
<td>S3228TUL (10 micron)</td>
<td>S3228SUL (2 micron)</td>
<td>S3232TUL</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>6.0 in. (15.2 cm)</td>
<td>9.0 in. (22.9 cm)</td>
<td>10.5 in. (26.7 cm)</td>
<td>10.4 in. (26.4 cm)</td>
</tr>
<tr>
<td><strong>Diameter</strong></td>
<td>3.2 in. (8.1 cm)</td>
<td>4.0 in. (10.2 cm)</td>
<td>4.5 in. (11.4 cm)</td>
<td>5.0 in. (12.7 cm)</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>3.2 in. (8.1 cm)</td>
<td>4.0 in. (10.2 cm)</td>
<td>4.2 in. (10.7 cm)</td>
<td>4.0 in. (10.2 cm)</td>
</tr>
</tbody>
</table>
# Worldwide Filtration Manufacturing Locations

## North America

### Compressed Air Treatment
Gas Separation & Filtration Division
Artikel/Finite/domnick hunter/Zander
Lancaster, NY
716 686 6400
www.parker.com/faf

Balston
Haverhill, MA
978 858 0505
www.parker.com/balston

### Engine Filtration
Racor
Modesto, CA
209 521 7860
www.parker.com/racor

Holly Springs, MS
662 252 2656
www.parker.com/racor

### Hydraulic Filtration
Hydraulic & Fuel Filtration
Metamora, OH
419 644 4311
www.parker.com/hydraulicfilter

Laval, QC Canada
450 629 9594
www.parkerfarr.com

Velcon
Colorado Springs, CO
719 531 5855
www.velcon.com

### Process Filtration
domnick hunter Process Filtration
SciLog
Oxnard, CA
805 604 3400
www.parker.com/processfiltration

### Water Purification
Village Marine, Sea Recovery, Horizon Reverse Osmosis
Carson, CA
310 637 3400
www.parker.com/watermakers

## Europe

### Compressed Air Treatment
domnick hunter Filtration & Separation
Gateshead, England
+44 (0) 191 402 9000
www.parker.com/dhfsneu

Parker Gas Separations
Etten-Leur, Netherlands
+31 76 508 5300
www.parker.com/dhfsneu

Hiross Zander
Essen, Germany
+49 2054 9340
www.parker.com/hzfd

Padova, Italy
+39 049 9712 111
www.parker.com/hzfd

### Engine Filtration & Water Purification
Racor
Dewsbury, England
+44 (0) 1924 487 000
www.parker.com/rfde

Racor Research & Development
Stuttgart, Germany
+49 (0) 711 7071 290-10

### Hydraulic Filtration
Hydraulic Filter
Arnhem, Holland
+31 26 3760376
www.parker.com/hfde

Ujila, Finland
+358 20 753 2500

### Condition Monitoring
Parker Kittiwake
West Sussex, England
+44 (0) 1903 731 470
www.kittiwake.com

### Process Filtration
domnick hunter Process Filtration
Parker Twin Filter BV
Birtrley, England
+44 (0) 191 410 5121
www.parker.com/processfiltration

## Asia Pacific

### Australia
Castle Hill, Australia
+61 2 9634 7777
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www.parker.com/india

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### Singapore
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+65 6887 6300
www.parker.com/singapore

### Thailand
Bangkok, Thailand
+66 2186 7000
www.parker.com/thailand

## Latin America

### Parker Comercio Ltda.
Filtration Division
Sao Paulo, Brazil
+55 12 4009 3500
www.parker.com/br

### Pan American Division
Miami, FL
305 470 8800
www.parker.com/panam

### Africa
Aeroport Kempton Park, South Africa
+27 11 9610700
www.parker.com/africa

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