Model 408, 408² & 408FB

Size Range: 3” - 14”

A favorite and proven valve Model in the submersible water and wastewater industry for decades. The 408 features a clear-out port permitting access to the inside of the valve without removal from the pipe line. Flanged ANSI 125 connections. Model 408FB is equipped with a “floating” rather than a “sinking” ball to prevent backflow from drains.

Model 408/408FB are available in eight different sizes: 3”, 4”, 5”, 6”, 8”, 10”, 12” and 14”.

On special request, Flomatic offers optional high temperature and chemical resistance Model 408SS, an all stainless steel valve body with Nitrile coated metal ball or solid glass filled Teflon Ball.

Model 408/4082/408FB are available in eight different sizes: 3”, 4”, 5”, 6”, 8”, 10”, 12” and 14”.

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. Temperature</th>
<th>Max. Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>408 and 408FB</td>
<td>180°F</td>
<td>150 PSI</td>
</tr>
</tbody>
</table>

**HEADLOSS CHARTS**

Warranty: LIMITED ONE YEAR WARRANTY: The Flomatic Corporation warrants that its Ball Check Valves in all sizes are free from defects in materials and workmanship. Flomatic will replace any valve covered by this warranty found to be defective within one year from time of sale. This warranty will be void if the product has been modified in any way by the purchaser, or is subject to unreasonable use.

**Flomatic Corporation**
15 Poynt's Island Drive
Glens Falls, NY 12801-4421

Telephone: 1-(800)-833-2040      Direct Telephone: 1-(518)-761-9797
Fax: 1-(800)-314-3155                Direct Fax: 1-(518)-761-9798

www.flomatic.com

**Ball Check Valves**

*Storm Water and Wastewater Applications*

- Threaded Model 208, 208B, 208T
- Flanged Model 408, 408²
- Threaded/Flanged Model 508
**From America’s #1 Ball Check Valve Manufacturer...**

**Benefits & Features**
- Valves that end digging
- Flow Efficient
- Low Maintenance Cost

Recommended for flow velocities of 3’ to 5’ per sec. Horizontal installation requires 20’ static head for positive sealing.

Available in:
- Cast iron
- Ductile Iron
- Stainless Steel
- PVC

### Model 508 (Formally Model 50)
- 3” x 4”
- Stainless Steel Body
- Phenolic Ball
- Hex Nuts
- Threaded Brass Plate
- Stainless Steel Bolts

Temp Max: 180° (80°C)
Size Range: 1”- 2”

### Valve Body Assembly
- Cast Iron Body
- Phenolic Ball
- Seal
- Threaded Brass Plate
- Hex Nuts

Optimal bosses for rail mounting available on the 208B model.

### Model 208T
- Model 208T PVC Ball Check - Plastic
- Size Range: 1”- 2”
- Epoxy coated Cast Iron body with corrosion resistant phenolic “Sinking Ball” (floating optional Model 508FB). Simple two bolt access cover for clean out. Feature replaceable NITRILE (Buna-N) valve seat.

### Model 508 and 508FB
- Size Range: 1”- 4”
- Epoxy coated Cast Iron body with corrosion resistant phenolic “Sinking Ball” (floating optional Model 508FB. Simple two bolt access cover for clean out. Feature replaceable NITRILE (Buna-N) valve seat.)

### Model 2088
- Model 2088 Ball Check Valve - Cast Iron
- Size Range: 1”- 2”
- Access port for in-line service.

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### Parts Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty.</th>
<th>Description</th>
<th>Material</th>
<th>ASTM #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Valve Body</td>
<td>Cast Iron</td>
<td>A126 Class B</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Ball (Sinking)</td>
<td>Buna-N</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Cap</td>
<td>Cast Iron</td>
<td>A126 Class B</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>O-Ring</td>
<td>Buna-N</td>
<td></td>
</tr>
</tbody>
</table>

**Material Standards**
- A126: Class B Stainless Steel
- 40: ASTM A-622
- 41: ASTM A-537
- 42: Stainless Steel

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### Model 208T PVC Ball Check - Plastic

<table>
<thead>
<tr>
<th>“A” - Size</th>
<th>Part Number</th>
<th>A Maximum Width</th>
<th>B Maximum</th>
<th>Ball Diameter</th>
<th>Weight (Pounds)</th>
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</thead>
<tbody>
<tr>
<td>1” - NPT</td>
<td>2131T</td>
<td>6 15/16”</td>
<td>4 5/16”</td>
<td>1 5/16”</td>
<td>1.0</td>
</tr>
<tr>
<td>1” - Socket</td>
<td>2131S</td>
<td>6 15/16”</td>
<td>4 5/16”</td>
<td>1 5/16”</td>
<td>1.0</td>
</tr>
<tr>
<td>1 1/4” - NPT</td>
<td>2132T</td>
<td>5 1/16”</td>
<td>4 5/16”</td>
<td>1 5/16”</td>
<td>1.0</td>
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<tr>
<td>1 1/4” - Socket</td>
<td>2132S</td>
<td>5 1/16”</td>
<td>4 5/16”</td>
<td>1 5/16”</td>
<td>1.0</td>
</tr>
<tr>
<td>1 1/2” - NPT</td>
<td>2133T</td>
<td>4 13/16”</td>
<td>3 5/16”</td>
<td>2 1/2”</td>
<td>1.5</td>
</tr>
<tr>
<td>1 1/2” - Socket</td>
<td>2133S</td>
<td>4 13/16”</td>
<td>3 5/16”</td>
<td>2 1/2”</td>
<td>1.5</td>
</tr>
<tr>
<td>2” - NPT</td>
<td>2134T</td>
<td>3 11/16”</td>
<td>2 5/16”</td>
<td>2 1/2”</td>
<td>1.5</td>
</tr>
<tr>
<td>2” - Socket</td>
<td>2134S</td>
<td>3 11/16”</td>
<td>2 5/16”</td>
<td>2 1/2”</td>
<td>1.5</td>
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</tbody>
</table>

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### Model 208 and 508FB

<table>
<thead>
<tr>
<th>Size</th>
<th>Part Number</th>
<th>“A”</th>
<th>“B”</th>
<th>Weight (Pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1”</td>
<td>3233</td>
<td>4 1/2”</td>
<td>3 1/2”</td>
<td>3.5</td>
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<tr>
<td>1”</td>
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<tr>
<td>1 1/4”</td>
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<td>6</td>
</tr>
<tr>
<td>1 1/2”</td>
<td>3236</td>
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</tr>
<tr>
<td>2”</td>
<td>3237</td>
<td>5 3/4”</td>
<td>4 1/2”</td>
<td>11.5</td>
</tr>
<tr>
<td>3”</td>
<td>3238</td>
<td>8 1/2”</td>
<td>5 1/2”</td>
<td>36</td>
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<tr>
<td>4”</td>
<td>3239</td>
<td>10 1/2”</td>
<td>6”</td>
<td>45</td>
</tr>
</tbody>
</table>

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### Model 508/508FB are available in seven different sizes: 1”, 1 1/4”, 1 1/2”, 2”, 3”, and 4”.

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### Specifications Subject to Change Without Notice.

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*For References Use Only, Specifications Subject to Change Without Notice.*