

Click to see: Swing Check Valves in our Online Catalog

**FLOMATIC<sup>®</sup> VALVES**



## Swing Check Valves

*Industrial and Municipal Applications*




- Model 78
- Model 78A
- Model 745
- Model 90/92/93
- Model 93LW






**Flomatic Valves**

*High Quality Valves Built to Last...*

# FLOMATIC® WATER AND

| Model 78 & 78A   | Model 745  | Model 90/92/93  |
|--|--|---|
|    |   |    |
| <p align="center"><b>Valve Construction</b></p>  | <p align="center"><b>Valve Construction</b></p>  | <p align="center"><b>Valve Construction</b></p>   |
| <p>Flo-Flex® cast iron body. ANSI class 125 flanged ends. Neoprene encapsulated valve disc with "O-Ring" seal (2"-8"). Reinforced Buna-N (7 ply) 10"-14".</p>  | <p>Model 745 Flo-Flex® epoxy coated Ductile Iron body. Rubber encapsulated steel valve disc with o-ring.</p>   | <p>Cast iron body. Bronze trim and stainless steel shaft. Meets AWWA C508 specifications. ANSI class 125 flanged ends.</p>  |
| <p align="center"><b>Size, Pressure, Temperature Range</b></p>   | <p align="center"><b>Size, Pressure, Temperature Range</b></p>   | <p align="center"><b>Size, Pressure, Temperature Range</b></p>  |
| <p>Size Range: 2½" - 14"</p> <p>Pressure Rating:<br/>175 PSI: 2½" - 12"<br/>150 PSI: 14"</p> <p>Temperature Max:<br/>140°F (60C)</p>   | <p>Size Range: 2" - 24"</p> <p>Pressure Rating:<br/>250 PSI: 2" - 24"</p> <p>Temperature Max:<br/>140°F (60C)</p>  | <p>90/92 Size Range: 2" - 30"<br/>93 Size Range: 2" - 12"</p> <p>Pressure Rating:<br/>200 PSI: 2" - 12"<br/>150 PSI: 14" - 30"</p> <p>Temperature Max:<br/>180°F (80C)</p>  |
| <p align="center"><b>Benefits &amp; Features</b></p>   | <p align="center"><b>Benefits &amp; Features</b></p>   | <p align="center"><b>Benefits &amp; Features</b></p>  |
| <ul style="list-style-type: none"> <li>• Low Friction Losses</li> <li>• Drip Tight Seating</li> <li>• Full Ported</li> <li>• Stainless Steel Fasteners</li> <li>• Low Maintenance</li> <li>• No Hinge Pin or Spring to Wear</li> <li>• Completely Repairable Inline</li> <li>• 78A is an angled Body Configured According to ANSI B16.1</li> </ul> | <ul style="list-style-type: none"> <li>• Full Ported</li> <li>• Low Friction Losses</li> <li>• 45° Angled Seat</li> <li>• Precision Molded Valve Disc with Integral "O" Ring Type Sealing</li> <li>• Drain Plug</li> <li>• Access Cover</li> </ul> | <ul style="list-style-type: none"> <li>• Full Ported</li> <li>• Low Maintenance</li> <li>• Stainless Steel Fasteners</li> <li>• Completely Repairable Inline</li> <li>• Fusion Epoxy Coated (Model 92)</li> </ul> |
| <p align="center"><b>Available Accessories</b></p>   | <p align="center"><b>Available Accessories</b></p>   | <p align="center"><b>Available Accessories</b></p>  |
| <ul style="list-style-type: none"> <li>• Vacuum Relief System</li> <li>• Proximity Switch</li> <li>• Rubber Lining</li> </ul>  | <ul style="list-style-type: none"> <li>• Disc Position Indicator</li> <li>• Backflow Device</li> <li>• Proximity Switch</li> <li>• Stainless Steel Bolts</li> <li>• Vacuum Relief System</li> </ul>  | <ul style="list-style-type: none"> <li>• Vacuum Relief System</li> <li>• Proximity Switch</li> <li>• Stainless Steel Seat Rings (Model 92)</li> </ul>   |

# WASTE WATER VALVES

| Model 90LS/92LS  | Model 90LW/92LW/93LW   | Model 90CS/92CS  |
|--|--|--|
|   |    |   |
| <p align="center"><b>Valve Construction</b></p>  | <p align="center"><b>Valve Construction</b></p>  | <p align="center"><b>Valve Construction</b></p>  |
| <p>Cast iron body. Bronze trim and stainless steel shaft. Meets AWWA C508 specifications. ANSI class 125 flanged ends.</p>   | <p>Cast iron body. Bronze trim and stainless steel shaft. Meets AWWA C508 specifications. ANSI class 125 flanged ends.</p>   | <p>Cast iron body. Bronze trim and stainless steel shaft. Meets AWWA C508 specifications. ANSI class 125 flanged ends.</p>   |
| <p align="center"><b>Size, Pressure, Temperature Range</b></p>   | <p align="center"><b>Size, Pressure, Temperature Range</b></p>   | <p align="center"><b>Size, Pressure, Temperature Range</b></p>   |
| <p>Size Range: 2" - 30"</p> <p>Pressure Rating:<br/>200 PSI: 2" - 12"<br/>150 PSI: 14" - 30"</p> <p>Temperature Max:<br/>180°F (80C)</p>   | <p>90/92 Size Range: 2" - 30"<br/>93LW Size Range: 2" - 12"</p> <p>Pressure Rating:<br/>200 PSI: 2" - 12"<br/>150 PSI: 14" - 30"</p> <p>Temperature Max:<br/>180°F (80C)</p>   | <p>Size Range: 3" - 30"</p> <p>Pressure Rating:<br/>200 PSI: 2" - 12"<br/>150 PSI: 14" - 30"</p> <p>Temperature Max:<br/>180°F (80C)</p>   |
| <p align="center"><b>Benefits &amp; Features</b></p>   | <p align="center"><b>Benefits &amp; Features</b></p>   | <p align="center"><b>Benefits &amp; Features</b></p>   |
| <ul style="list-style-type: none"> <li>• Full Ported</li> <li>• Assisted Closure with Adjustable Lever &amp; Spring</li> <li>• Low Maintenance</li> <li>• Stainless Steel Fasteners</li> <li>• Completely Repairable Inline</li> <li>• Fusion Epoxy Coated (Model 92)</li> </ul> | <ul style="list-style-type: none"> <li>• Full Ported</li> <li>• Assisted Closure with Adjustable Lever &amp; Weight</li> <li>• Low Maintenance</li> <li>• Stainless Steel Fasteners</li> <li>• Completely Repairable Inline</li> <li>• Fusion Epoxy Coated (Model 92)</li> </ul> | <ul style="list-style-type: none"> <li>• Full Ported</li> <li>• Adjustable Lever &amp; Weight</li> <li>• Assisted Sealed Air Cylinder for Cushioned Closure</li> <li>• Low Maintenance</li> <li>• Stainless Steel Fasteners</li> <li>• Completely Repairable Inline</li> <li>• Fusion Epoxy Coated (Model 92)</li> </ul> |
| <p align="center"><b>Available Accessories</b></p>   | <p align="center"><b>Available Accessories</b></p>   | <p align="center"><b>Available Accessories</b></p>   |
| <ul style="list-style-type: none"> <li>• Vacuum Relief System</li> <li>• Limit Switch</li> <li>• Rubber Seating</li> <li>• Stainless Steel Seat Rings (Model 92)</li> </ul>  | <ul style="list-style-type: none"> <li>• Vacuum Relief System</li> <li>• Limit Switch</li> <li>• Rubber Seating (Model 90/92 only)</li> <li>• Stainless Steel Seat Rings (Model 92)</li> </ul>   | <ul style="list-style-type: none"> <li>• Vacuum Relief System</li> <li>• Limit Switch</li> <li>• Rubber Seating</li> <li>• Stainless Steel Seat Rings (Model 92)</li> </ul>  |



Boston Tunnel Project - "The Big Dig"

## LARGE SWING CHECK VALVES

- 30" Flomatic Model 90CS Air Cushion Swing Check Valves
- Storm Water Pump Station - Rated 38,000 GPM
- 14,200 GPM Per Pump



Bayville, New Jersey

## FLO-FLEX™ SWING CHECK VALVES

- 14" Flomatic Model 78 Flo-Flex® Swing Check Valves with Vacuum Relief Option
- Waste Water Treatment Plant Storm Overflow Containment System
- 4,700 GPM Per Pump



Columbia, SC Water Treatment Plant

## VALVES WITH BUILT-IN AIR/VACUUM VALVES

- 16" Flomatic Model 90CS Air Cushion Swing Check Valve with Air Release System
- Water Filter Backwash Water Re-Circulation System
- 5,600 GPM Per Pump

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

**FLOMATIC® VALVES**

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