



Stainless Steel Check Valves

Water and Industrial Applications

- Certa-Lok™* Model 80S6CL
- Threaded Model 80SS & 80S6VFD
- Threaded Model 100SS
- Threaded Model 100MS

FLOMATIC® VALVES
High Quality Valves Built to Last...



*Certa-Lok® is a registered trademark with a Certainteed Corporation.

Flomatic Valves

High Quality Valves Built to Last...

America's #1 Unleaded

Industry Proven Design

One of the most complete Stainless Steel product line in the industrial valve market.

Industry proven design and millions in operation, patented WCR™ (Warranted Check Reliability) poppet has evolved from Flomatic's pioneering work in stemless poppet design to eliminate problems associated with stem guided valves. We believe our valves to be the best on the market today from any standpoint – poppet strength, head loss, long life, noiseless, and trouble-free operation.

The patented WCR™ poppet is designed to float evenly in the water flow when the valve is open. It will not flutter, spin, or wobble, this eliminates a major cause of poppet wear and valve hang-up.



New Guide Leg Follower

When well water is pumped it can cause potential failure to check valves. Flomatic's new series "H" check valve eliminates start-up problems in water well systems due to sand and debris.

The "H" model is now standard in all 1" check and foot valves.

"H" model is now standard

Flomatic Valve Advantages

With the WCR™ poppet, Flomatic valves give you these advantages:

- Stemless design eliminates sticking
- Incorporates patented features to maximize performance
- Tapered valve seat is self-cleaning
- Stable poppet reduces wear, eliminates noise
- Lowest head loss of any comparable valve
- FLO-FIN preventing pipe end from blocking off flow (PATENTED)
- Long wearing, corrosion resistant materials are used throughout – Enviro-Check® stainless steel, Buna N rubber, Delrin®
- Can be used with water, oil or gasoline
- 100% tested under water pressure

Flomatic Advantages	Features	Benefits
Valve Guide	Stemless Design	Eliminates Sticking
Valve Seat	Radius Valve Seat	Self Cleaning Valve Seat
Stable Poppet	Drop Shape Poppet	Reduce Friction Loss
Low Headloss	Larger Flow Areas	Lower Friction Loss
Patented FLO-FIN	Insulated No Pipe End Block Off	Increased Flow
100% Water Tested	Water Pressure and Seat Tested	Ensured Operations
5 Year Warranty	Higher Quality Assurance	Lower Ownership Cost



Model 80SS Features Stainless Internals



These new check valves have durable internals for more aggressive applications. They feature an all 316 stainless steel guide. The stainless internal poppet system is also available as an option in all our Enviro-Check® valve models.

ed Valve Manufacturer

Flomatic's check valves are made from the finest materials available to provide long life and superior performance. Poppets are of Delrin® with Buna-N rubber sealing discs and stainless steel springs. These check valves are suitable for use in water, oil and gasoline, and are warranted for five years.

SIZE Female x Female	MODEL 80S6	MODEL 80SS Threaded F x F	MODEL 100SS Hexed Shape F x F	MODEL 80SSA 1/8" Tap on Inlet	MODEL 80SSC 4 Taps-1/8" on Inlet, 2-1/4" Outlet, 1/8" Outlet	MODEL 80SSB 1/8" Tap on Inlet, 1/4" on Outlet	MODEL 80SSXB 2-1/4" Taps on Outlet	MODEL 80SSHT High Temperature Poppet	MODEL 80S6CL CERTA-LOK™	MODEL 80S6MCL CERTA-LOK™ Male NPT
1"	4031S6	4031SS2	4201SS2	4041SS2	4061SS2	4051SS2	-	4031HTSS	-	-
1-1/4"	4032S6	4032SS2	4202SS2	4042SS2	4062SS2	4052SS2	7961SS2	4032HTSS	-	-
1-1/2"	4033S6	4033SS2	-	4043SS2	-	-	7963SS2	4033HTSS	-	-
2"	4034S6	4034SS2	-	4044SS2	-	-	-	4034HTSS	7937S6CL	7937S6MCL
2-1/2"	-	-	-	-	-	-	-	4035HTSS	-	-
3"	7938S6	-	-	-	-	-	-	4036HTSS	7938S6CL	7938S6MCL
4"	7939S6	-	-	-	-	-	-	-	7939S6CL	7939S6MCL
6"	4089S6	-	-	-	-	-	-	-	4089S6CL	4089S6MCL
8"	4090XSS	-	-	-	-	-	-	-	-	-
10"	4091XSS	-	-	-	-	-	-	-	-	-



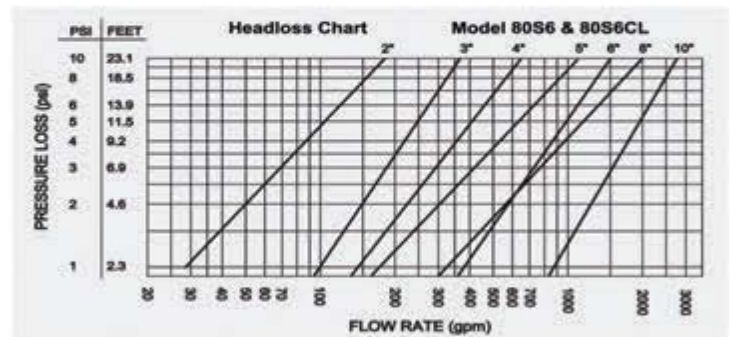
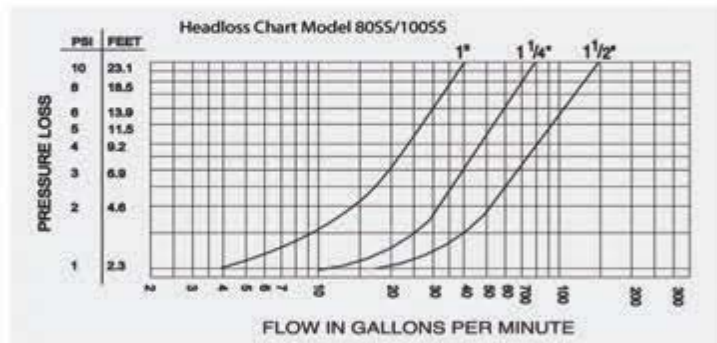
80E
ENVIRO-CHECK®

FLOMATIC® VALVES



60SE
ENVIRO-FOOT

Other models are available in unleaded bronze or plastic



NEW UP-GRADE OPTION:

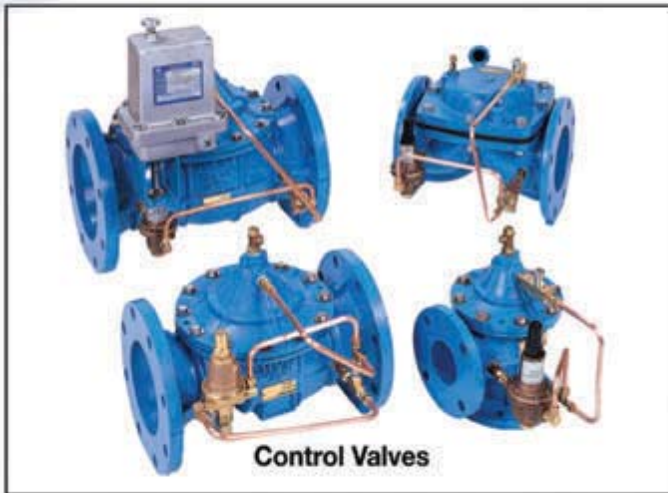
Stainless steel internal poppet system available on all models.



FLOMATIC® VALVES

High Quality Valves Built to last...

Other Flomatic Products



Warranty: LIMITED ONE YEAR WARRANTY: The Flomatic Corporation warrants that its 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.

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