

Check Valves Foot Valves

Danfoss



SERIES
60SE, 80E, 100E



FLOMATIC® VALVES



High Quality Valves Built to Last...

From America's #1 Unleaded Valve Manufacturer...

WCR™ Poppet

Industry proven design and millions in operation, the 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. Flomatic makes the only foot and check valves that have a five year warranty.



Flomatic Valve Advantages

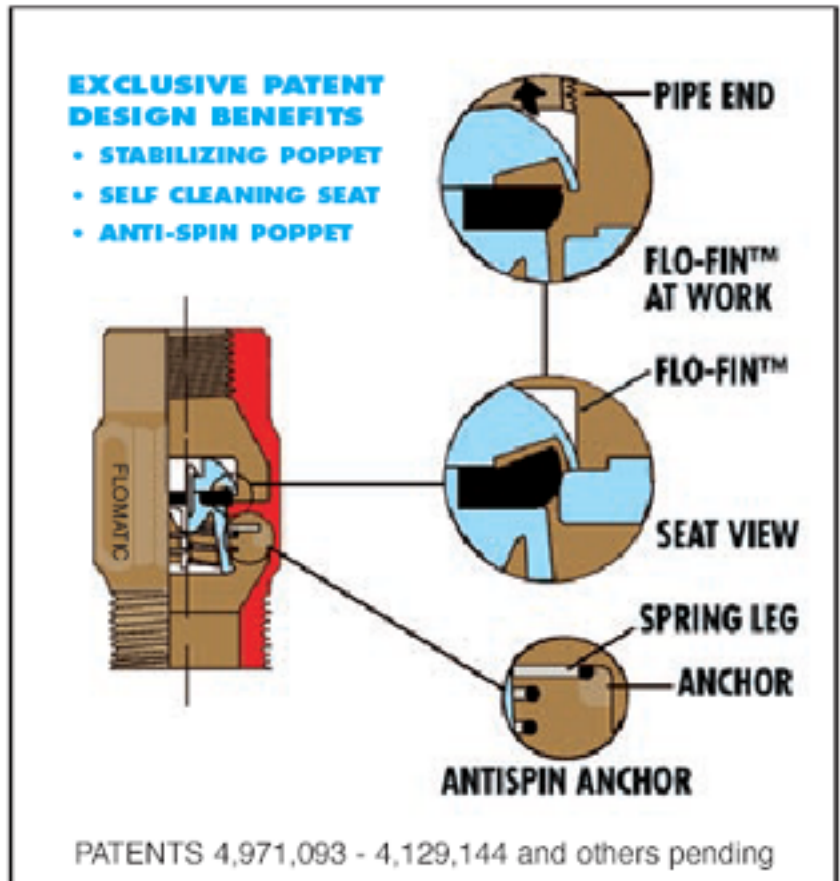
With the WCR™ poppet, Flomatic valves give you these advantages:

- Stemless design eliminates sticking
- Incorporates patented features to maximize performance
- Tapered valve seat is self-cleaning — eliminates leaking due to sand and other foreign particles
- 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
- Five-year Warranty



The first UNLEADED CHECK VALVE was developed by Flomatic Corporation in 1991 in order to protect potable water from lead contamination.

The ENVIRO-CHECK® valves in this series are designed to comply with California Proposition 65 the most stringent of the state and proposed EPA guidelines for reduced lead content and lead leaching.



FOR HIGHEST CHECK VALVE RELIABILITY IN SUBMERSIBLE PUMP APPLICATIONS

Unleaded Check Valves



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 <i>(and/or Ends)</i>	Stainless Steel	Enviro-Check®								Ductile Iron	
	MODEL 80SE	MODEL 80E <i>Thread End</i>	MODEL 100E <i>Head End</i>	MODEL 100ME <i>Head End</i>	MODEL 80AE <i>1/2" by male</i>	MODEL 80CE <i>1/2" by 1/2" female, 3/4" by 1/2" female</i>	MODEL 80BE <i>1/2" by male</i>	MODEL 80XBE <i>3/4" by male</i>	MODEL 80HTE <i>High Pressure Angle</i>	MODEL 80DI	MODEL 80DX
1/4"	-	-	-	-	-	-	-	-	5110HTE	-	-
3/8"	-	-	-	-	-	-	-	-	5150HTE	-	-
1/2"	-	4029E	-	-	-	-	-	-	4029HTE	-	-
3/4"	-	4030E	4030E	-	4040E	-	4050E	-	4030HTE	-	-
1"	4031SE	4031E	4031E*	-	4041E	4061E	4051E	7961E	4031HTE	4031DI	-
1-1/4"	4032SE	4032E	4032E	-	4042E	4062E	4052E	7962E	4032HTE	4032DI	-
1-1/2"	4033SE	4033E	-	-	4043E	4063E	4053E	7963E	4033HTE	4033DI	-
2"	4034SE	4034E	-	-	4044E	4064E	4054E	7964E	4034HTE	7937	-
2-1/2"	-	4035E	-	-	4045E	4065E	4055E	-	4035HTE	7936	-
3"	7938SE	4036E	-	-	4046E	4066E	4056E	-	4036HTE	7938	7938DX
4"	7939SE	4037E	-	-	4047E	4067E	4057E	-	4037HTE	7939	7939DX
6"	4089SE	-	-	-	-	-	-	-	-	4089	4089DX
8"	4090SE	-	-	-	-	-	-	-	-	4090	4090DX
10"	-	-	-	-	-	-	-	-	-	-	4091DX
10" Turbo	-	-	-	-	-	-	-	-	-	-	4091T
1 3/4" x 1 1/2"	4220SE	-	-	4071E	-	-	-	-	-	-	-
1-1/4" x 1 1/4"	4221SE	-	-	4221E	-	-	-	-	-	-	-
1-1/4" x 1-1/4"	4242SE	-	-	4242E	-	-	-	-	-	-	-
1-1/2" x 1-1/4"	-	-	-	4223E	-	-	-	-	-	-	-
2" x 2"	-	-	-	4079E**	-	-	-	-	-	-	-
3" x 3"	-	-	-	4076E**	-	-	-	-	-	-	-

* Larger Thread - Add L to part number.
** 80E body style

Model 100ES & 80ES with 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.

NEW UP-GRADE OPTION:
STAINLESS STEEL INTERNAL POPPET SYSTEM AVAILABLE ON ALL MODELS (15% ADDER)

FLOMATIC® Foot Valves

Models
60SE
333E



333E-ENVIRO-CHECK®- body with high strength acetal poppet. Tapered stainless steel strainer, end cap, spring and fasteners. NITRILE (Buna-N) seal.
Temp Max: 180° F (80C) Pressure Max: 250 PSI
Note: For BSP and BSPP threads CONSULT FACTORY.



60SE-ENVIRO-CHECK®- body with threaded female connection. Features a NITRILE (Buna-N) seal, acetal poppet, stainless steel spring and strainer.

Temp Max: 180° F (80C) Pressure Max: 250 PSI (1/2" size 150 PSI)
Note: For BSP and BSPP threads CONSULT FACTORY.

Other models are available in stainless steel or plastic

Also Available from

FLOMATIC® VALVES



Check Valves



In-Line Check Valves



Ward Check Valves



Swing Check Valves



Unleaded Backflow
Preventers



Ball Check Valves

FLOMATIC® VALVES STOCKING WAREHOUSES

ATLANTIC REGION

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Pottstown, PA
Phone: 610-495-5600
Fax: 610-495-3072

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Fax: 704-821-0948

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Fax: 303-371-1808

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• REP RITE BURK & ASSOCIATES
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