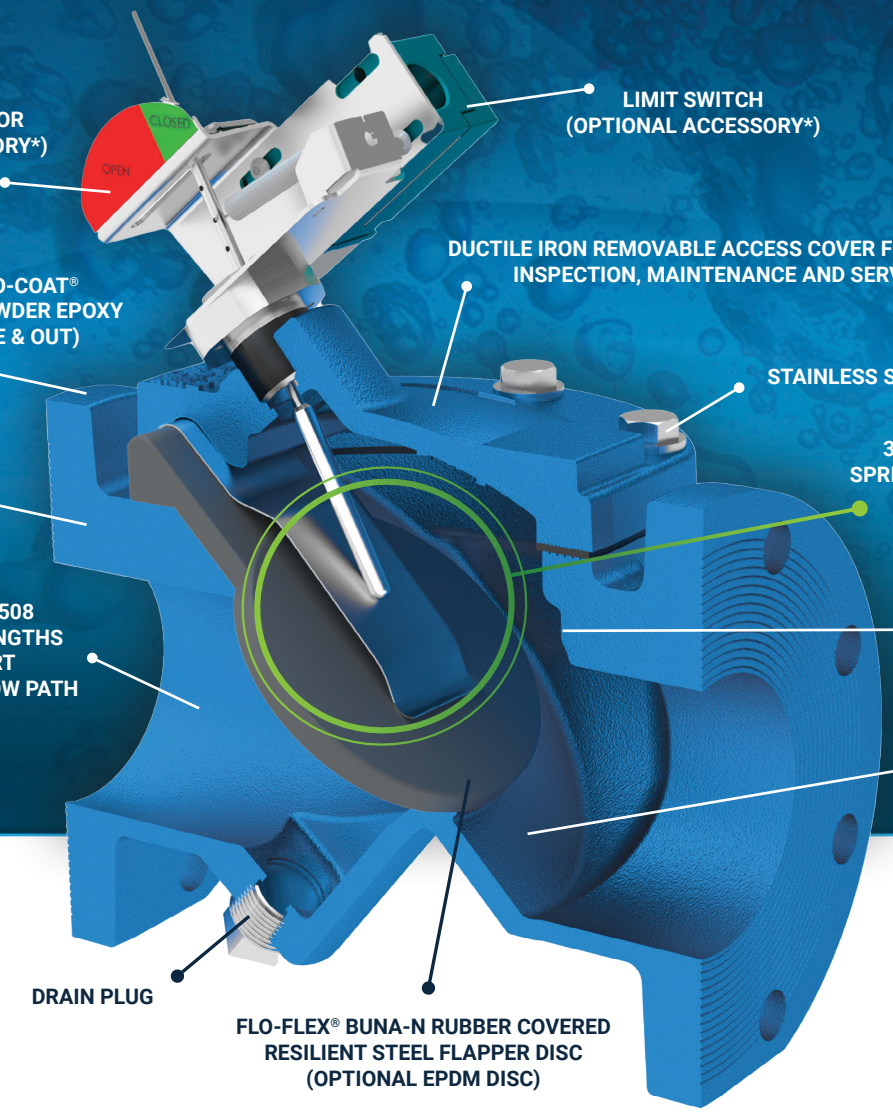
FLOMATIC® VALVES

MODEL 745 SURGE-STOPPER®

WITH RAPID CLOSURE SPRING FOR SLAM AND SURGE PROTECTION

Engineered for demanding high-velocity wastewater applications, as well as systems with high head, surge tanks, or multiple pump operations, the Model 745 Surge-Stopper® features a rapid closure spring that accelerates valve closure during flow reversal, helping prevent valve slam, water hammer, and damaging surge pressures.



POSITION INDICATOR (OPTIONAL ACCESSORY*)

LIMIT SWITCH (OPTIONAL ACCESSORY*)

NSF/ANSI 61 FLO-COAT® FUSION-BONDED POWDER EPOXY COATING (INSIDE & OUT)

DUCTILE IRON REMOVABLE ACCESS COVER FOR IN-LINE INSPECTION, MAINTENANCE AND SERVICE

STAINLESS STEEL HARDWARE

DUCTILE IRON BODY

316 STAINLESS STEEL SPRING FOR RAPID CLOSURE

MEETS AWWA C508 STANDARD LAY LENGTHS AND FULL PORT UNOBSTRUCTED FLOW PATH

35° OR LESS DISC TRAVEL

45° SEATING SURFACE

DRAIN PLUG

FLO-FLEX® BUNA-N RUBBER COVERED RESILIENT STEEL FLAPPER DISC (OPTIONAL EPDM DISC)

LEARN MORE
745 SURGE-STOPPER®

AIS AND BABA-COMPLIANT OPTIONS (SIZES 3”–12”)*

*Must be specified at time of quote and order. Note, the inclusion of certain accessories may impact AIS and BABA-compliance. Consult factory for details.

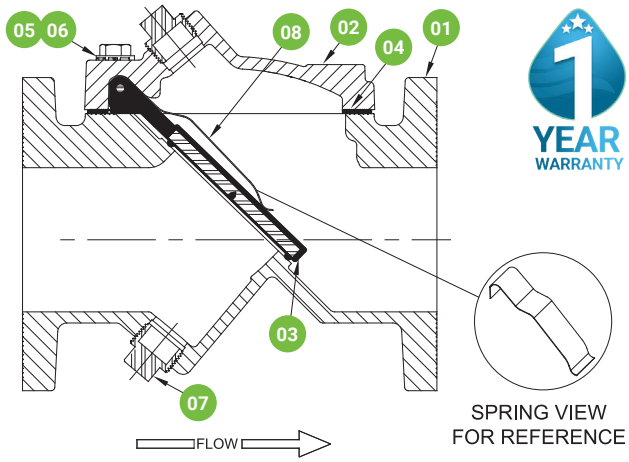
FLOMATIC® VALVES

MODEL 745 SURGE-STOPPER®

AWWA C508 SWING CHECK VALVE WITH RAPID CLOSURE SPRING

The Model 745 Surge-Stopper® Flapper Check Valve features a **ductile iron body** with an NSF/ANSI 61 Flo-Coat® fusion-bonded powder epoxy coating for enhanced corrosion resistance. Designed with a 45° seating surface and a one-piece molded **Flo Flex® Buna-N rubber covered resilient steel flapper disc that travels 35° or less**, this valve incorporates a replaceable **stainless steel spring for assisted accelerated closure,** positioned on the disc to enhance surge control and deliver drip-tight sealing performance while minimizing disc travel for responsive closure. The molded disc incorporates a raised rib seal that provides line contact with the precision-machined seat surface, ensuring bubble-tight sealing even under low-pressure conditions. This model is available in sizes 2" to 24", with AIS and BABA-compliant* sizes offered from 3" to 12".

* Must be specified at time of quote and order. Consult factory for details.



1 YEAR WARRANTY

FEATURES AND BENEFITS

- **Simple, Reliable Operation -** With no moving internal parts, the Flo-Flex® flexing disc automatically opens and closes with changes in flow direction. The simplicity of the design enhances reliability and reduces the potential for mechanical failure
- **Low Head Loss -** Engineered to meet AWWA C508 Standard (Clear Waterway Design), the full port unobstructed flow path minimizes head loss, improves efficiency, and helps reduce pumping costs
- **Retrofit Compatibility -** Manufactured to AWWA C508 Standard lay lengths, allowing direct replacement without piping modifications. Ideal for upgrading existing systems while minimizing downtime and installation costs

CONSTRUCTION MATERIALS

Item	Qty	Description	Material	ASTM
1	1	Body (Epoxy Coated)	Ductile Iron	A536 65-45-12
2	1	Cover (Epoxy Coated)	Ductile Iron	A536 65-45-12
3	1	Flapper	BUNA-N/Steel	-
4	1	Gasket	BUNA-N	-
5	A/R	Bolt	Stainless-Steel	304
6	A/R	Washer	Stainless-Steel	304
7	2	Pipe Plug	Stainless-Steel	304
8	1	Spring	Stainless-Steel	17-7 ph

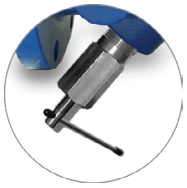
A/R = Amount Required

SIZES: 2”–24”

PRESSURE MAX: 250 PSI

TEMP MAX: 140°F (60°C)

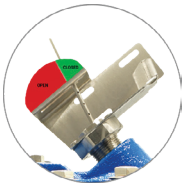
BACKFLUSH DEVICE



Simplifies routine maintenance by allowing quick, effective flushing without removing the valve from the pipeline

Add “BF” to end of Model 745 part number

POSITION INDICATOR



Provides clear visual confirmation of valve position for faster inspection and improved operational awareness

Add “PI” to end of Model 745 part number

LIMIT SWITCH



Provides valve position feedback to SCADA and control systems by signaling open or closed status, enabling remote monitoring and improved operational awareness.

Add “LS” to end of Model 745 part number