



300PSI SWING CHECK VALVE, FLANGED ENDS

MODEL: SFL-SC-300-F



SIZES 2" TO 12"

GENERAL DESCRIPTION

Sanflo Swing Check Valves are designed only for fire protection services. Also referred to as non-return, retention, or one-way valve, a check valve is designed to only allow the flow of water in one direction. A swing type clapper is found inside the valve which is spring loaded preventing water from flowing in a return direction.

KEY TECHNICAL FEATURES

Conforms to: AWWA C508	Max working pressure: 300PSI (21 bar)
Approvals: UL, ULC & FM	Max testing pressure: 600PSI (42bar)
Flanged ends are ANSI B16.2, CLASS 125/150/250	Min/max working temperature: 15°F to 250°F (-10°C to 120°C)
Conforms to UL312 and ULC/ORD-C312 and FM CLASS 1210 (non-shock cold working pressure)	Coating: fusion bonded epoxy interior and exterior conforming to AWWA C550
Includes two test plugs	Certified lead free to: NSF-61 & ANSI-372

DIA.	LENGTH		HEIGHT		WEIGHT	
	Inch	mm	Inch	mm	LB	KG
2" (50mm)	8	203	5.6	142	13	28.7
2.5" (65mm)	8.5	216	5.83	148	18.3	40.4
3" (80mm)	9.49	241	6.44	163.5	22.7	50.1
4" (100mm)	11.5	292	6.77	172	27	59.5
6" (150mm)	14.02	356	9.17	233	53	116.9
8" (200mm)	19.49	495	11.85	301	95	209.5
10" (250mm)	24.49	622	13.7	348	183	403.5
12" (300mm)	27.48	698	16.5	419	274	604.2



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CARE AND MAINTENANCE

No regular maintenance is required, however it is advisable to annually inspect and verify proper operation. The frequency of testing, inspections, and/or maintenance is the sole responsibility of the end user. Only qualified fire protection integrators should perform any required maintenance involving the valve.

ORDERING INFORMATION

Specify model **SFL-SC-300-F** and include valve size (diameter)
2" (50mm) 2.5" (65mm) 3" (80mm) 4" (100mm) 6" (150mm)
8" (200mm) 10" (250mm) 12" (300mm)

SANFLO PRODUCT WARRANTY

One (1) year from original sale date. Sanflo guarantees to repair or replace any products deemed to be defective in material or fabrication. Visit our website for full warranty details.

MATERIAL SPECIFICATIONS

ITEM	PART	MATERIAL & SPEC
1	Body	Ductile Iron, A536 65-45-12
2	Disc Ring	Rubber, EPDM
3	Disc Ring Retainer	Ductile Iron, A536 65-45-12
4	Disc	Ductile Iron, A536 65-45-12
5	Seat Ring	Bronze, B62 C83600
6	Retainer Bonnet	Stainless Steel, AISI 304
7	Bonnet	Ductile Iron, A536 65-45-12
8	Gasket	Rubber, EPDM
9	Hinge Pin	Stainless Steel, AISI 304
10	Clapper Arm	Ductile Iron, A536 65-45-12
11	NPT Plug	Malleable Iron
12	Pin Plug	Stainless Steel, AISI 304
13	Eyebolt	Carbon Steel, A307 B
14	Bonnet Bolt	Carbon Steel, A307 B