



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

### DESCRIPTION

The Apollo International™ Model 910F-LFA Flanged Cast Swing Check Valve provides full flow capabilities. It provides reliable and economical protection against reverse flow. The Model 910F-LFA Swing Check Valve can be reliably installed in plumbing and heating systems (or building service piping). Valves are MSS SP-71 compliant and include NSF lead free certifications.

### FEATURES

- Compatible with ANSI 125# & 150# Flanges
- Full Port
- Minimal Pressure Drop
- Flanged Connection
- Bolted Bonnet
- Integral Bronze Seat
- FDA Food Grade Epoxy Powder Coat Finish

### STANDARDS

- MSS SP-71 - Gray Iron Swing Check Valves Flanged and Threaded - Type 1
- ASME B16.10 - Face-to-Face and End-to-End Dimensions of Valves

### APPROVALS

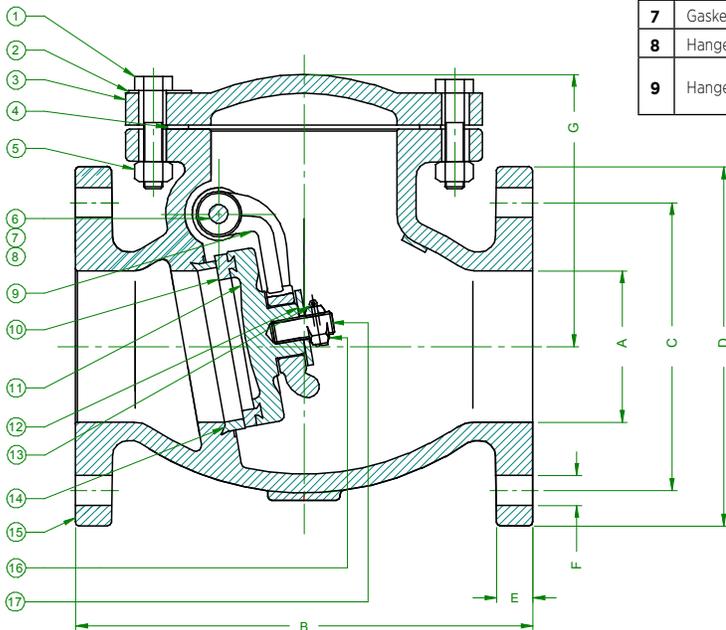
- NSF/ANSI 372 Lead Free
- NSF/AND 61 Water Quality

### PERFORMANCE RATING

- Cold Working Pressure:
  - 200 psi (13.8 Bar) at 100°F (2"-12")
  - 150 psi (10.3 Bar) at 100°F (14"-20")
- Saturated Steam:
  - 125 psi (8.6 Bar) at 353°F (2"-12")
  - 100 psi (6.9 Bar) at 338°F (14"-20")
- Temperature Range: -20°F to 406°F Max

### STANDARD MATERIALS LIST

1	Bolts	Steel (ASTM A307 B)	10	Disc Ring	Cast Lead Free Bronze (2"-6") Cast Iron (ASTM A126 CL B) (8"-20")
2	Nameplate	Aluminum	11	Disc	Cast Iron (ASTM A126 CL B)
3	Bonnet	Cast Iron (ASTM A126 CL B)	12	Washer	Steel (ASTM A307 B)
4	Body Gasket	Graphite	13	Split Pin	Stainless Steel (ASTM 420 S42000)
5	Nuts	Steel (ASTM A307 B)	14	Seat Ring	Cast Lead Free Bronze (2"-6") Cast Iron (ASTM A126 CL B) (8"-20")
6	Side Plug	Cast Lead Free Bronze	15	Body	Cast Iron (ASTM A126 CL B)
7	Gasket	PTFE	16	Disc Nut	Steel (ASTM A307 B)
8	Hanger Pin	Cast Lead Free Bronze	17	Stud Bolt	Steel (ASTM A307 B)
9	Hanger	Ductile Iron (ASTM A536 65-45-12)			



### DIMENSIONS

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)							WT. (LB.)	CV (TYP)
		A	B	C	D	E	F	G		
6SC108B1LFA	2"	2.00	8.00	4.75	6.00	0.62	0.75	4.41	26	132
6SC109B1LFA	2.5"	2.50	8.50	5.50	7.00	0.69	0.75	5.24	39	192
6SC100B1LFA	3"	3.00	9.50	6.00	7.50	0.75	0.75	5.67	47	298
6SC10AB1LFA	4"	4.00	11.50	7.50	9.00	0.94	0.75	6.61	82	526
6SC10BB1LFA	5"	5.00	13.00	8.50	10.00	0.94	0.88	7.80	124	852
6SC10CB1LFA	6"	6.00	14.00	9.50	11.00	1.00	0.88	8.54	160	1272
6SC10E01LFA	8"	8.00	19.50	11.75	13.50	1.12	0.88	10.28	271	2278
6SC10G01LFA	10"	10.00	24.50	14.25	16.00	1.19	1.00	11.30	437	3588
6SC10H01LFA	12"	12.00	27.50	17.00	19.00	1.25	1.00	12.56	644	5342
6SC10J01LFA	14"	14.00	31.00	18.75	21.00	1.38	1.14	17.50	950	6512
6SC10K01LFA	16"	16.00	36.00	21.25	23.50	1.44	1.14	23.45	1160	8626
6SC10M01LFA	18"	18.00	36.00	22.75	25.00	1.56	1.25	27.50	1720	11488
6SC10N01LFA	20"	20.00	40.00	25.00	27.50	1.69	1.25	29.25	2094	14304

Cv = GPM @ 1 psi pressure drop, 60°F water  
 \*Cv values are estimates only  
 \*\*LFA models replace LF models

\*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.