



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

DESCRIPTION

The **Apollo International™ Model 620F-LFA Flanged Cast Iron Gate Valve** provides full flow capabilities. The Model 620F-LFA Gate Valve can be reliably installed in plumbing and heating systems (or building service piping). Valves are MSS SP-70 compliant and include NSF lead free certifications.

FEATURES

- Compatible with ANSI 250# & 300# Flanges
- Full Port
- Bronze Mounted Seat Rings/Trim
- Solid Wedge
- Adjustable Graphite Stem Packing
- Non-Rising Stem
- Flanged Connection
- Bolted Bonnet
- Rugged Iron Hand Wheel
- Back Seat Protection
- FDA Food Grade Epoxy Powder Coat Finish

STANDARDS

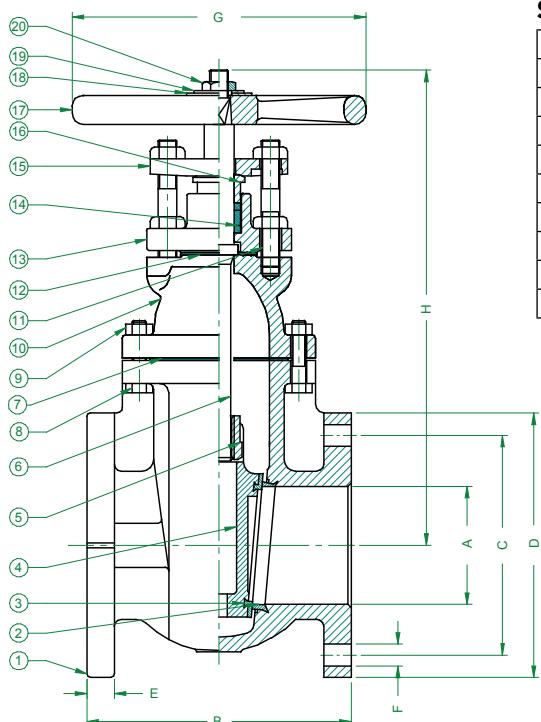
- MSS SP-70 - Gray Iron Gate Valves Flanged and Threaded - Type 1
- ASME B16.10 - Face-to-Face and End-to-End Dimensions of Valves

APPROVALS

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

PERFORMANCE RATING

- Cold Working Pressure: 500 psi (34.5 bar) at 100°F (37.78°C)
- Saturated Steam: 250 psi (17.2 bar) at 406°F (207°C)
- Temperature Range: -20°F to 406°F Max



STANDARD MATERIALS LIST

1	Body	Cast Iron (ASTM A 126 CL B)
2	Seat Rings	Cast Lead Free Bronze
3	Wedge Face Rings	Cast Lead Free Bronze
4	Wedge	Cast Lead Free Bronze
5	Wedge Nut	Cast Lead Free Bronze
6	Stem	Cast Lead Free Bronze
7	Body Gasket	Graphite
8	Bolts	Carbon Steel (ASTM A307 B)
9	Nuts	Carbon Steel (ASTM A307 B)
10	Bonnet	Cast Iron (ASTM A 126 CL B)
11	Gland Follower Bolts	Carbon Steel (ASTM A307 B)
12	Stuffing Box Gaskets	Graphite
13	Stuffing Box	Cast Iron (ASTM A 126 CL B)
14	Packing	PTFE
15	Gland Follower	Ductile Iron (ASTM A536 65-45-12)
16	Packing Gland	Cast Lead Free Bronze
17	Handwheel	Cast Iron (ASTM A 126 CL B)
18	Nameplate	Aluminum
19	Washer	Carbon Steel (ASTM A307 B)
20	Handwheel Nut	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	H (OPEN)		
6GA208BILFA	2"	2.00	8.50	5.00	6.50	0.88	0.75	7	11.28	42	328
6GA209BILFA	2.5"	2.50	9.50	5.88	7.50	1.00	0.88	7	12.72	55	482
6GA200BILFA	3"	3.00	11.12	6.62	8.25	1.12	0.88	8	13.31	66	744
6GA20ABILFA	4"	4.00	12.00	7.88	10.00	1.25	0.88	10	16.18	115	1316
6GA20CBILFA	6"	6.00	15.88	10.62	12.50	1.44	0.88	12	22.00	205	3176
6GA20EBILFA	8"	8.00	16.50	13.00	15.00	1.62	1.00	14	25.59	278	5692
6GA20GBILFA	10"	10.00	18.00	15.25	17.50	1.88	1.12	16	30.31	456	8972
6GA20HBILFA	12"	12.00	19.75	17.75	20.50	2.00	1.25	18	33.90	633	13352

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.