

620F

class 250, non-rising stem, gate valve



job name:	
job location:	
engineer:	
contractor:	
tag:	
po#:	
rep:	
wholesale dist.:	

description

The **Apollo International™ model 620F** flanged cast iron gate valve provides full flow capabilities. The model 620F gate valve can reliably be installed in most plumbing and heating systems (or building service piping).

features

- compatible with ANSI 250# & 300# flanges
- full port
- bronze mounted seat rings
- solid wedge
- adjustable PTFE stem packing
- non-rising stem
- flanged connection
- bolted bonnet
- rugged iron hand wheel
- back seat protection

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"
- CSA B51-CRN certified OC12102.8

performance rating

- cold working pressure: 500 psi (34.5 bar) at 100°F
- temperature range: -20°F to 180°F

standard material list

no.	component	material	no.	component	material
1	body	cast iron (ASTM A 126 CL B)	11	gland follower bolts	carbon steel (ASTM A307 B)
2	seat rings	cast bronze (ASTM B62)	12	stuffing box gaskets	graphite
3	wedge face rings	cast bronze (ASTM B62)	13	stuffing box	cast iron (ASTM A 126 CL B)
4	wedge	cast bronze (ASTM B62)	14	packing	graphite
5	wedge nut	cast bronze (ASTM B62)	15	gland follower	ductile iron (ASTM A536 65-45-12)
6	stem	brass (ASTM B16)	16	packing gland	cast bronze (ASTM B62)
7	body gasket	graphite	17	handwheel	cast iron (ASTM A 126 CL B)
8	bolts	carbon steel (ASTM A307 B)	18	nameplate	aluminum
9	nuts	carbon steel (ASTM A307 B)	19	washer	carbon steel (ASTM A307 B)
10	bonnet	cast iron (ASTM A 126 CL B)	20	handwheel nut	ductile iron (ASTM A536 65-45-12)

dimensions

part no.	size	weight	Cv(typ)	dimensions							
				a	b	c	d	e	f	g	h (open)
6GA208B1	2"	42 lbs	328	2.00"	8.50"	5.00"	6.50"	0.88"	0.75"	7"	11.28"
6GA20AB1	4"	115 lbs	1316	4.00"	12.00"	7.88"	10.00"	1.25"	0.88"	10"	16.18"
6GA20EB1	8"	278 lbs	5692	8.00"	16.50"	13.00"	15.00"	1.62"	1.00"	14"	25.59"

Cv = GPM @ 1 psi pressure drop, 60°F water
*Cv values are estimates only

A lead free version of this valve is available. Please refer to model 620F-LFA.

