

163S-LF Series

class 125, PTFE Disc, solder swing check
lead free



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

description

The lead free* **Apollo® model 163S-LF (61YLF Series)** swing check provides a reliable, long lasting, "made in the USA" alternative to globally sourced check valves for potable water service. These valves are cast, machined, assembled, and tested in South Carolina using proven ASTM quality materials. The Apollo® swing check may be installed in either horizontal or vertical orientation with upward flow.

features

- lead free* ANSI 3rd party certified
- dezincification resistant bronze construction
- renewable PTFE seat disc
- 100% factory tested per MSS SP-139
- solder connection
- made in the USA
- Buy American Act (BAA) and BABA Act compliant

performance rating

- cold working pressure:
200 psi (13.8 bar) at 100°F
- temperature range*: 20°F to 406°F

*valves should be in open position to allow complete drainage during freezing conditions.

approvals

- MSS SP-80 design & tested
- MSS SP-139, "copper alloy gate, globe, & check valves"
- NSF/ANSI/CAN 372 lead free
- ASME B16.18, "cast copper alloy solder joint pressure fittings"
- CSA B51 CRN OC14667.5

precautionary note:

not recommended for applications which may induce pulsation or repetitive vibration. See Installation Manual for details.

standard material list

no.	component	material
1	body	ASTM B584-C89836 bronze
2	cap	ASTM B584-C89836 bronze
3	hanger	304 stainless steel or ASTM B584-C89836 bronze
4	pin	304 stainless steel
5	seat	PTFE
6	plug	ASTM B16 brass

dimensions

part no.	size	weight	Cv(gpm)	dimensions	
				height	length
61YLF-103-T1	1/2"	.62 lbs	7.0	1.65"	2.53"
61YLF-104-T1	3/4"	.91 lbs	12.0	1.90"	3.36"
61YLF-105-T1	1"	1.7 lbs	28.6	2.26"	4.07"
61YLF-106-T1	1-1/4"	3.2 lbs	39.0	2.99"	5.28"
61YLF-107-T1	1-1/2"	2.7 lbs	56.0	2.99"	5.28"
61YLF-108-T1	2"	4.9 lbs	152.0	3.74"	6.50"

warning: do not use in reciprocating compressor service.

*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.