

161S-LF Series

Class 125, Bronze Disc, Solder Swing Check

LEAD FREE



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

DESCRIPTION

The lead free* Apollo® Model 161S-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

- Dezincification Resistant Bronze Construction
- Renewable Bronze Seat Disc
- 100% Factory Tested per MSS SP-139
- Solder Connection
- **Cast, Machined and Assembled in the USA**
- ARRA Compliant

PERFORMANCE RATING

- Cold Working Pressure:
200 psi (13.8 Bar) at 100°F
- Saturated Steam: 125 psi (8.6 Bar) at 353°F
- Temperature Range: -20°F to 406°F

APPROVALS

- MSS SP-80 Design & Tested
- MSS SP-139, "Copper Alloy Gate, Globe, & Check Valves"
- ASME B16.18, "Cast Copper Alloy Solder Joint Pressure Fittings"
- CSA B51 CRN OC14667.5
- NSF/ANSI 372 Lead Free, 3rd Party Certified

PRECAUTIONARY NOTE:

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

STANDARD MATERIALS LIST

BODY	ASTM B584-C89836 Bronze
CAP	ASTM B584-C89836 Bronze
HANGER	304 Stainless Steel or ASTM B584 C89836 Bronze
PIN	304 Stainless Steel
SEAT	C27451 Lead Free* Brass
PLUG	ASTM B16 Brass

DIMENSIONS

MODEL NUMBER	PART NUMBER	SIZE (IN.)	HEIGHT (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
161S12LF	61YLF-093-01	1/2"	1.65	2.53	.62	7.0
161S34LF	61YLF-094-01	3/4"	1.9	3.36	.91	12.0
161S1LF	61YLF-095-01	1"	2.26	4.07	1.7	28.6
161S14LF	61YLF-096-01	1-1/4"	2.99	5.28	3.2	39.0
161S12LF	61YLF-097-01	1-1/2"	2.99	5.28	2.7	56.0
161S2LF	61YLF-098-01	2"	3.74	6.50	4.9	152.0

Warning: Do not use in reciprocating compressor service.