



LEAD-FREE*

Model 163T-LF

CLASS 125 SWING CHECK

PTFE SEAT, NPT

(61YLF SERIES)

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

Description

The **Lead Free*** Apollo Model 163T-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 PTFE Seat Disc
- 100% Factory tested per MSS SP-139
- NPT Connections
- Cast, Machined and Assembled in the USA
- ARRA Compliant

Standards

MSS SP-139, "Copper Alloy Bronze Gate, Globe & Check Valves"

NSF/ANSI 61-8, Annex G

NSF 372 **Lead-Free*** – ANSI 3rd Party Certified

ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"

CSA B51 CRN 0C14667.5

Performance Rating

CWP: 200 psi (13.8 Bar) at 100°F

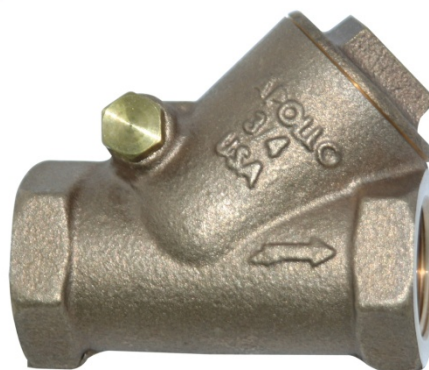
SWP: 125 psi (8.6 Bar) at 353°F

Temperature Range: -20°F to 406°F

* **LEAD FREE:** The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with CA AB1953, VT Act 193, MD HB372, LA HB471 and Federal Public Law 111-380.

Ordering Information

Size	Model	Item Number
<input type="checkbox"/> 1/4"	163T14LF	61YLF-201-T1
<input type="checkbox"/> 3/8"	163T38LF	61YLF-202-T1
<input type="checkbox"/> 1/2"	163T12LF	61YLF-203-T1
<input type="checkbox"/> 3/4"	163T34LF	61YLF-204-T1
<input type="checkbox"/> 1"	163T11LF	61YLF-205-T1
<input type="checkbox"/> 1-1/4"	163T114LF	61YLF-206-T1
<input type="checkbox"/> 1-1/2"	163T112LF	61YLF-207-T1
<input type="checkbox"/> 2"	163T2LF	61YLF-208-T1



Material Specifications

Part Name	Material
Body	ASTM B584-C89836 Bronze
Cap	ASTM B584-C89836 Bronze
Hanger	304 Stainless Steel or ASTM B584 C89836 Bronze
Pin	304 Stainless Steel
Jam Nut	304 Stainless Steel
Seat	PTFE
Plug	UNS C27451 Lead Free* Brass

Physical Specifications

Size	Height (in.)	Length (in.)	Weight (lbs)	Cv** (gpm)
1/4"	1.51	2.14	.64	2.6
3/8"	1.51	2.14	.62	4.5
1/2"	1.65	2.48	.73	7.0
3/4"	1.9	2.94	1.06	12.0
1"	2.26	3.57	1.7	28.6
1-1/4"	2.99	4.50	3.3	39.0
1-1/2"	2.99	4.50	3.1	56.0
2"	3.74	5.25	5.4	152.0

** Cv = flowrate at 1.0 psid



Warning: Do not use in reciprocating compressor service.

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