

163T-PR

200 cwp, bronze, swing check valve



Apollo[®] Press



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

description

The lead free* Apollo Press[®] model 163T-PRLF (Series 61YLF) Swing Check with press connectors is a proven combination that provides economical installation and reliable service. These valves are cast, machined, assembled, and tested in South Carolina using proven ASTM quality materials.

features

- fast, reliable, economical press installation
- Ridgid[®] XL Press Tool Compatible
- Leak Before Press[®] Technology
- quick press end connection
- renewable PTFE seat disc
- dezincification resistant
- made in USA, ARRA compliant

approvals

- MSS SP-80 design and testing
- CRN OC14667.5

performance rating

- Maximum pressure: 200 psi (13.8 bar) non-shock
- temperature range: 0°F - 250°F (-18°C - 121°C)

Apollo Press[®] connectors are designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition. Press connectors are not suitable for steam or flammable gas service.

not intended for potable water

not recommended for applications which may induce pulsation or repetitive vibration. see installation manual for details.

standard materials list

body	ASTM B62 bronze
cap	ASTM B62 bronze
connector housing	ASTM B16 brass
connector o-ring	FDA grade EPDM
hanger	304 stainless steel or ASTM B62 bronze
pin	Stainless Steel
seat	PTFE
plug	ASTM B16 Brass

dimensions

model no.	part no.	size (in.)	height (in.)	length (in.)	cv (gpm)	weight (lb.)
163T12-PR	61Y-203-T1PR	1/2"	1.65	4.3	7.0	.78
163T34-PR	61Y-204-T1PR	3/4"	1.9	5.1	12.0	1.8
163T1-PR	61Y-205-T1PR	1"	2.26	5.9	28.6	2.5
163T114-PR	61Y-206-T1PR	1-1/4"	2.99	7.0	39.0	4.4
163T112-PR	61Y-207-T1PR	1-1/2"	2.99	7.75	56.0	4.5
163T2-PR	61Y-208-T1PR	2"	3.74	8.9	152.0	7.0

For liquids the flow coefficient - Cv - expresses the flow capacity in gallons per minute (GPM) of 60°F water with a pressure drop of 1 psi (lb/in²).