

## 163T-PR

200 cwp, bronze, swing check valve



"Apollo" Press



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

**description**

The **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
- Leak Before Press® Technology
- quick press end connection
- renewable PTFE seat disc
- dezincification resistant bronze construction
- made in the USA
- Buy American Act (BAA) and BABA Act 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 material list**

no.	component	material
1	body	ASTM B62 bronze
2	cap	ASTM B62 bronze
3	connector housing	ASTM B16 brass
4	sealing element	EPDM
5	hanger	304 stainless steel or ASTM B62 bronze
6	pin	stainless steel
7	seat	PTFE
8	plug	ASTM B16 brass

**dimensions**

part no.	size	weight	Cv(gpm)	dimensions	
				height	length
61Y-203-T1PR	1/2"	7.0 lbs	.78	1.65"	4.30"
61Y-204-T1PR	3/4"	12.0 lbs	1.8	1.90"	5.10"
61Y-205-T1PR	1"	28.6 lbs	2.5	2.26"	5.90"
61Y-206-T1PR	1-1/4"	39.0 lbs	4.4	2.99"	7.00"
61Y-207-T1PR	1-1/2"	56.0 lbs	4.5	2.99"	7.75"
61Y-208-T1PR	2"	152.0 lbs	7.0	3.74"	8.90"

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).