



"Apollo" Press



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

description

The Apollo Press® 59 series strainers with press connections are designed to protect domestic water systems and process equipment from unwanted foreign particles with minimal pressure loss. The valves are built for long reliable service with proven ASTM grade materials and stainless steel strainer. Features Leak Before Press® technology and 300 psig maximum working pressure.

features

- fast, reliable, economical press installation
- Leak Before Press® Technology
- self-aligning screen design
- blow-off ball valve option
- made in USA, ARRA compliant

performance rating*

- maximum pressure: 300 psig (20.7 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.

approvals

- CRN OE8959.5C

not intended for potable water

options

- (01) - 50 mesh (standard 1/2" models)
- (01) - 20 mesh (standard 3/4" - 2" models)
- (02) - tapped cap
- (P2) - tapped cap with plug
- (06) - tapped cap with ball valve
- (E1) - 20 mesh (for 1/2 " model)
- (A1) - 40 mesh
- (B1)- 60 mesh
- (C1)- 80 mesh
- (H1)- 100 mesh
- (59-PR-LF) lead free Apollo Press®

standard materials list

body	cast bronze, ASTM B584
cap	brass, ASTM B16
connector housing	ASTM B16 brass
connector o-ring	NSF grade EPDM
sealing element	NSF grade EPDM
screen	302 stainless steel
cap seal (1/2")	Teflon® o-ring
cap seal (3/4" - 2")	PTFE gasket

dimensions

part number	size (in.)	length	cap tapping (-02 suffix)	net screen area (in²)	cv	wt. (lb.)
59-003-01PR	1/2"	4.75"	1/4 NPT	3.2	5	1.0
59-004-01PR	3/4"	6.1"	1/2 NPT	6.7	15	2.0
59-005-01PR	1"	7.25"	3/4 NPT	10.8	28	3.0
59-006-01PR	1-1/4"	7.62"	3/4 NPT	13.5	55	3.8
59-007-01PR	1-1/2"	8.25"	1 NPT	19.0	70	5.7
59-008-01PR	2"	10.39"	1-1/4 NPT	27.6	99	7.7

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).