

WATER HAMMER ARRESTERS

650 SERIES

HydraRester™

SPECIFICATION

Sioux Chief 650 Series piston-type water hammer arresters shall be required in piping systems. Water hammer arresters shall have sufficient volume of air to dissipate the calculated kinetic energy generated in the piping system. Arresters shall be effective when installed at any angle. Arresters shall be approved for installation with no access panel required. Water hammer arresters shall be ANSI/ASSE 1010 2004 certified. Arresters shall be sized and placed per manufacturer's instructions.

INSTALLATION

May be installed at any angle. No access panels required. Compatible with Press Fittings or Push Fittings. Refer to instructions on product package, catalog or website.

MATERIALS

- Arrester body:** type L copper tube
- Piston:** poly piston with two EPDM o-rings
- Male thread fitting:** copper MIP thread
- Piston lubrication:** Dow-Corning, 111 FDA approved silicone compound
- PEX F1960 fitting:** No Lead EcoBrass 69300

CERTIFICATIONS/APPROVALS

Certified by ASSE to the ANSI/ASSE 1010-2004 standard

WORKING LIMITS*

- Max working temperature:** 250°
- Max working pressure:** 350 PSIG
- Burst tested:** to 2,900 PSIG

*PEX and CPVC connection specifications are limited to those called out in their respective ASTM Standards for Fittings (CPVC D2846, PEX F1807, PEX 1960).

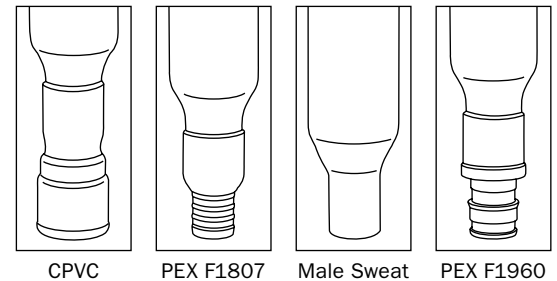
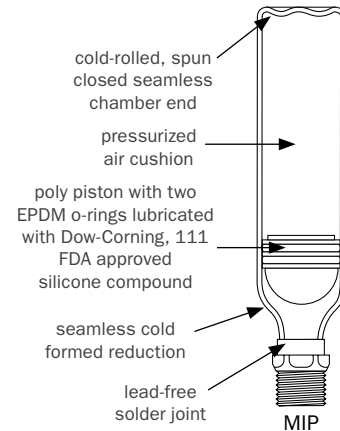
DIMENSIONS

Arrester size	A	B	C	D	E	F
Overall height						
Male thread	6½"	8¾"	11"	10⅞"	12⅝"	15⅞"
Male sweat	8¼"	10"	12½"	11"	13½"	16"
CPVC	7½"	9½"	12"	—	—	—
PEX F1807	6½"	8¾"	11"	—	—	—
PEX F1960	6½"	8¾"	11"	—	—	—
Chamber width	1⅜"	1⅜"	1⅜"	2⅛"	2⅛"	2⅛"
Connection size	½"	¾"	1"	1"	1"	1"
Volume (cu. in.)	5	7	11	20	29	36
Fixture units	1-11	12-32	33-60	61-113	114-154	155-330

ITEM # SUBMITTED	_____
JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
PO#	_____ TAG _____



652-A



Choose Item Number

- | | | | |
|----------------------------|---------------------------------|-----------------------------------|-------------------------------------|
| 652-A = A size, MIP | 652-AS = Sweat/Press-Fit | 652-AX = A size, PEX 1807 | 652-AC = A size, CPVC socket |
| 653-B = B size, MIP | 653-BS = Sweat/Press-Fit | 653-BX = B size, PEX 1807 | 653-BC = B size, CPVC socket |
| 654-C = C size, MIP | 654-CS = Sweat/Press-Fit | 654-CX = C size, PEX 1807 | 654-CC = C size, CPVC socket |
| 655-D = D size, MIP | 655-DS = Sweat/Press-Fit | 652-AWG = A size, PEX 1960 | |
| 656-E = E size, MIP | 656-ES = Sweat/Press-Fit | 653-BWG = B size, PEX 1960 | |
| 657-F = F size, MIP | 657-FS = Sweat/Press-Fit | 654-CWG = C size, PEX 1960 | |