

WATER HAMMER ARRESTERS

» 650 SERIES

HydraRester™

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

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.

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

WORKING LIMITS*

- Max working temperature:** 250°F
- 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).

INSTALLATION

- Angle:** May be installed at any angle
- Access panels:** No access panels required
- Sweat connection:** Compatible with Press Fittings or Push Fittings

SIZING & PLACEMENT

Refer to instructions on product package, catalog or website.

CERTIFICATIONS/APPROVALS

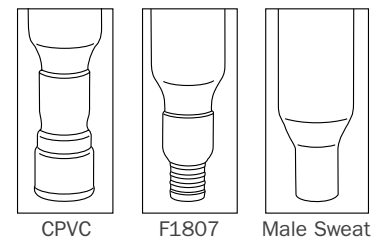
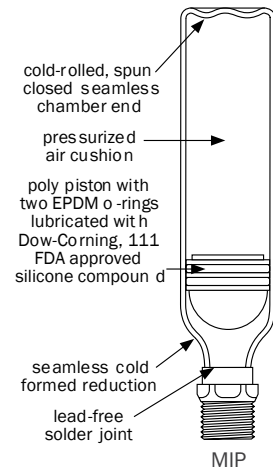
Certified by ASSE to the ANSI/ASSE 1010 standard

DIMENSIONS

Arrester size	A	B	C	D	E	F
Overall height						
male thread	6½"	8¾"	11"	10¼"	12⅝"	15½"
male sweat	8¼"	10"	12½"	11"	13½"	16"
CPVC	7½"	9½"	12"	—	—	—
PEX crimp	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



652-A



Choose Item Number

652-A = A size, MIP	652-AS = A size, sweat	652-AC = A size, CPVC socket	652-AX = A size, PEX crimp
653-B = B size, MIP	653-BS = B size, sweat	653-BC = B size, CPVC socket	653-BX = B size, PEX crimp
654-C = C size, MIP	654-CS = C size, sweat	654-CC = C size, CPVC socket	654-CX = C size, PEX crimp
655-D = D size, MIP	655-DS = D size, sweat		
656-E = E size, MIP	656-ES = E size, sweat		
657-F = F size, MIP	657-FS = F size, sweat		