WATER HAMMER ARRESTERS

650 & 660 series Hydra-Rester™ & Mini-Rester™

Item # Submitted _____

Job Name _____

Location _____

Engineer _____

Contractor _____

PO# _____ TAG _____

SPECIFICATION

Sioux Chief 650/660 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: no-lead brass MIP thread (see tables)
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

SIZING & PLACEMENT

Refer to instructions on product package or in catalog.

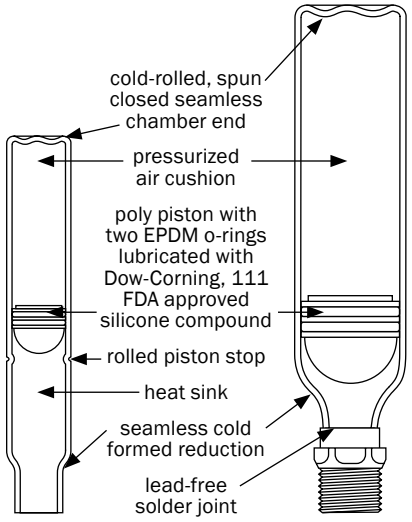
CERTIFICATIONS/APPROVALS

650 series: Certified by ASSE to the ANSI/ASSE 1010 standard
660 series: Certified by ASSE to the ANSI/ASSE 1010 standard

DIMENSIONS

Arrester size	*AA*	*A*	*B*	*C*	*D*	*E*	*F*
Overall height							
male sweat	3⅜"	6½"	10"	12½"	11"	13½"	16"
male thread	3⅜"	8¼"	8¾"	11"	10⅛"	12⅝"	15⅛"
CPVC	4¼"	7½"	9½"	12"	—	—	—
PEX crimp	4¼"	6½"	8¾"	11"	—	—	—
Chamber width	⅞"	1⅜"	1⅜"	1⅜"	2⅛"	2⅛"	2⅛"
Connection size	½"	½"	¾"	1"	1"	1"	1"
Volume (cu. in.)	1.4	5	7	11	20	29	36
Fixture units	1–4	4–11	12–32	33–60	61–113	114–154	155–330

660-G2B 652-A



NO LEAD COMPLIES WITH CALIFORNIA LEAD PLUMBING LAW ASSE 1010

NO-LEAD PRODUCT

☐ 660-G2B	AA size, MIP	☐ 653-BS	B size, sweat	☐ 655-GD	D size, MIP		
☐ 660-SB	AA size, sweat	☐ 653-BC	B size, CPVC socket	☐ 656-ES	E size, sweat		
☐ 660-V82B	AA size, male CPVC	☐ 653-BX	B size, PEX crimp	☐ 656-GE	E size, MIP		
☐ 660-V2B	AA size, CPVC socket	☐ 653-GB	B size, MIP	☐ 657-FS	F size, sweat		
☐ 660-X2B	AA size, PEX crimp	☐ 654-CS	C size, sweat	☐ 657-GF	F size, MIP		
☐ 652-AS	A size, sweat	☐ 654-CC	C size, CPVC socket				
☐ 652-AC	A size, CPVC socket	☐ 654-CX	C size, PEX crimp				
☐ 652-AX	A size, PEX crimp	☐ 654-GC	C size, MIP				
☐ 652-GA	A size, MIP	☐ 655-DS	D size, sweat				

STANDARD

☐ 652-A	A size, MIP
☐ 653-B	B size, MIP
☐ 654-C	C size, MIP
☐ 655-D	D size, MIP
☐ 656-E	E size, MIP
☐ 657-F	F size, MIP