

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.

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

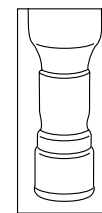
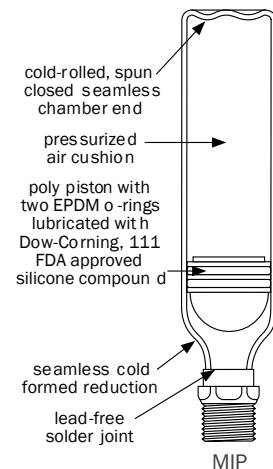
DIMENSIONS

Arrester size	A	B	C	D	E	F
Overall height						
male thread	6½"	8¾"	11"	10⅞"	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

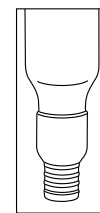
ITEM # SUBMITTED	_____
JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
PO#	_____ TAG _____



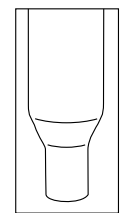
652-A



CPVC



F1807



Male Sweat



Choose Item Number

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

652-AS = A size, sweat

653-BS = B size, sweat

654-CS = C size, sweat

655-DS = D size, sweat

656-ES = E size, sweat

657-FS = F size, sweat

652-AC = A size, CPVC socket

653-BC = B size, CPVC socket

654-CC = C size, CPVC socket

652-AX = A size, PEX crimp

653-BX = B size, PEX crimp

654-CX = C size, PEX crimp