WATER HAMMER ARRESTERS

>> 650 SERIES

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.

HydraRester[™]

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	Α	В	С	D	Е	F
Overall height						
Male thread	61⁄2"	83/4"	11"	101/8"	125/8	151/8"
Male sweat	81/4"	10"	121⁄2"	11"	131/2"	16"
CPVC	71⁄2"	91⁄2"	12"	—		
PEX F1807	61⁄2"	83/4"	11"	—		
PEX F1960	61⁄2"	83/4"	11"	—		
Chamber width	1¾"	13/8"	13⁄8"	21/8"	21/8"	21/8"
Connection size	1/2"	3⁄4"	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

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 = Sweat/Press-Fit 653-BS = Sweat/Press-Fit 654-CS = Sweat/Press-Fit 655-DS = Sweat/Press-Fit 656-ES = Sweat/Press-Fit 657-FS = Sweat/Press-Fit **652-AX** = A size, PEX 1807 **653-BX** = B size, PEX 1807 **654-CX** = C size, PEX 1807 **652-AWG** = A size, PEX 1960 **653-BWG** = B size, PEX 1960 **654-CWG** = C size, PEX 1960

ITEM # SUBMITTED______ JOB NAME______ LOCATION ______ ENGINEER______ CONTRACTOR______ PO#_____ TAG _____









652-AC = A size, CPVC socket 653-BC = B size, CPVC socket 654-CC = C size, CPVC socket



