

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).

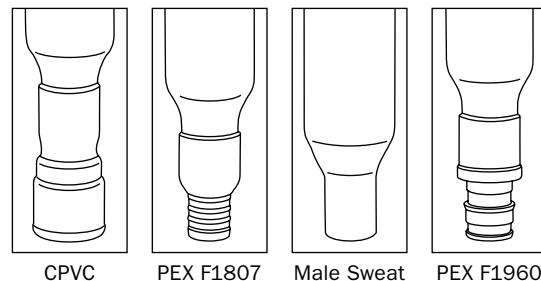
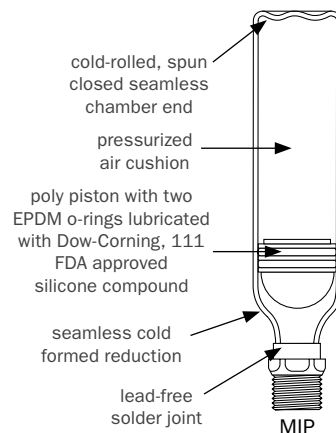
DIMENSIONS

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
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

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