

# WATER HAMMER ARRESTERS

## 650 SERIES

MegaRester™

### SPECIFICATION

Sioux Chief 658 Series piston-type water hammer arresters shall be installed where 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 have a permanently sealed tube body with factory air charge, and shall be available with male thread or flanged connection. Arresters shall be sized and placed per manufacturer's instructions.

### MATERIALS

#### Arrester body

**Copper/brass:** 4-1/8" O.D. type L copper tube

**Stainless steel:** 4-1/4" O.D. 316 stainless steel tube

#### Male thread fitting

**Copper/brass:** wrought copper fitting (ANSI B1.20.1)

**Stainless steel:** 316 stainless steel fitting (ANSI B1.20.1), welded flange

#### Flange

**Copper/brass:** cast brass flange (ANSI B16.24), lead free solder joint

**Stainless steel:** 316 stainless steel flange (ANSI B16.24), welded

**Piston:** acetal piston, dual EPDM o-rings lubricated with Dow 111, FDA-approved silicone compound.

**Gauge:** 600 lb. liquid-filled

### WORKING LIMITS

**Max working temperature:** 250°F

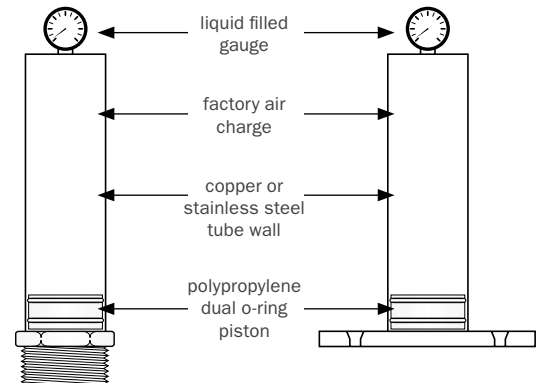
**Max working pressure:** 350 PSIG

**Burst tested:** to 2,900 PSIG

### DIMENSIONS

	Height (with gauge)	Volume (in <sup>3</sup> )
658-1503	23.25"	150.0
658-2002	29.25"	200.0
658-2004	24.50"	200.0
658-4004	42.50"	400.0
658-4004F2	41.75"	400.0
658S2002	24.25"	200.0
658S2004F2	24.00"	200.0
658S4004F2	40.00"	400.0

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



### Choose Item Number

**658-1503** = copper, 3" MIP, 150 in<sup>3</sup>

**658-2002** = copper, 2" MIP, 200 in<sup>3</sup>

**658-2004** = copper, 4" MIP, 200 in<sup>3</sup>

**658-4004** = copper, 4" MIP, 400 in<sup>3</sup>

**658-4004F2** = copper, 4" flange, 400 in<sup>3</sup>

**658S2002** = stainless steel, 2" MIP, 200 in<sup>3</sup>

**658S2004F2** = stainless steel, 4" flange, 200 in<sup>3</sup>

**658S4004F2** = stainless steel, 4" flange, 400 in<sup>3</sup>