

# WATER HAMMER ARRESTERS

658 series

Mega-Rester™

Item # Submitted	_____
Job Name	_____
Location	_____
Engineer	_____
Contractor	_____
PO#	_____ TAG _____

## 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

*arrestor body*

*copper/brass:* 4 $\frac{1}{8}$ " O.D. type L copper tube

*stainless steel:* 4 $\frac{1}{4}$ " O.D. 316 stainless steel tube

*male thread fitting*

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

lead-free solder joint

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

*flange*

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

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

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

*gauge:* 600 lb. liquid-filled

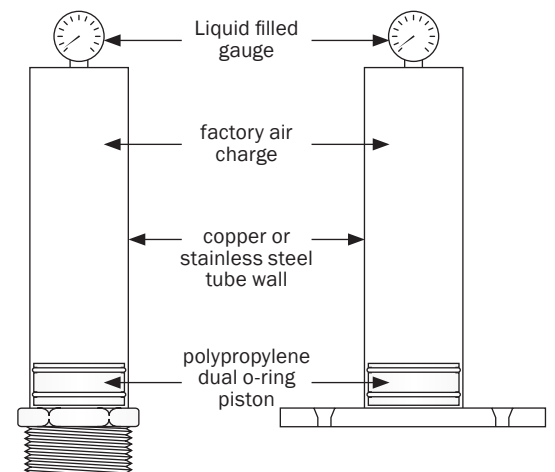
## WORKING LIMITS

*max working temperature:* 250°F

*max working pressure:* 350 PSIG

## DIMENSIONS

	Height
658-1503	23.25"
658-2002	29.25"
658-2004	24.5"
658-4004	40.5"
658-4004F2	39.75"
658S2002	24.25"
658S2004F2	22.87"
658S4004F2	38.87"



- |                                     |  |                                     |   |
|-------------------------------------|--|-------------------------------------|---|
| <input type="checkbox"/> 658-1503   | copper, 3" MIP, 150 in <sup>3</sup>    | <input type="checkbox"/> 658S2002   | stainless steel, 2" MIP, 200 in <sup>3</sup>    |
| <input type="checkbox"/> 658-2002   | copper, 2" MIP, 200 in <sup>3</sup>    | <input type="checkbox"/> 658S2004F2 | stainless steel, 4" flange, 200 in <sup>3</sup> |
| <input type="checkbox"/> 658-2004   | copper, 4" MIP, 200 in <sup>3</sup>    | <input type="checkbox"/> 658S4004F2 | stainless steel, 4" flange, 400 in <sup>3</sup> |
| <input type="checkbox"/> 658-4004   | copper, 4" MIP, 400 in <sup>3</sup>    |                                     |   |
| <input type="checkbox"/> 658-4004F2 | copper, 4" flange, 400 in <sup>3</sup> |                                     |   |