

HydraRester

Boxed 15mm – 50mm

Scope of Use / Specification Sheet

The Sioux Chief HydraRester is available in all sizes to ensure the correct capacity may be selected for any application.



WHX03

WHX08

Product List

Order Code	Size	Model
WHX02	A	15mm HydraRester
WHX03	B	20mm HydraRester
WHX08	C	25mm HydraRester
WHX09	D	32mm HydraRester
WHX10	E	40mm HydraRester
WHX11	F	50mm HydraRester

Application

The HydraRester is ideal for installation in all domestic, commercial or industrial plumbing systems.

Materials

Body	Type L Copper
Piston	HHPP
O-Rings	EPDM
End Fittings	DR Lead Free Brass
Thread	BSP

Features and Benefits

- Simple to install
- Maintenance free
- Cost effective
- Seamless shock absorbing chamber
- Multiple choice of sizes

Description

When a shuttering fixture closes, a pressure wave begins to move back along the pipe. As it reaches the arrester the force acts against the arrester piston, which, in turn, pushes against a charge of air. The air is then compressed, dissipating the wave energy and nullifying the hammering effects. Water Hammer Arresters do not compensate for loosely fitted pipe work.

The HydraRester is formed from Type L copper tube and is cold rolled and spun closed seamless. The piston carries two EPDM seals and is lubricated with approved 111 Silicone Compound. System surge pressure can be kept below 1000kPa while the arrester can operate at a safe working pressure to 2300kPa. The device is easily installed via the versatile BSP male thread and can be fitted in any position 90° to the pipe work.

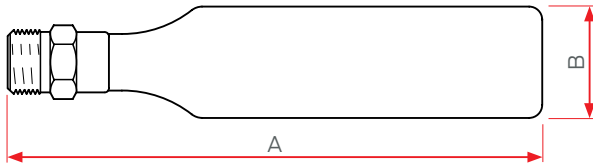
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Dimensions

Product Code	Length (A)	Diameter (B)	Thread Size	Weight
WHX02	173	35	R $\frac{1}{2}$ " (1/2" BPST)	280g
WHX03	218	35	R $\frac{3}{4}$ " (3/4" BPST)	370g
WHX08	284	35	R1 (1" BPST)	470g
WHX09	269	54	R1 (1" BPST)	866g
WHX10	324	54	R1 (1" BPST)	1020g
WHX11	324	54	R1 (1" BPST)	1200g

Note: All measurements in mm unless otherwise stated.



Scope of Use

Materials in contact with water	Copper, EPDM, PP, DR Lead Free Brass
Maximum operating temperature	90°C
Maximum allowable operating pressure	1500kPa

Standards and Approvals



Lead Free

AS 5200.007
WM-020003

Warranty

Reliance Worldwide Corporation (Aust.) Pty. Ltd. (RWC) will either replace or repair any defective goods where the defect arose as a result of manufacture within the warranty period. You may contact RWC at the phone number, address or e-mail shown below for further information or to make a claim.

Visit www.rmc.com.au/warranty to view the warranty statement in full and for further important information.

Connection

The HydraRester can be easily installed at 90° to the pipe work by utilising the appropriate RWC BSP 'T' fitting. Where there is one known offending fixture the arrester should be located upstream within one metre of this fixture. In a multi-fixture branch line up to six metres, the HydraRester should be placed at the end of the branch between the last two fixtures served.

Inspect for leaks after installing and before concealing.

Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500. This product is compliant to the Lead Free requirements of the National Construction Code Volume Three. For further Scope of Use, please visit www.rmc.com.au/resources.