

# Hydra-Rester

## Boxed 15mm – 50mm

### Scope of Use / Specification Sheet

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



#### Product Code

Model	Size	Product Code
15mm Hydra-Rester	A	7001
20mm Hydra-Rester	B	7002
25mm Hydra-Rester	C	7003
32mm Hydra-Rester	D	7004
40mm Hydra-Rester	E	7005
50mm Hydra-Rester	F	7006

#### Application

The Hydra-Rester 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 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 arrestor the force acts against the arrestor 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 Arrestors do not compensate for loosely fitted pipe work.

The Hydra-Rester 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 arrestor 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.

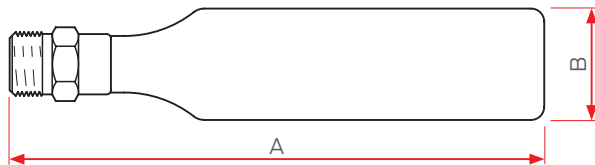
## Hydra-Rester

### Boxed 15mm – 50mm

#### Dimensions

Product Code	Length (A)	Diameter (B)	Thread Size	Weight
7001	173	35	R $\frac{1}{2}$ (1/2" BPST)	280g
7002	218	35	R $\frac{3}{4}$ (3/4" BPST)	370g
7003	284	35	R1 (1" BPST)	470g
7004	269	54	R1 (1" BPST)	866g
7005	324	54	R1 (1" BPST)	1020g
7006	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 Brass
Maximum operating temperature	90°C
Maximum allowable operating pressure	1500kPa

#### Standards and Approvals



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](http://www.rmc.com.au/warranty) to view the warranty statement in full and for further important information.

#### Connection

The Hydra-Rester 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 arrestor should be located upstream within one metre of this fixture. In a multi-fixture branch line up to six metres, the Hydra-Rester 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 3500.1.