

Water Hammer Arrestors



Maintenance free, mechanical, water hammer arrestors are designed to eliminate vibrations caused by fast closing valves, such as quick action taps and solenoid valves within pipework systems. (e.g. dishwashers and washing machines).

For use in new or existing commercial and domestic installations including hotels, restaurants and laundries.

Versions are available to suit pipework from 12mm to 100mm diameter.

Operating Pressure and Temperature

Designed to operate on all domestic and commercial line pressures.

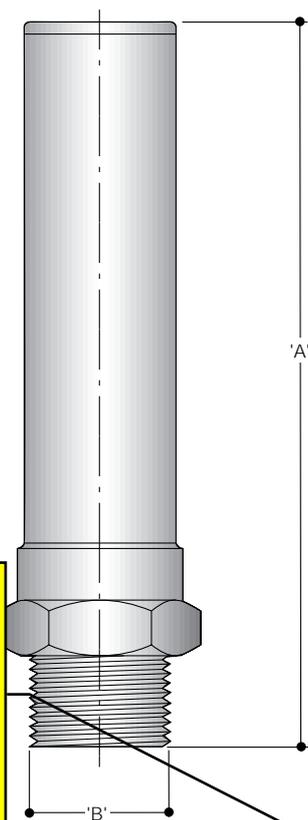
Normal operating pressure 35 to 250 psi

Spike pressure 1500 psi

Temperature range -43°C to 200°C

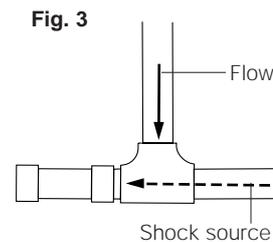
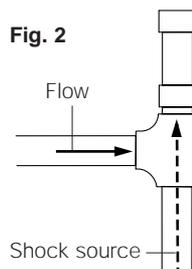
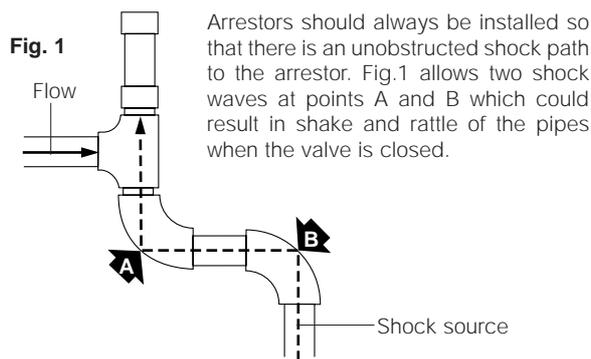
Maintenance

Maintenance free - the piston is the only moving part.



Note:
These items are now discontinued (WSC-500 only available whilst stocks last).

Installation Notes



Arrestors should always be placed as near to the source of shock as possible - one each on the hot and cold water lines. Fig. 2 and 3 illustrate proper positioning where the shock would be absorbed with 100% effectiveness.

Material

Barrel - Type "K" hard drawn copper
Cap - Standard wrought copper (attached to barrel with 95-5 solder)

Piston and threaded adaptor - Brass

Seals - Two "O" rings. Parker spec. E3609-70 (WRc approval No. 9701517)

Seal lubricant - Dow Corning Silicone compound No.111 (WRc approval No.9708501)

Spec. Code	'A'	'B' BSP	Air Preload (PSI)
WSC-500	127	1/2"	25
WSC-750	127	3/4"	25
WSC-1000	178	1"	30
WSC-1250	178	1 1/4"	30
WSC-1500	229	1 1/2"	30
WSC-2000	267	2"	30

Also available to special order in 2 1/2" BSP male, 3" & 4" BSP female sizes.

For sizing information, please contact our Technical Services Dept.



Tel: +44(0)1787 475151

Fax: +44(0)1787 475579

E-mail: tech@wadedrainage.co.uk

Web: www.wadedrainage.co.uk

