



## Water Hammer Arrestor Fig. VAWH1

### Specification

- ✓ Piston-Type Water Hammer Arrestor
- ✓ Maximum Working Pressure: 250 psi (17.2 bar)
- ✓ Factory Pre-Charged Air Pressure: 60 psi (4.1 bar)
- ✓ Working Medium: Water
- ✓ Working Temperature: 1°C to 82°C
- ✓ Connections: BSPT Threaded
- ✓ Sizes: 1/2", 3/4" & 1"
- ✓ Lead-Free Brass Connection
- ✓ Copper Tube Construction

### Material Specification

| Item | Part Name            | Material        | Specification |
|------|----------------------|-----------------|---------------|
| 1    | Connection           | Lead-Free Brass | C46500        |
| 2    | Piston               | POM             | POM + EP7118F |
| 3    | Copper Tube          | Copper          | T2            |
| 4    | Support Block / Seal | Aluminium + NBR | 1060 + NBR    |

### PRESSURE/ TEMPERATURE RATING

- ✓ Maximum Working Pressure: 17.2 bar (250 psi)
- Working Temperature: 1°C to 82°C

### FACTORY PRE-CHARGE

- ✓ Air Pre-Charge Pressure: 4.1 bar (60 psi)

### Features & Benefits

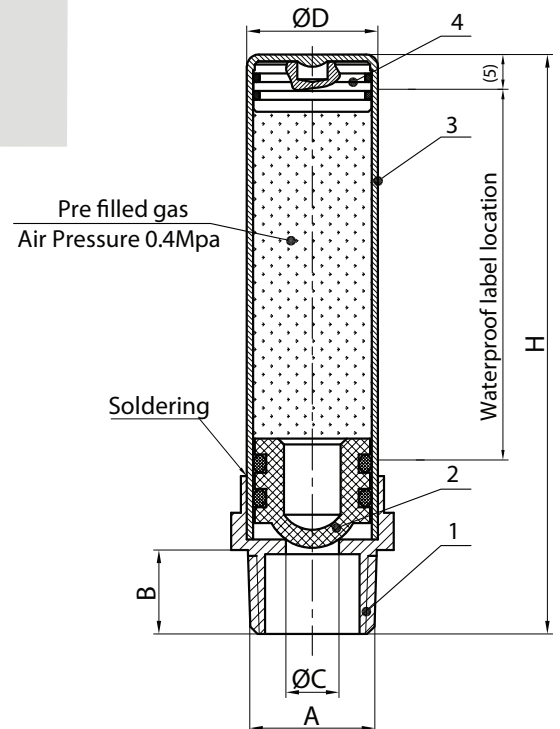
- ✓ Absorbs pressure surges caused by sudden changes in water flow
- ✓ Helps protect piping, valves and connected equipment from water hammer
- ✓ Piston-type design for reliable performance
- ✓ Factory pre-charged for ready installation
- ✓ Corrosion-resistant copper and lead-free brass construction
- ✓ Helps reduce vibration and noise in piping systems
- ✓ Compact design for installation close to quick-closing valves and fixtures

### APPLICATION

Suitable for potable water and plumbing systems to absorb pressure surges caused by rapid valve closure, helping protect piping, valves, fixtures and connected equipment from water hammer, vibration and noise

### Main Dimensions (mm)

| Size | DN15 | DN20  | DN25  |
|------|------|-------|-------|
| A    | BSPT | BSPT  | BSPT  |
| B    | 14.2 | 18    | 20.5  |
| C    | 8.9  | 8.9   | 8.9   |
| D    | 22.2 | 22.2  | 22.2  |
| H    | 98.1 | 103.9 | 103.4 |
| S    | 24.3 | 26.9  | 34    |



### Notes

Specifications, materials and dimensions shown are subject to change without prior notice

