

Claims

1. A plumbing valve for a pressurised conduit comprising:
- 5 a body portion having:
- an inlet at a first end; and
- an outlet at a second end;
- the inlet and outlet in fluid communication with one another via a channel
- through the body portion
- and
- 10 an insert comprising:
- a blocking member connected to one end of a single shaft; and
- an actuation head member having at least one aperture therein and connected
- to the other end of the shaft;
- wherein the shaft passes through the channel of the body portion,
- 15 and wherein when the valve is in a first position, the blocking member is adjacent the inlet
- end of the channel, thereby blocking the channel and preventing fluid flow therethrough;
- wherein when the valve is in a second position, the blocking member is spaced back from the
- inlet end of the channel, thereby allowing fluid flow therethrough, and to flow between the
- external surface of the shaft and the wall of the channel;
- 20 wherein, the insert moves from the first position to the second position upon a force being
- provided upon the actuation head member to cause axial displacement of the blocking
- member towards the inlet;
- wherein, when in the second position and not installed in a pressurised conduit, no force acts
- upon the blocking member and the insert remains in situ; and
- 25 wherein the insert moves from the second position to the first position upon a force being
- provided upon the inlet side of the blocking member.
2. A plumbing valve according to claim 1, wherein the blocking member is releasably connected
- to the actuation head member.
- 30 3. A plumbing valve according to any preceding claim, wherein the blocking member and/or the
- channel adjacent the blocking member is chamfered.
4. A plumbing arrangement incorporating a valve according to any preceding claim, wherein the
- 35 arrangement comprises:
- a first fitting in which the inlet end of the valve is positioned; and
- a second fitting in which the outlet end of the valve is positioned,

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and wherein the first fitting and the second fitting are releasably connectable to one another and, in the connected position, the second fitting urges the insert into the second position and prevents movement of the insert to the first position and wherein the first fitting is a pressurised water conduit.

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5. A plumbing arrangement according to claim 4, wherein the first fitting and the second fitting are connectable to one another by way of respective threaded sections.

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6. A plumbing arrangement according to claim 5, wherein when the threaded sections are at least partially disengaged, the insert moves from the second position to the first position under pressure from the water within the water conduit.

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7. A plumbing arrangement according to claim 6, wherein the insert moves from the second position to the first position prior to complete disengagement of the threaded sections.

8. A plumbing arrangement according to claim 7, wherein the pressure of water within the conduit moves insert into the first position.

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