The valve is designed to supply both hot and cold water at equal pressure, regardless of any pressure variation in the incoming supply. The valve equalises the pressure by automatically adjusting the higher hot or cold pressure to the level of the lower pressure. The pressure range of the hot/cold supply must be between a minimum of 0.2 bar to a maximum of 10 bar.

**Applications**
- Shower mixers
- Bath/shower mixers
- Single lever mixers
- Bidet mixers
- Extra fine control of Thermostatic mixers
- All processes needing constant water temperature

The valve will equalise pressure on:
- Multi point/Combi or fully modulating gas boilers
- Gravity pressure hot water cylinders or any hot water system which provides constant temperature output

**Installation**
- The valve can be installed vertically or horizontally and any distance before the mixer provided it supplies only ONE mixer.
- The valve must be positioned where it is accessible should cleaning or maintenance be necessary.
- The water heating system must be able to deliver hot water at a constant temperature, regardless of demand from the system.
- The valve must be used in conjunction with shower mixers which are designed to operate on equal pressures.
- See installation drawing for details (hot or cold either side).
- The fitting of a separate line strainer is recommended.
- Take note to install with flow direction as marked on the valve.

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