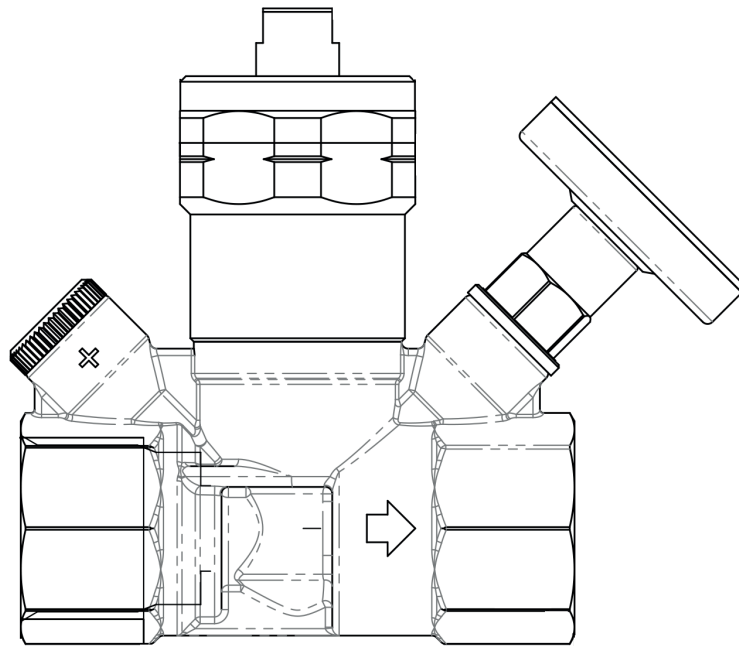


Installation & Operating Manual



CORE 32 Thermostatic Balancing Valve with Anti Legionella Device



Pressure Rating
Operating Temperature
Temperature Regulating Range
Anti-Legionella Disinfectant Temperature
Threads

25 Bar
-10°C – 90°C
40°C – 60°C
70°C
ISO 7/1 Rp

Operation

The CORE 32 balancing valves are suitable for use on domestic hot water systems allowing automatic balancing in recirculation circuits.

Installation

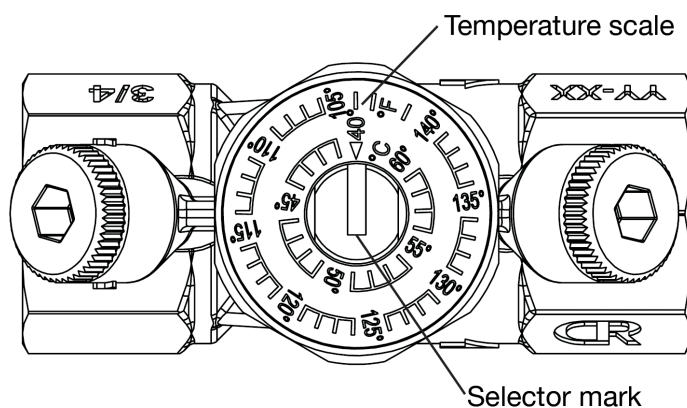
The following points should be taken into consideration, along with good industry practices when installing the CORE 32.

- The installation must be free of dirt, debris and foreign bodies.
- The valves must be installed with the valve flow direction arrow corresponding with the media flow.
- Valves can be installed in any orientation if the media is deemed clean.
- Valves should be installed upside down if the media contains any particles.
- All valves must be free of mechanical stresses.
- Consideration should be given regarding thermal expansion.

The CORE 32 is not an anti-scald device and cannot be used to prevent the flow of media if the water reaches dangerously high temperatures.

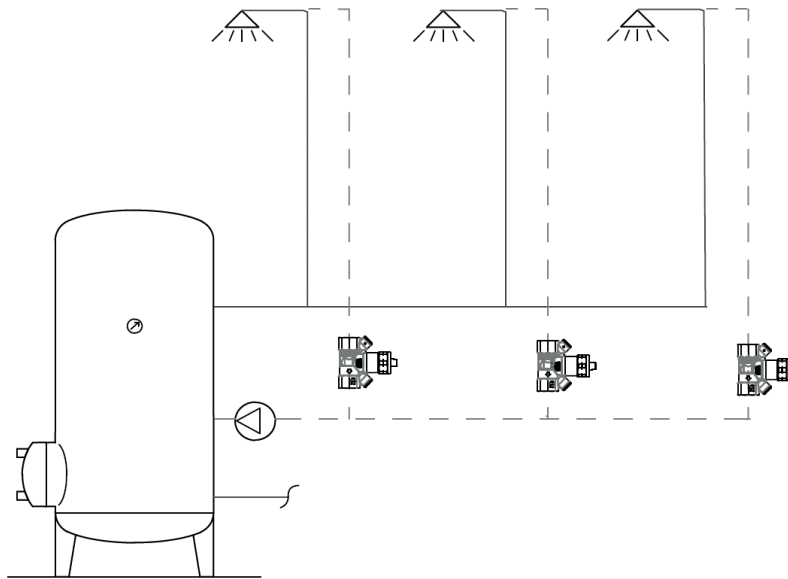
Temperature Regulation

To set the desired circulating temperature turn the adjustment mechanism until the desired system temperature lines up with the mark of the selector.



Typical Installations

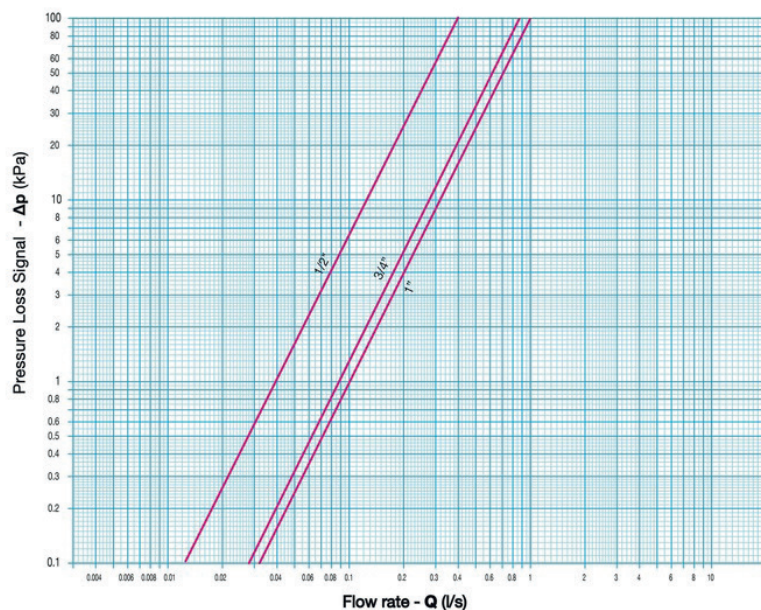
The CORE 32 is suitable in domestic hot water systems, allowing automatic balancing in recirculation circuits, they guarantee the desired temperatures at each point of the system and minimize heat losses.



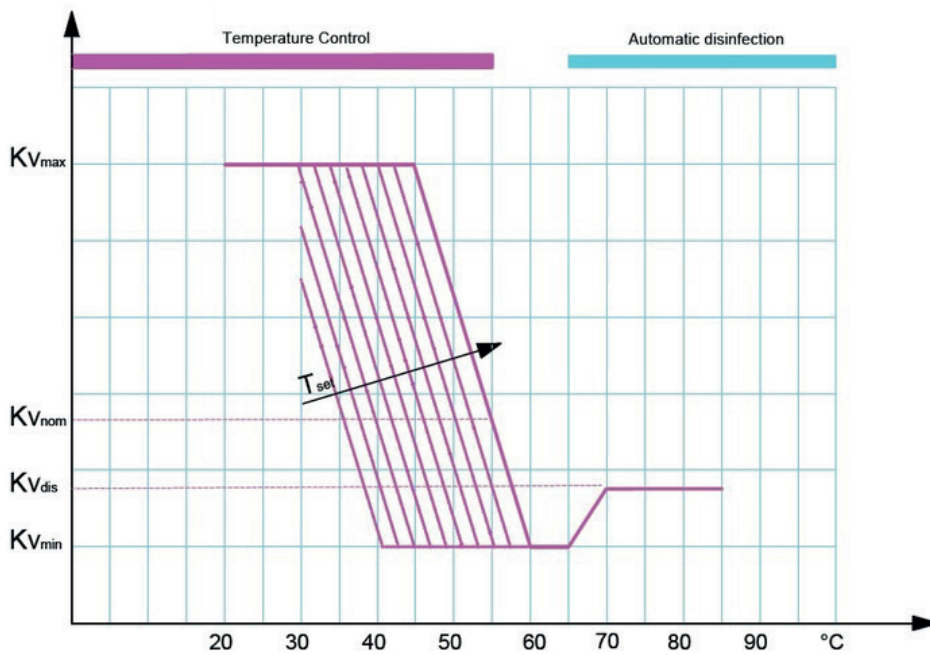
Maintenance

No specific maintenance is required for the CORE 32

Flow & Pressure Drop



Technical Characteristics



Kv Values

DN	15	20	25
Kv Max	1.5	3.1	3.6
Kv Min	0.25	0.25	0.25
Kv Nom	0.6	0.7	0.8
Kv Dis	0.5	0.5	0.5