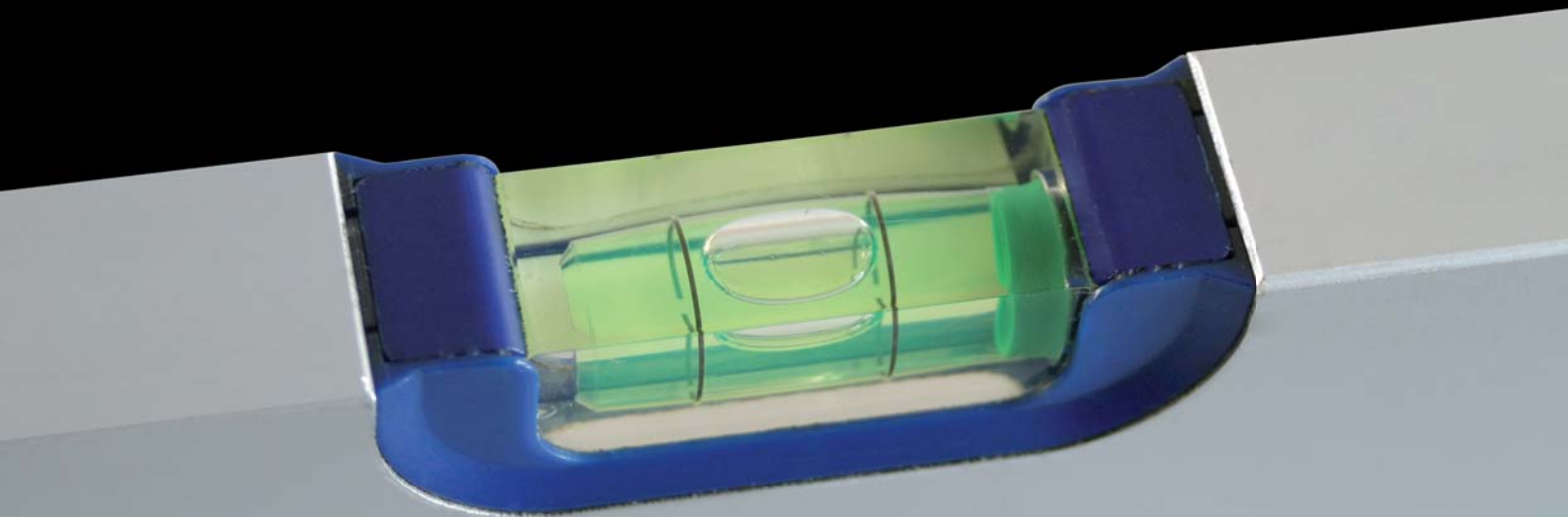
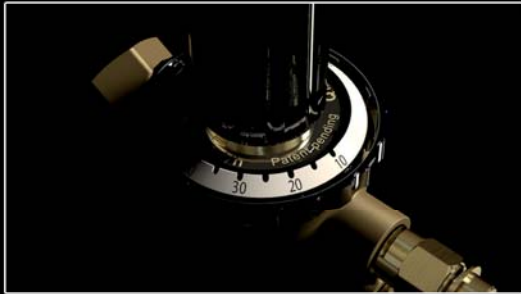


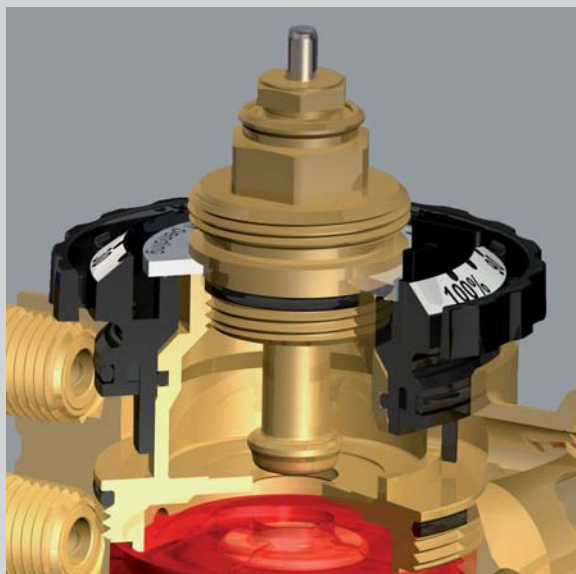
EVOPICV

Pressure Independent Control Valve



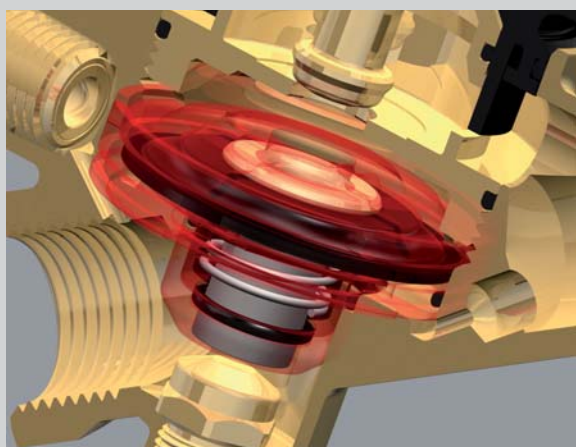
1 Pre-setting

The required flow rate is simply and easily adjusted with the graduate gear handle. Once installed further setting changes can be carried out without taking the actuator off.



2 Differential pressure controller

An integrated dynamic regulator maintains a constant differential pressure across the valve opening. The required flow is kept constant regardless of pressure changes in the system.



3 Full control authority

The actuator has the best control authority regardless of system conditions and thus reacts instantly to the signal from the BMS and adjusts the flow accordingly.



Ev o PIC V

Two valves in one:

1 - a control valve with full authority and equipercantage fluidic characteristic that can do an accurate modulating temperature control.

2 - a dynamic balancing valve that can limit the maximum flow and keep it constant within its working range. the EVOPICV can be used for an easy and quick hydronic balancing of systems with any kind of water based heat exchangers: FCU, chilled beams, under floor heating, radiators, etc.

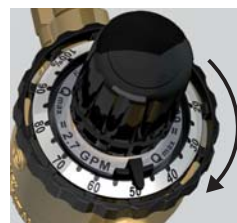
Since the control valve always works with full authority, there is no influence on temperature regulation at partial loads.



Manual flow pre-setting device



Lift up locking device



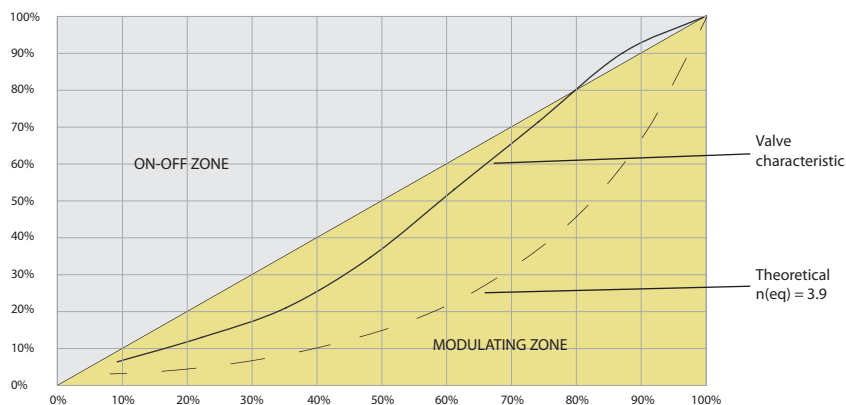
Select the flow rate by rotating the pre-setting ring



Push down locking device

Control valve characteristic

VDI/VDE 2173



Differential pressure regulator diagram

Flow rate [%]

