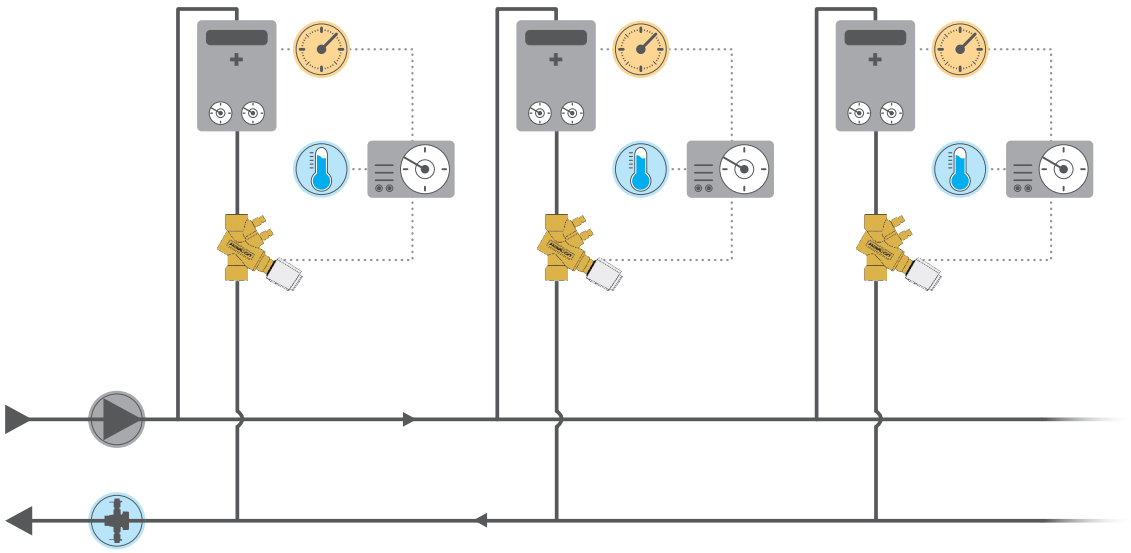
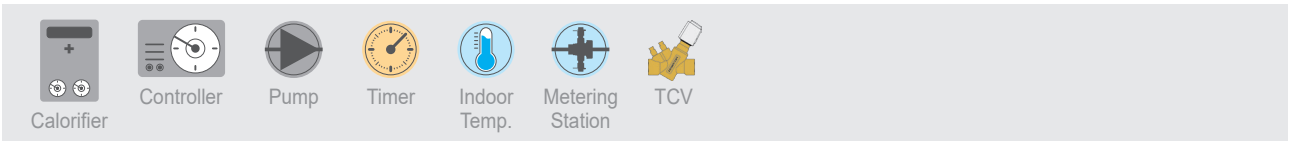
FlowCon international

A Griswold Controls LLC./FlowCon International Company

Calorifiers

with Temperature Control





System Functionality:
A calorifier is basically a heating fan with a built-in coil. In this simple construction, air is heated indirectly by blowing over the heating coil and heat is thermally transferred. The heated air will heat the room and can be adjusted in temperature, blow direction and air velocity. Without proper balance and control, flow rates will fluctuate as pressure fluctuates with the result of increased energy consumption. This can be prevented by installing a Temperature Control Valve (TCV) on every calorifier. TCVs will help secure no overflow and help reduce energy consumption.

Requirements:
The TCV will react to system pressure changes and regulated the flow of hot water to required flow by adjusting the actuator position. This helps the calorifier to be accurately controlled even at reduced loads.

Solutions:
The solution is to mount a TCV on every single unit and FlowCon offers:
- FlowCon EVS with balancing (pre-set stainless steel insert) and ON/OFF control.

Benefits:
- Assures correct flow for each unit automatically - also at partial loads - securing people comfort
- A serviceable solution due to insert-design
- Energy efficiency with regulation starting at only 10 kPaD
- Cost savings due to reduced commissioning time
- Tamper-proof
- A proven technology - long life expectancy.

FlowCon TCV

EVS

10.2020