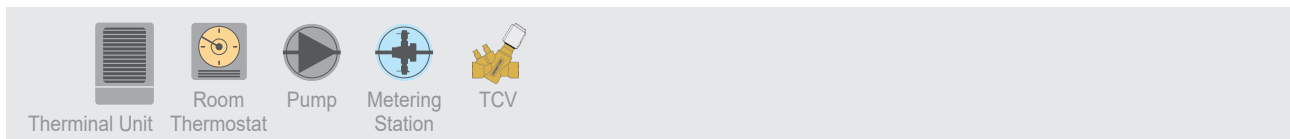
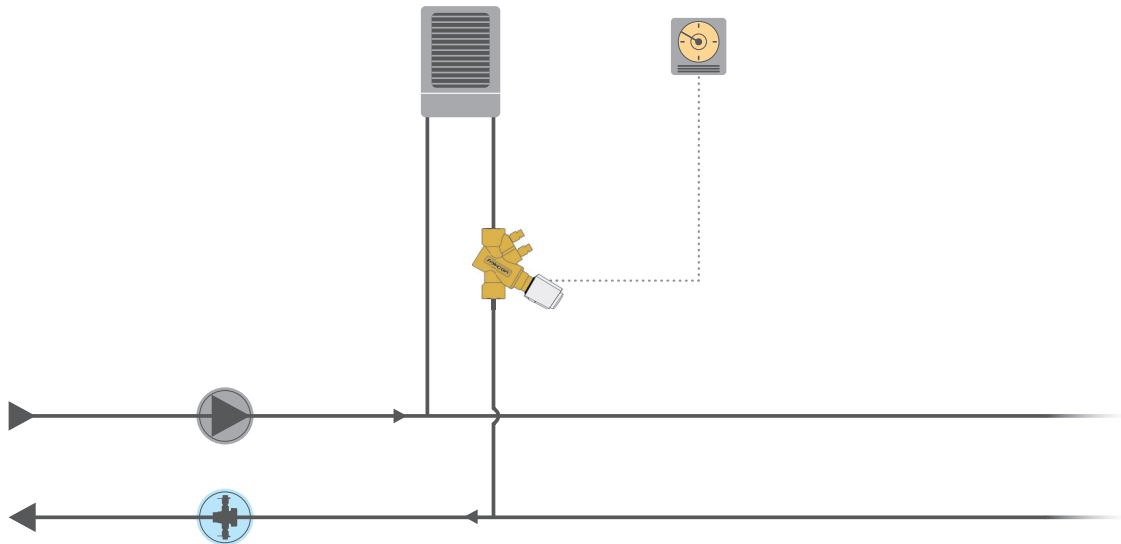


Stand-Alone Units

with Temperature Control



System Functionality:

A stand-alone terminal unit runs like a FCU but independent of a BMS system. The stand-alone unit works together with a self-acting room thermostat which communicates directly with the Temperature Control Valve's (TCV) ON/OFF actuator. The TCV will help secure no overflow and help reduce energy consumption.

Requirements:

The TCV including balancing will react to system pressure changes and automatically provide the selected max. flow independent of pressure changes. In addition, the actuator will provide ON/OFF control, securing proper thermal performance at all times, even at partial loads.

Solutions:

The solution is to mount a TCV on the stand-alone 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 occupant comfort.
- A serviceable solution due to insert-design
- Energy efficiency with regulation starting at only 10 kPaD
- Cost savings due to reduced commissioning time
- A proven technology - long life expectancy.

—FlowCon TCV—



EVS