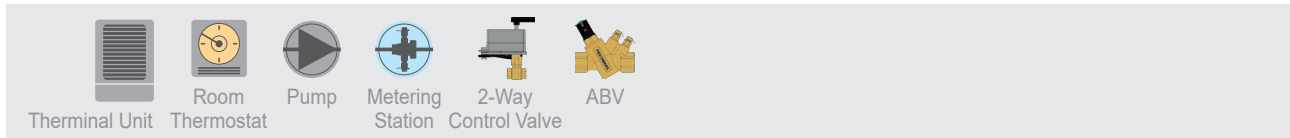
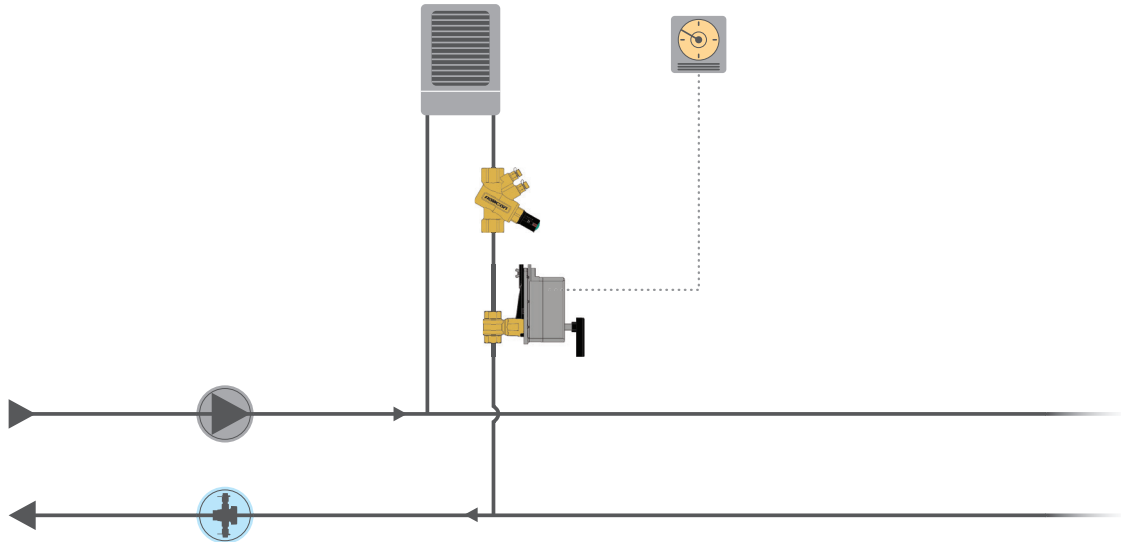


Stand-Alone Units

with Automatic Balancing



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 Control Valve's actuator. Just in front of and in series with the Control Valve is an Automatic Balancing Valve (ABV) to be connected. The ABV will help secure no overflow and guarantee design flow.

Requirements:

An ABV will react to system pressure changes and limit the water flow to required max. flow helping the system to be accurately controlled even with pressure changes.

Solutions:

The solution is to mount an ABV on the stand-alone unit and FlowCon offers:

- FlowCon E-JUST or
- FlowCon Composite.

Benefits:

- Assures no overflow in the system
- An easy-to-use and compact solution
- Adjustable insert solution providing high flexibility and easy maintenance
- Energy efficiency with regulation starting at only 15 kPaD
- Cost savings due to reduced time to balance and commission
- A proven technology - long life expectancy.

┌─ FlowCon ABVs ───────────┐ ┌─ FlowCon Control ───┐



AB Composite



AB E-JUST



Unimizer® 2-Way