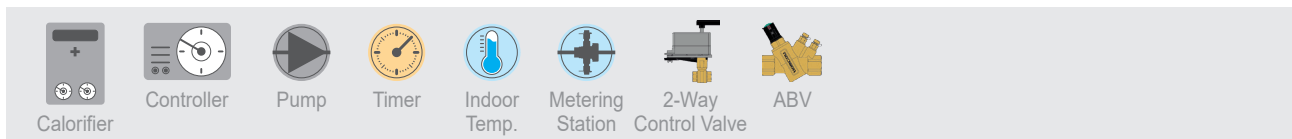
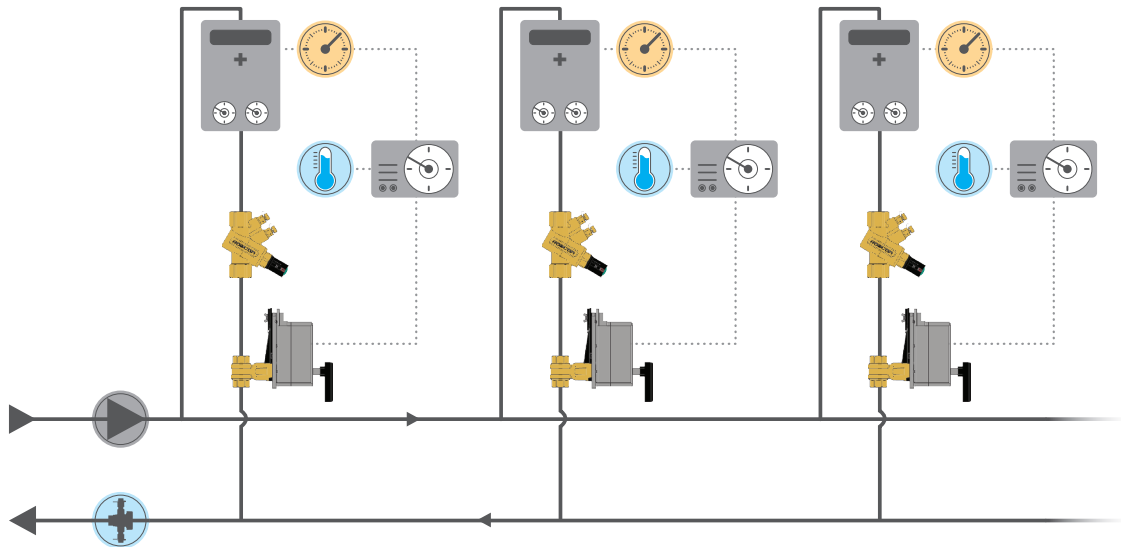


Calorifiers

with Automatic Balancing



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 an Automatic Balancing Valve (ABV) on every calorifier. ABVs will help secure no overflow and guarantee design flow.

Requirements:

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

Solutions:

The solution is to mount an ABV on every single unit and FlowCon offers:

- FlowCon E-JUST (adjustable insert).

Benefits:

- Assures no overflow in the system
- An easy-to-use solution
- Adjustable insert solution providing high flexibility and easy maintenance
- Energy efficiency with regulation starting at only 17 kPaD
- Cost savings due to reduced time to balance and commission
- A proven technology - long life expectancy.

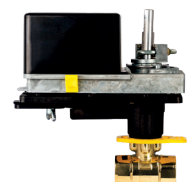
┌─ FlowCon ABVs ───────────┐ ┌─ FlowCon Control ───┐



AB Composite



AB E-JUST



Unimizer® 2-Way