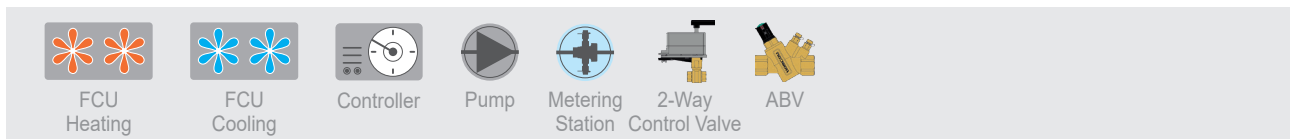
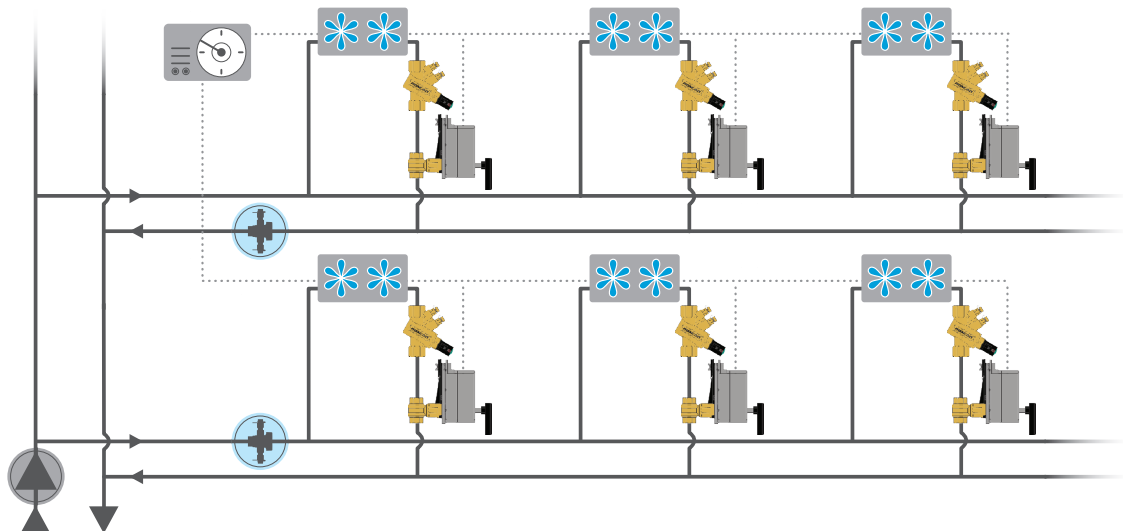


Fan Coil Units

with Automatic Balancing



System Functionality:

The water-based FCU is a simple coil/fan device. The coil airflow is normally constant or limited to 3 different speeds controlled by the user. Hence, the return water temperature often fluctuates depending on season and corresponding cooling or heating requirements. In order to obtain room comfort, an Automatic Balancing Valve (ABV) can be installed along with a separate control valve on each coil securing no overflow.

Requirements:

The ABV will react to system pressure changes and limit the flow of hot or chilled water to required max. flow helping the system to be accurately controlled even with system pressure changes and individual user-controlled temperature requirements.

Solutions:

The solution is to mount an ABV on every 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.

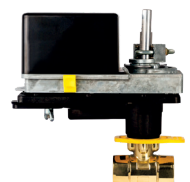
┌ FlowCon ABVs ───────────┐ ┌ FlowCon Control ───┐



AB Composite



AB E-JUST



Unimizer® 2-Way