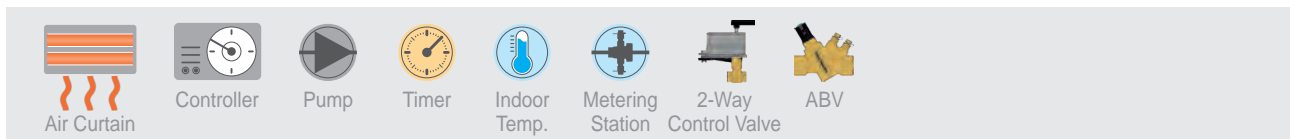
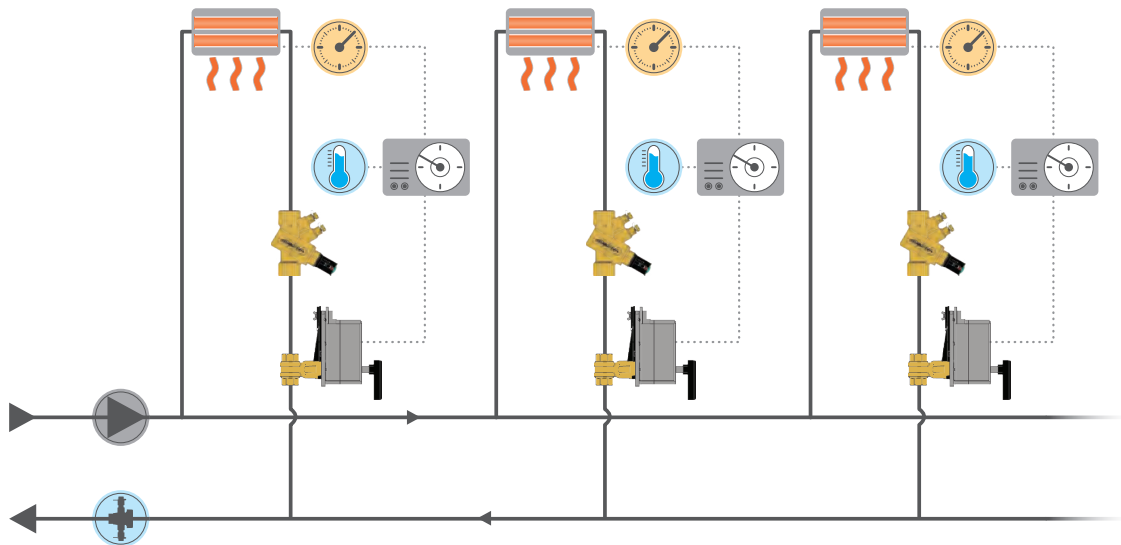


# Air Curtains

## with Automatic Balancing



### System Functionality:

An air curtain is a fan-powered device which creates an invisible air barrier over the doorway to efficiently separate two different environments, without limiting the access. It helps keeping shop- and restaurant entrances free from draughts and unwanted outdoor temperatures. The air temperature is controlled by circulated water temperature and with proper balancing, an air curtain may reduce heating and cooling costs by up to 80% while protecting the indoor climate and increasing people comfort. Balancing can be obtained by installing an Automatic Balancing Valve (ABV) on each unit securing no overflow.

### Requirements:

The ABV will react to system pressure changes and limit the flow of hot or cold 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 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