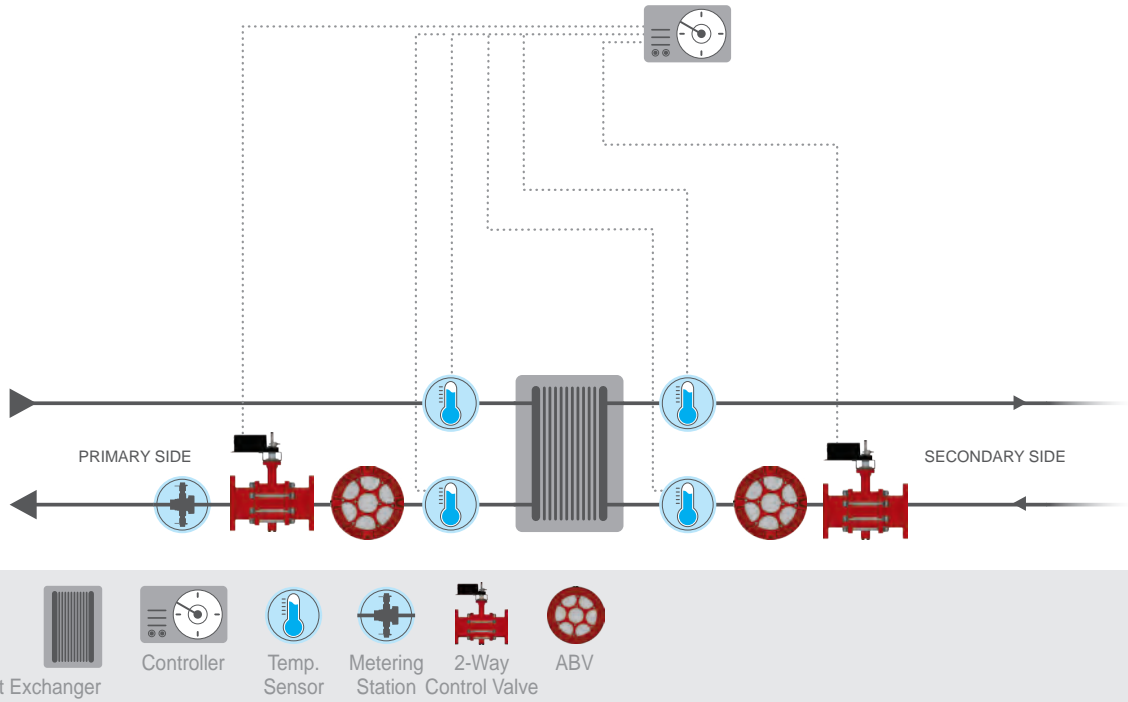


# Heat Exchanger - Variable flow

## with Automatic Balancing



### System Functionality:

A heat exchanger is a device that transfers heat from one fluid to another without mixing the two. The main function of a heat exchanger is to increase the energy efficiency of a heating or cooling system by transferring heat and thereby reducing energy costs. Proper balancing and flow control can assist in exactly this and by installing an Automatic Balancing Valve (ABV) on each heat exchanger, overflow is eliminated and design flow is guaranteed.

### Requirements:

An 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 (adjustable insert)
- FlowCon Wafer (pre-set multiple inserts).

### Benefits:

- Assures no overflow in the system
- An easy-to-use solution
- Adjustable insert solution providing high flexibility and easy maintenance (E-JUST)
- Energy efficiency with regulation starting at only 10 kPaD (wafer)
- Cost savings due to reduced time to balance and commission
- A proven technology - long life expectancy.

