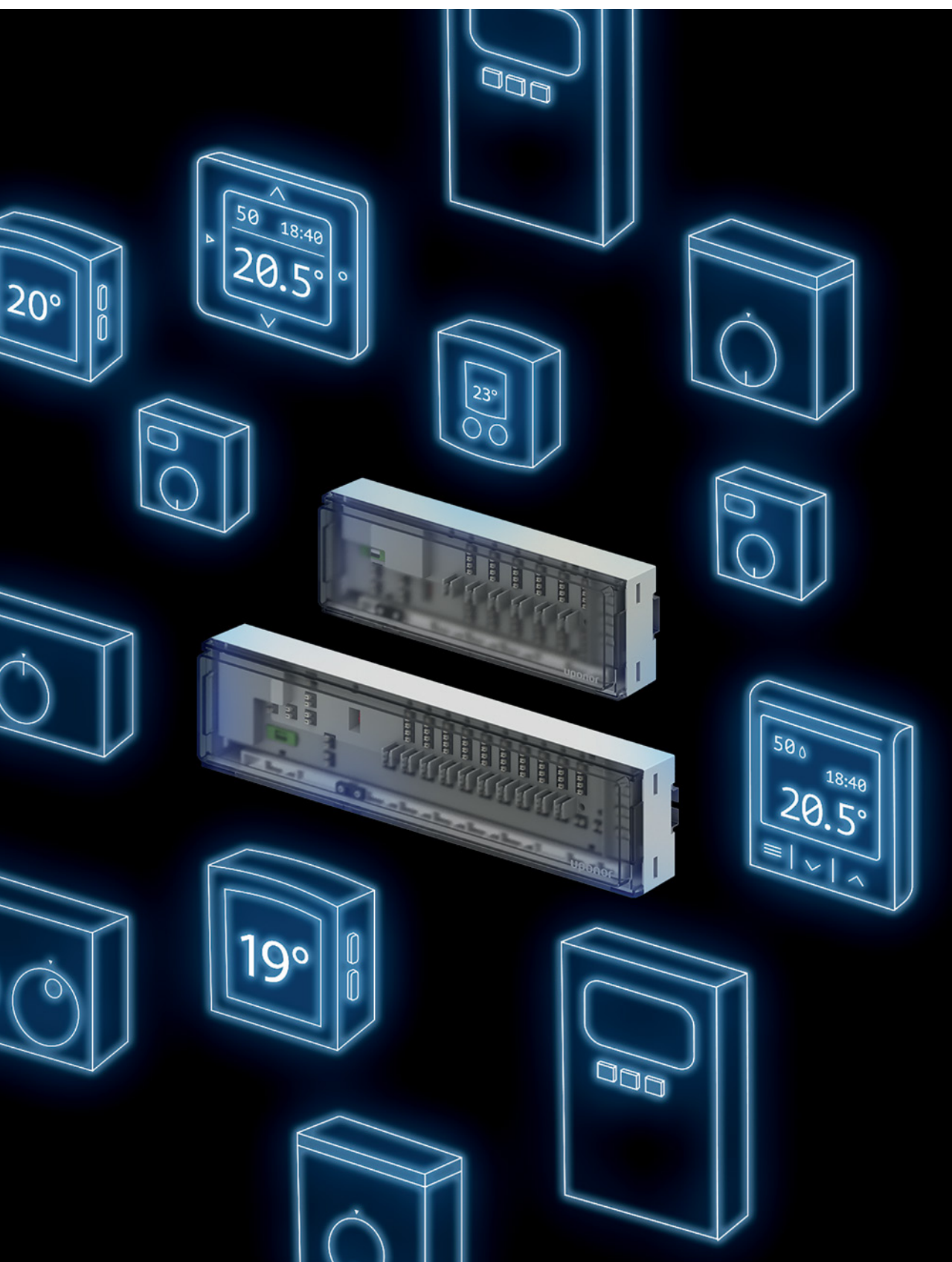


**Stay flexible.**  
**Choose efficiency.**

**Uponor**

Uponor Base Controller  
X-60 and X-80



# Autobalancing technology – energy savings and comfort.

## Heating and cooling control system with the highest compatibility

Finding a flexible and efficient underfloor heating solution in residential buildings requires technology that is compatible with as many devices as possible, controls processes autonomously and saves costs.

The new technology of Uponor Base Controllers X-60 and X-80 utilises advanced algorithms to enable a more efficient system compared to manual balancing, resulting in energy savings. It constantly regulates the amount of energy required to maintain optimum comfort in each room. At the same time, the controllers provide the highest flexibility and compatibility, as they can be connected to 230V thermostats from other manufacturers, opening up a wide range of choices.

When renovating, the high level of compatibility accelerates the entire process and enables a wide choice of different solutions: from cost-effective to the most modern ones. The Autobalancing function adapts to an existing installation without requiring recalculation during the initial setup. In a conventional heating control system, even small changes in the building can affect the temperature balance. The Autobalancing function of the X-60 and X-80 Base Controllers can automatically adapt to these changes to maintain comfort at all times – certified by TÜV Rheinland.

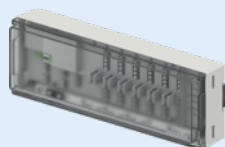


### Uponor Base Controller X-60



#### X-60

- Heating mode
- Autobalance heating
- 6 zones / 6 x 2 actuators
- Pump relay
- Day / night switch
- Standard 230V wiring

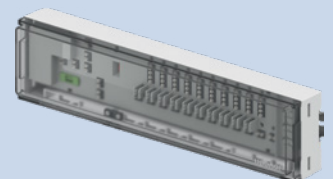


### Uponor Base Controller X-80



#### X-80

- Heating and cooling mode
- Autobalance heating
- 10 zones / 12 independent actuators
- Pump and boiler relay
- Day / night switch
- Standard 230V wiring
- Optional extra recommended for cooling: S-80 condensation set





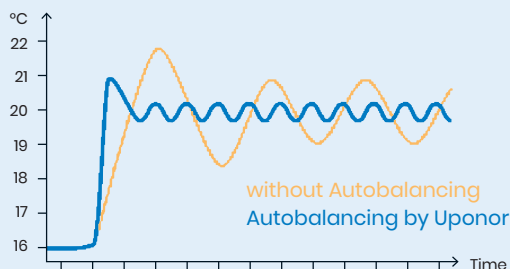
Find more information here



[www.uponor.com/230V-controller](http://www.uponor.com/230V-controller)

## Reduced energy consumption and optimum comfort with flexible Autobalancing technology

As part of the Base family, the Uponor Base Controller X-60 and X-80 open up a new era for wired heating and cooling systems. They regulate the actuators in response to demand signals from the thermostats to adjust the indoor temperature in each room. They initiate or stop the pump, and the X-80 can even start and stop the boiler and provide cooling without requiring special thermostats. Furthermore, the optional S-80 condensation set is designed to detect and avoid condensation.



## Key facts

- Wide freedom of thermostat choice
- Applications: heating and cooling
- Autobalancing heating

## Your benefits

- Energy cost savings
- High comfort
- No manual balancing required
- Easy installation and planning
- Fast wiring with simple correction procedure due to flexible assignment of thermostat and actuator



# Moving > Water

**uponor**

**Uponor Corporation**

Ilmalantori 4  
00240 Helsinki  
Finland

T +358 (0)20 129 211  
[www.uponor.com](http://www.uponor.com)