

Uponor

Four good reasons
that add value

Uponor Smatrix for radiant heating and cooling

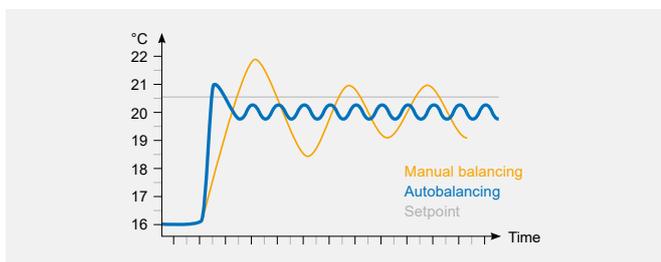
Your key to more efficiency

Uponor Smatrix is the smartest way to optimise comfort and energy management, and thus reduce costs for end consumers. It is a fully **integrated control system** for radiant heating and cooling – from water supply all the way to temperature monitoring via the wall-mounted control unit. Self-learning and intelligent, Smatrix is based on **unique software algorithms** developed by Uponor. The Smatrix product range covers room controls for wireless or wired connections and a supply temperature control.

1. Autobalancing technology

Uponor autobalancing technology automatically adjusts the energy output to ensure optimal comfort at all times.

- Energy savings of up to 6% (compared to single-room control systems), 12% (compared to non-balancing systems) or 20% (compared to non-balancing systems without single-room control)
- Replaces all manual setting processes to eliminate calculating and adjusting before and after installation
- No post-adjustment necessary – correct hydraulic balancing system with a long lifespan
- Easy retrofitting for old systems
- Comes as standard with Uponor Smatrix single-room control – both wireless or wired



2. Cooling ready

To meet consumers' growing need for cooling systems, Smatrix already offers an integrated cooling solution too. It features all the control components and functions needed for turning radiant heating into radiant cooling with an optimal cooling performance.

- All-in-one system for radiant heating and cooling
- No additional humidity sensor needed – savings costs and reducing coordination and programming efforts
- No additional costs for the end consumer
- Autobalancing technology ensures optimal hydraulics when cooling



3. Easy control and trouble-free maintenance

With Smatrix Wave, a range of features are included that make full control for the end consumer easy and convenient – and maintenance trouble free for installers. These include a user-friendly touch-screen display and SD memory card slot

- Intuitive operation for easy use and full system control
- Smatrix App for easy remote access and prompt temperature information, and thus energy consumption
- Reduced set-up time for multi-occurring system topographies (e.g. for multi-family homes with flats featuring the same layout and room sensors)
- Fast re-starts thanks to automatic backups
- Supply diagnosis, trends and data logging enable each system to be quickly analysed and optimised



4. Ideal for renovation and construction projects

Smatrix Wave with his room and supply temperature control are fully integrated wireless solutions that can be equipped in any home – whether an older building undergoing renovations or a new building under construction.

- Costs for cable are eliminated
- Damage to wallpaper or flooring is eliminated
- Fully integrated system together with Uponor Move or Uponor Move PLUS, which exchange information regarding heating/cooling, normal/lowering and running condition modes

