

Uponor

# Build on Uponor with Smatrix PRO

Our new control system for radiant heating and cooling with one control unit for different building types easily finds the optimum in every area

**NEW**



# The optimum in energy efficiency: Uponor Smatrix PRO

**Climate conditions are complex. Solve them intelligently.**

When it's cold outside but warm inside, people intuitively put on different layers as a response to changing temperatures. But how can industrial or commercial buildings intelligently react to different weather conditions? Several factors influence the climate of buildings, regardless whether it's a manufacturing facility, an office or a hospital. Each building turns out to be as individual as a human being. Differences in exposition, shapes, structure and usage of buildings require customized solutions. Other variables such as the number of workers, airflows, sun light etc. determine the rise and fall of

temperatures. Due to all factors, climate is utmost complex but Uponor's solution is very simple! **Smatrix PRO** is the climate manager who helps businesses to save energy costs because it automatically finds the optimum in every area! Smatrix Move PRO manages the different zones in a building. Heating, cooling, heating and cooling and even zones where snow melting is required are possible. Smatrix Base PRO with Autobalancing technology adjust the amount of energy needed in every room that the temperature stays at the designed level - regardless of the circumstances.



*Meeting rooms, cafeterias, atriums and single offices – they all have different temperature needs.*



*Smatrix PRO manages the indoor comfort for buildings of all sizes.*



*The snow melt function: Manages safety outside on walkways, parking areas and even in football stadiums to keep your business productive at all times.*

## Your benefits

- Reduction of energy costs and increase of transparency
- One point of contact
- Just one control for different building types
- Smart monitoring technology and remote control of the whole system

# The optimum in usability: one system for up to 192 rooms

Easy to install, set-up and operate. Profit from one contact partner for all your requirements.



Multi-room control Smatrix Base PRO



Supply water control Smatrix Move PRO



Snow and Ice melting



# The optimum in performance: Smatrix Base PRO multi-room control for indoor comfort

Smatrix Base PRO is the perfect manager for your commercial building – It controls different temperatures of many areas in only one system. A touchscreen and its user friendly menu allows everyone to use high-technology with remote control. Nevertheless, Smatrix Base PRO with the self-learning algorithm automatically responds to needs of different rooms.



*Smatrix Base PRO, featuring autobalancing function and easy integration into Building Management System (BMS)*

## Key features

- Fits different scenarios covering commercial applications, from 1 to 16 controllers in a complete system
- Autobalancing ensures simple installation, set-up and usage
- Touchscreen interface for single point of access and easy configuration of advanced features
- KNX integration through a gateway
- Compatible with KNX room control devices
- Complete integration with Smatrix Move PRO controller

# Smatrix Move PRO multi-zone control for indoor and outdoor areas

Smatrix Move PRO is the state of art add on to Smatrix Base PRO as it takes climate control to the next level. Special sensors enable the control of multi-zone supply water in heating and cooling and even in snowmelt zones outside. Moving towards the future has never been so easy because Smatrix Move PRO can be integrated in already existing Building Management Systems.



*Smatrix Move PRO, featuring snow and ice melting and domestic hot water functions*

## Key features

- Management of up to 4 heating zones or 3 heating and cooling zones
- Management of up to 2 snowmelt zones in one controller
- Operation as stand-alone or in combination with Smatrix Base PRO
- Integration into BMS via Modbus interface
- Easy system setup with step by step wizard function

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