

## UPONOR SMATRIX UNDERFLOOR HEATING CONTROLS

MANUFACTURED BY:

**uponor**

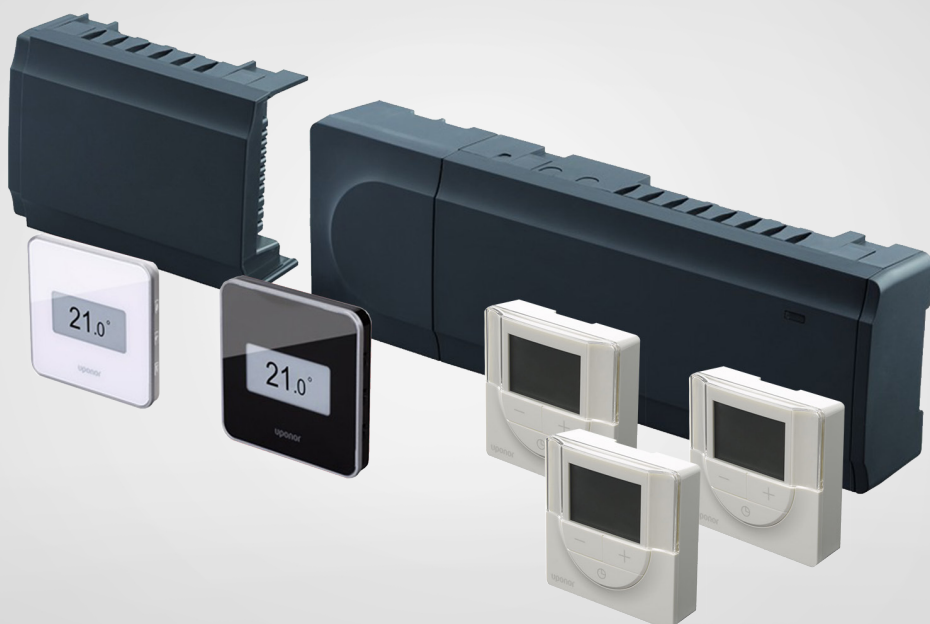
Uponor Smatrix is a management system for underfloor heating and cooling installations. The Smatrix control system allows the user to easily control the temperature of each individual room/zone.

Smatrix consists of a controller, thermostats and actuators. The controller manages the operation of the actuators when the thermostats detect a demand for heating and cooling.



**HUNT**  
HEATING

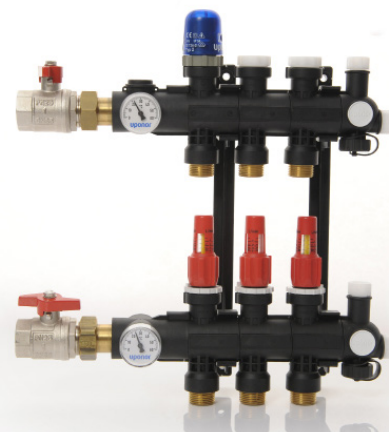
**12 MONTH\*  
WARRANTY**



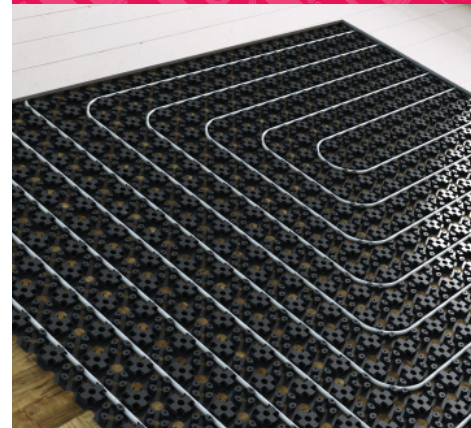
### Features & Benefits

- Easy and fast to install and set up with minimal wiring
- Suitable for heating and cooling installations
- Flexibility due to modular system architecture
- Low maintenance with no batteries required
- Indoor climate control including humidity control
- Ideal temperature guaranteed for all seasons
- Black and white thermostats available

### UPONOR MANIFOLD



### UPONOR MINITEC SYSTEM



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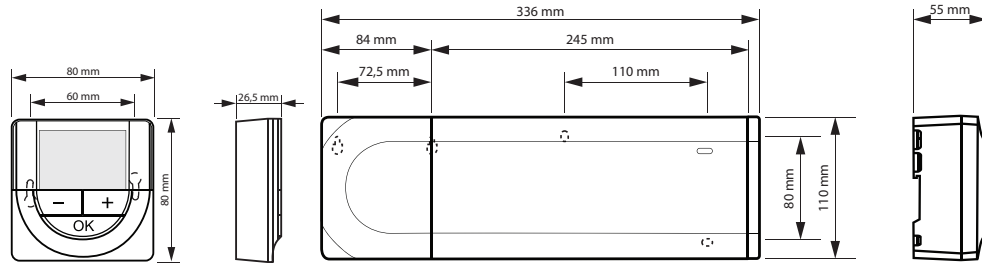
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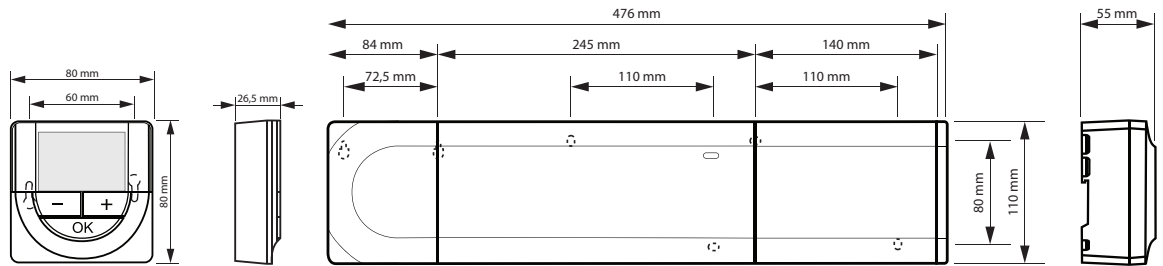
## Components

1071690	Smatrix Base Controller X-145
1071686	Smatrix Base Slave Module M-140
1071684	Smatrix Base Floor Sensor
1086977	Smatrix Base Programmable Thermostat T-148
1087813	Smatrix Base Thermostat T-149 - White
1087814	Smatrix Base Thermostat T-149 - Black

## Dimensions for Smatrix Base Controller and T-148 Thermostat



## Dimensions for Smatrix Base Controller and M-140 Slave



## Wiring diagram for Smatrix Base Controller and M-140 Slave

