

Climate Control Zoning System II

The Uponor Climate Control Zoning System II is a revolutionary new wireless control system designed especially for residential hydronic radiant heating applications. The system, which consists of a base unit

and thermostats along with standard Uponor actuators, communicates via radio link to provide energy-efficient comfort, user friendliness and precise temperature control for every room in a home.

Key features

- **Flexible**
Complete freedom for thermostat placement (no wires)
- **Easy to install**
Simple installation and setup
- **Modular**
Install only what is needed for the job
- **Improved comfort and efficiency**
Autobalancing feature offers 25% faster reaction times and up to 20% greater energy savings

Product offering

Part no.	Part description
A3800165	Wireless Dial Thermostat (T-165)
A3800167	Wireless Digital Thermostat (T-167)
A3801165	Wireless Base Unit, 6 zones (X-165)
A3801160	Wireless Base Unit Expansion Module, 6 zones (M-160)



Wireless technology



Frequently asked questions

How is this system different from the original Climate Control Zoning System?

The new Climate Control Zoning System II is more modular for greater installation flexibility. It includes a base unit (for controlling 6 zones) as well as an expansion module (for controlling an additional 6 zones) for up to 12 zones per unit. In addition, it incorporates a new feature called Autobalancing.

What is this new feature called "Autobalancing"?

Autobalancing saves installation time and provides 25% faster reaction times and up to 20% greater energy savings. Autobalancing is a function where the system calculates the actual energy need of single rooms and adapts the heat output of each loop by controlling the actuator's on and off cycle. This means a short loop might get 20% on time while a long loop might get about 60%. The automatic balancing continues through the seasons and throughout the household's changing lifestyle and usage patterns, removing the need for manual balancing.

Will this new zoning system be compatible with the original zoning system?

Unfortunately, no. The systems' radio frequencies are different, so the components are not able to communicate with one another.

What is the maximum number of thermostats and actuators the system can accommodate?

A single base unit (A3801165) can support 6 thermostats and 8 actuators. Adding an expansion module (A3801160) includes another 6 thermostats and 6 actuators, allowing the full system to accommodate 12 thermostats and 14 actuators.

What is the maximum distance the thermostats can be from the base unit?

Through typical residential construction materials, the range is 98 feet (30 m) which is the same as the previous wireless version.

Is it possible to mix the different types of thermostats in the same installation?

Yes, both digital and dial thermostats can be installed in the same installation. However, note that because the new wireless system's radio frequencies are different from the original Climate Control Zoning System, it is not possible to use the thermostats from the original system with this new system.

How does the cost of this system compare with a wired zoning system?

The Climate Control Zoning System II is more cost competitive compared to wired systems. Additionally, since there is less wiring required, the system also offers installation time and materials savings.

Can the Climate Control Zoning System II be used with hydronic baseboard systems?

Yes, this zoning system can also be used on baseboard systems. Be sure to use Uponor's thermal zone valves (A3011075) to ensure compatibility.



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