



# uponor

RADIANT HEATING  
AND COOLING SYSTEMS

CLIMATE CONTROL™  
NETWORK SYSTEM

FREQUENTLY  
ASKED QUESTIONS

## Climate Control™ Network System FAQs

### What is Uponor's Climate Control Network System?

Uponor's Network System is an integrated computer hardware and software package that connects all of a building's heating, ventilation and air-conditioning (HVAC) systems to a single network control system. This gives the installer complete and easy command of whatever comfort systems are installed — radiant heating, forced-air heating and cooling, ventilation and humidification — through a computer, even from a remote location. This is a smart system, able to communicate and share information, instead of simply taking orders like traditional controls.

### How does it work?

The system uses Direct Digital Control (DDC) principles. This means you get the flexibility of controlling what you want, how you want — without the expense and headache of creating and testing custom code.

### What type of thermostat works with this system?

The thermostats are specifically designed to function within the Network System. These thermostats:

- Monitor air and slab temperature
- Maintain humidity and air quality levels
- Control two stages of heating
- Control two stages of cooling
- Provide supplemental heating

All these functions are controlled via two wires. Product selection is easy — simply choose among vertical, horizontal or no display. All functionality is built into each model. With just two wires to connect, installation is also simple and inexpensive.

### What types of tools are required?

The Network System uses Cat5 wire and connectors to connect to other devices in the system. For a minimal investment, all the tools required to make these types of connection (crimper, cable tester, cutter, etc.) can be ordered from Uponor or found in local outlets, such as Home Depot and Radio Shack.

In addition, Uponor Configuration Tool (UCT) is needed. With this exclusive, intuitive graphical user interface, the installer can quickly and easily perform the necessary setup. The UCT also provides the flexibility of manual control over all heating and cooling devices and a reporting feature — helpful in diagnosing any system.

### Is the system complex and difficult to install?

The Network System removes the complexity in typical HVAC systems with simple plug-in connections. The fail-safe design of our plug connections allows only one way to connect components, removing the need for rewiring. Rewiring takes place in the UCT software. The system uses low voltage (24VAC), and Uponor provides cables in different lengths to eliminate the need of making cables onsite, further simplifying the installation.

### Is the system accessible online?

The Network System allows you, the contractor, to monitor and manage the system online, making instant changes to satisfy all of the occupants' comfort needs. In fact, with the optional notification system, you may know about an issue (via cell phone or e-mail alert) before the occupants do, so you won't even have to make a service call.

### Is the system modular?

Yes. The Network System is very flexible. End users can select the components they need now and add to them later. This way, the system is compatible with any budget and can grow with the owner's needs.

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