



RADIANT HEATING AND  
COOLING SYSTEMS

proPANEL® SERIES

FREQUENTLY  
ASKED QUESTIONS

## proPANEL® Series FAQs

### What are proPANEL® units?

The proPANEL units are pre-assembled, pre-wired and pre-piped control panels designed around the function of the Climate Cöntrol™ - Multifunction hydronic controller. These panels — models 90, 90M, 90Z and 90MZ — allow easy integration of multiple hydronic system controls into one cost-effective and efficient system.

### How are the redesigned panels different from the former models?

The redesigned proPANEL units are smaller and weigh less than the former models, making it simpler for one person to install. The dimensions are approximately 27"H x 18"W x 8"D. In addition, the new proPANEL units are modular, allowing units to combine when additional heating is required.

### What control is in the redesigned panels?

Designed to work with the new Climate Cöntrol - Multifunction unit, the redesigned panels do not have the actual control inside the panel. Instead, the panel is equipped with a control interface that allows easy wiring.

### Can I connect several proPANEL units?

Yes. In fact, this flexible offering allows for any combination of proPANEL units to be installed with only one hydronic controller — the new Climate Cöntrol - Multifunction unit.

### Can panels be used without the Climate Cöntrol - Multifunction hydronic controller?

Yes, but only the proPANEL 90 and 90Z models. These two panels, which do not feature mixing functionality, can be used without the Climate Cöntrol - Multifunction hydronic controller with a low water-temperature source.

### What is the capacity of the panels?

The panels, designed for a maximum target of 90,000 BTU/h, are fed with 1" tubing and 3/4" and 1" secondary connections. However, in certain situations it is possible to obtain more or less BTU/h output from a single panel, depending on design specifications. The primary connection is removed from these panels to allow direct connections to a smaller system or to use as a secondary source in larger systems.

### What kind of tools are required, since Cat5 connectors are used?

Cat5 connectors are standard networking cables. Uponor makes and stocks multiple-length wires to speed these connections or, for a minimal investment, the installer can purchase the tools required to make custom cables from a local home improvement retailer.

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