

# **Router Main Control (RTR)**

Submittal Information Revision A: July 15, 2008

## **Project Information**

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Job Name:		
Location:	Part No. Ordered:	
Engineer:	Date Submitted:	
Contractor:	Submitted By:	
Manufacturer's Representative	Approved By:	

#### **Technical Data**

Input Power: 24VAC (+/- 10%) is provided from the system

transformer via the power cable; 25VA full load.

Communication: 1 Ethernet port for connection to the Internet and/or the Uponor Configuration Tool (UCT) and/or

the Touch Panel Interface (TPI)

5 Cat5e subnet ports for the Digital Zone Control

Modules (DZCMs)

1 Molex plug for power and subnet for interconnect

cable

Control Application: Provides communication link from all controllers.

Sends all functional commands to field modules.

Storage Temperature: 14°F to 160° F (-10°C to 70°C)

Operating Temperature: 32°F to 105°F (0°C to 41°C)

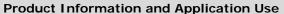
10% to 90% humidity (non-condensing)

LED Indicators: On Co

Continuous "On" power applied

Run Green Tx and Red Rx LED flashes to indicate processing programs Flash rapidly when control transmits or receives

information



The Router Main Control contains the communication ports for the Digital Zone Control Modules (DZCM) and Field Modules (Furnace and Air Conditioning, Heat Recovery Ventilator, Zone Valve Damper and General Input/Output controls boards). The Router also has an Ethernet port to connect to the Internet for remote viewing (optional) or UCT.



$\checkmark$	Description	Part Number	Height	Width	Depth	Weight
	Router Main Control (RTR)	A9011000	8.0"	7.0"S	1.375"	2.20 lbs.

#### Installation

Use Cat5e patch cables with RJ45 connectors for communication connections to the Internet, DZCMs and Field Modules. The RTR includes mounting screws and power connector. Refer to the Uponor Climate Cŏntrol™ Network System Router Main Control Instruction Sheet for details.

### **Standards**

Class II wiring

#### Codes

N/A

## Listings

N/A

## **Related Applications**

Radiant Heating and Cooling System Snow and Ice Melting System Permafrost Protection System Turf Conditioning System

### **Contact Information**

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