

Primary Equipment Control (PEC)

Submittal Information
Revision A: July 15, 2008

Project Information

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

Technical Data

Input Power:	24VAC (+/- 10%) provided from the Router
Outputs with LEDs:	5 configurable outputs for boiler/GSHP control 1 chiller output 1 heat/cool output 1 primary pump output 1 domestic pump output 1 recirculation pump output
Output Ratings:	0 – 10VDC, 2mA maximum
Inputs:	Outdoor air temperature Primary supply and return temperature 1 domestic tank sensor 1 recirculation sensor 1 pressure sensor 2 buffer tank hot/cool sensor
Input Type:	10k NTC resistive
Connection:	Interconnect cable
LED Indicators: On	This indicator illuminates when the control has power. This indicator flashes to signal the control is processing information.
Run	These indicators flash rapidly when the control transmits or receives information
Green and Red Tx Outputs	Indicates Network System control commanded On Green LED. If output LED is flashing the cable is not connected to the device properly.



Product Information and Application Use

The Primary Equipment Control (PEC) provides connections to the boiler, primary pump, domestic hot water tank, outdoor air sensor, and optional pressure sensor. All device connections are RJ45 terminals. Cat5e wire required for terminating connectors. Cabinet mounting screws, interconnect cable for power and communication and outdoor air sensor.

✓	Description	Part Number	Height	Width	Depth	Weight
☐	Primary Equipment Control (PEC)	A9012000	8.0"	7.0"	1.375"	2.20 lbs.

Installation

Refer to the Uponor Climate Cöntrol™ Network System Primary Equipment Control Instruction Sheet for additional information.

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

Uponor, Inc.
5925 148th Street West
Apple Valley, MN 55124 USA
Phone: (800) 321-4739
Fax: (952) 891-2008
www.uponor-usa.com

Uponor Ltd.
655 Park Street
Regina, SK S4N 5N1
CANADA
Phone: (888) 994-7726
Fax: (800) 638-9517
www.uponor.ca