

Radiant Ready 30E™

Submittal Information
Revision A: April 14, 2011

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

Back plate:	16-gauge galvanized steel
Cover:	18-gauge powder-coated steel
Piping:	¾" Multi-layer Composite (MLC) tubing and ¾" brass
Ambient conditions:	32°F (0°C) to 122°F (50°C); indoor use only
Demand:	240VAC, 50A
Control interface:	24VAC at 4A (power), Class 2 (maximum rating), Uponor Heat-only Thermostat, two-wire (A3030101) or end switch from Uponor Zone Control Module (A3030003/A3030004); compatible with Uponor Climate Control™ Zoning System (A3601000)
Circulator:	120VAC +/- 10%, 50/60Hz, <1A, 1/25hp
Maximum operating pressure:	30 psi
Maximum operating temperature:	185°F (85°C)
Heat source:	9 kW electric boiler

Product Information and Application Use

The Uponor Radiant Ready 30E™ is a pre-wired, pre-piped hydronic mechanical unit that combines a 9 kW electric boiler, expansion tank, air vent, system circulator, isolation valves, pressure-relief valve, radiant distribution manifold and thermostat. The Radiant Ready 30E provides a simple solution for installing radiant heating in projects requiring up to 30,000 BTU/h. The Radiant Ready 30E has outdoor reset capabilities for optimal system efficiency and is capable of five radiant loops with single-zone control (up to 12 loops with customization). The unit's three-speed circulator allows for use in a wide range of system sizes.



✓ Description	Part Number	Height	Width	Depth	Weight
Radiant Ready 30E, 30,000 BTU electric	A3503000	29⅞"	27¾"	13"	119 lbs.

Installation

Measure a minimum of 48" from the floor and install the mounting bracket to hang the Radiant Ready 30E unit. After hanging and fastening the unit to the wall, connect the radiant tubing. Fill and purge the system, connect power to the unit, wire the thermostat, balance the loops, wire the outdoor reset (optional) and adjust the boiler controller settings. For complete installation instructions and customization options, refer to the Radiant Ready 30E Installation Guide.

Codes

Must comply to local codes

Listings

cETLus , CSA C22.2 No. 165.92, UL No. 834

Related Applications

Radiant Heating and Cooling Systems

Contact Information

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