



RADIANT HEATING AND COOLING SYSTEMS

DESIGN REQUEST FORM

Radiant Heating and Cooling System Design Request Form

Design Services Terms and Conditions

Thank you for choosing Uponor for your design service needs. Please refer to the following guidelines to ensure we have all the necessary information to provide you with an accurate design.

- Complete this form in its entirety. Missing information will delay design completion.
- Once Uponor receives all the information for a project, the Design Services department will provide an estimated completion date for the design (upon request).
- It is your responsibility to notify Uponor Design Services of any changes in construction or field conditions.

Note: Any changes requiring a revision to the design may alter the completion date.

- Uponor is not held liable for the design or material list if changes are made to the project after completion of calculations or if the information provided is not accurate.
- All bills of material are quoted at list price.
- Material lists are not quoted in package quantities.

Requirements to Complete a Design

1. Completed Design Request Form e-mailed to design.services@uponor.com or faxed to 952.997.1731.
2. Architectural/mechanical blueprints, electrical layouts, floor plans, structural and cross sections (electronic files required, AutoCAD preferred; FTP site available for files exceeding 10MB and Zip files)

For questions regarding design fees, e-mail design.services@uponor.com or call 888.594.7726, ext. 5067.

Desired completion date _____ Date plans submitted to Uponor _____

Plans sent via: E-mail Mail Fax FTP

Note: Estimated design time is 10 business days after Uponor receives all plans, payment and this completed form.

I acknowledge that I have read and understand the terms and conditions set forth on page one of this document. I verify the design information provided on this form is correct and my project can be designed to these specifications.

Printed Name _____ Date _____

Signature _____

Design Services Fee Structure

Design requests include:

- Two (2) sets of designs per initial request and for each revision
- Standard shipping (second-day air)

Radiant Design Fees

- \$150 for loop layout
- \$300 for full design ≤ 5,000 ft²
- \$500 + 0.25 ft² for full design > 5,000 ft²

Additional Rates

- Revisions from initial design: \$200 per revision
- Additional copies of design: \$10 per page
- Expedited design time: \$200
 - Estimated design time is 10 business days from receipt of all plans, completed design request form and design fees.
 - Design Services will review and honor expedited requests if design capacity permits.
- Overnight delivery is available at applicable postal rate.

Uponor requires payment before the design process begins.

Preferred payment method is by credit card.

Contact Information

Project Name _____

Address _____

City _____ State ____ ZIP _____

Project Timing

Expected material purchase order date _____

Install date _____

Plan Ship to:

Name _____

Address _____

City _____ State ____ ZIP _____

Note: UPS will not ship to a P.O. box.

Plan Bill to:

Name _____

Address _____

City _____ State ____ ZIP _____

Information Provided/Submitted by:

Name _____ Date _____

Phone _____

E-mail _____

Completed Design Plan and Quote Format

Note: Uponor will return all designs in PDF format unless paper copies are requested.

- PDF (E-mail to _____)
- Print and ship _____ (number of copies of the design plan)

Note: More than two copies may result in additional fees.

Uponor Sales Representative

Company Name _____

Contact Name _____

Phone _____ Fax _____

Cell _____

E-mail _____

Wholesaler/Distributor

Company Name _____

Contact Name _____

Phone _____ Fax _____

Cell Phone _____

E-mail _____

Contractor Information

Company Name _____

Company Contact _____

Address _____

City _____ State ____ ZIP _____

Phone _____ Fax _____

E-mail _____

Engineer/Architect Information

Company Name _____

Company Contact _____

Phone _____ Fax _____

Cell Phone _____

E-mail _____

Radiant System Design Information

Type of Design Service

Please check applicable items and provide the following information.

- Complete radiant design — heat loss, design criteria, material list and CAD layout
- Snow-melt design — heat loss, design criteria, material list and CAD layout
- CAD layout only (design information provided by others)
 - Architectural and/or mechanical AutoCAD file with elevations
 - Door/window schedule
 - Floor coverings
 - Zoning and manifold locations
 - Manhole, stair and trench drain locations
 - Other obstruction information
- Free Radiant Quick Estimate (Quick estimate is a material estimate only and based on area.)

Check one of the two packages below and include any additional options you desire.

- Base Package:** After completing your heat-loss calculations, Uponor's designers will use basic radiant components, such as manifolds, pump relays, thermostats, thermostatic mixing valves, and actuators or zone valves, to control and operate a comfortable and efficient system.
- Upgraded Package:** For this package, designers will incorporate component upgrades and modifications from the base package to provide better system control and efficiency via simplified wiring and piping, comfort zoning and increased valve and zoning control.

Additional Package Options:

- Floor Temperature Sensors
- Domestic Hot Water Control (DHW)
- proPANEL® (Pre-assembled, pre-wired and pre-piped control panels)
- Manifold Cabinets
- Internet Accessibility
- Air Systems Control (Climate Cōntrōl™ Network System only)
- Touch Panel Interface (Climate Cōntrōl Network System only)
- Controls Cabinet (Climate Cōntrōl Network System only)
- Tools
- Uncoiler

Heat-loss Calculation Information

Note: Indicate if others are providing engineered loads or Advanced Design Suite™ (ADS) file.

- | | |
|-----------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> Outdoor Design Temperature | <input type="checkbox"/> Door R-value* |
| <input type="checkbox"/> Indoor Design Temperature | <input type="checkbox"/> Window R-value* |
| <input type="checkbox"/> Ceiling Height | <input type="checkbox"/> Air Changes |
| <input type="checkbox"/> Ceiling R-value* | <input type="checkbox"/> Skylight R-value* |
| <input type="checkbox"/> Wall Height | <input type="checkbox"/> Glycol Percentage |
| <input type="checkbox"/> Wall R-value* | <input type="checkbox"/> Maximum Source Temperature |

*Be sure to note insulation R-value information.

Slab Construction (if applicable)

- | | |
|----------------------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> Slab Thickness | <input type="checkbox"/> Perimeter R-value* |
| <input type="checkbox"/> Water Table/
Bedrock Present | <input type="checkbox"/> Under Slab R-value* |
| <input type="checkbox"/> Edge R-value* | |

Supplemental Heating (if applicable)

Please indicate supplemental method.

- Radiant Ceiling Panel Radiant Wall Panel
 Other _____

Suspended Construction (if applicable)

- Under Floor R-value* Heated Below Yes No

Please indicate installation method.

- Suspended Tubing Joist Trak™
 Over Pour Concrete/Gypcrete Quik Trak®
 Fast Trak™ 0.5 Fast Trak™ 1.3i
 Other _____

Snow and Ice Melting Design

Note: Please indicate if others are providing engineered loads or ADS.

- | | |
|-----------------------------------------------------|--------------------------------------------|
| <input type="checkbox"/> Melting Temperature | <input type="checkbox"/> Edge R-value* |
| <input type="checkbox"/> Outdoor Design Temperature | <input type="checkbox"/> Glycol Percentage |

*Be sure to note insulation indicate R-value information.

- Manual Snow and Ice Melt Control
 Automatic Snow and Ice Melt Control

