



RADIANT HEATING
AND COOLING SYSTEMS

DESIGN REQUEST FORM

Commercial 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 and this completed form.
Uponor will not start any design until all information on this form is complete.

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 within this form is correct and my project can be designed to these specifications.

Printed Name _____ Date _____

Signature _____

Contact Information

Project Name _____

Address _____

City _____ State _____ ZIP _____

Project Timing

Expected material purchase order date _____

Install date _____

Information Provided/Submitted by:

Name _____ Date _____

Phone _____

E-mail _____

Engineer/Architect Information

Company Name _____

Company Contact _____

Phone _____ Fax _____

Cell Phone _____

E-mail _____

Uponor Sales Representative

Company Name _____

Contact Name _____

Phone _____ Fax _____

Cell _____

E-mail _____

Radiant System Design Information

Design Stage

Please check applicable design phase for this project:

- Schematic Design (SD) / Design Development (DD)
- Construction Document (CD)
- Bid Date _____

Type of Design Service

Please check applicable items and provide the following information.

- CAD Layout Only (design information is already complete)
- Radiant Design — design criteria
- Snow-melt Design — design criteria
- Uponor Materials — list price quote

Radiant Application

Please check all that apply:

- Radiant Floor Heating
- Radiant Floor Cooling
- Radiant Ceiling Cooling
- Distribution Piping

Design Calculation Information

Please completely fill out:

- _____ Indoor Design Temperature (Heating)
- _____ Indoor Design Temperature (Cooling)
- _____ Hot Water Supply Temperature (max)
- _____ Chilled Water Supply Temperature (min)
- _____ Glycol Percentage

Desired Delta T Requirement:

_____ Heating _____ Cooling

Desired Load Density (btu/sf):

_____ Heating _____ Cooling

Note: Attach all engineered heating and/or cooling loads for all commercial projects.

Uponor Design Services can provide shop drawings within 10 business days upon request from the bid-awarded contractor.

Zoning Information Notes

Please check all that apply:

- Slab on Grade Insulation Thickness _____
- Structural Slab Insulation R-Value _____
 - On Grade Floor Covering _____
 - Suspended
- Topping Slab
- Slab Thickness inches _____
- Tubing Elevation in Slab
 - Inches from surface inches _____
 - Located at bottom of slab

Snow and Ice Melt

_____ Melting Temperature _____ Outdoor Design Temperature

Project Material Selection Information

Please check all that apply:

- Tubing Type Wirsbo hePEX™ Uponor AquaPEX®
- Tubing Diameter 1/2" 5/8" 3/4" 1"
- On-center Distance 6" 9" 12" 18"
- Manifold Preference Engineered Polymer (EP)
 - TruFLOW™ Copper
 - Supply and Return Ball Valves

Please indicate attachment method:

- Fixing Wire Foam Staples PEX Rails
- Other _____

Other Required Information

Please verify that the following are attached:

- Project Specification
- Architectural and/or mechanical AutoCAD file including:
 - Floor Plan Sheet Number(s) _____
 - Radiant Zoning Sheet Number(s) _____
 - Radiant Schedules Sheet Number(s) _____
 - Manifold Locations Sheet Number(s) _____

Or note acceptable locations below

