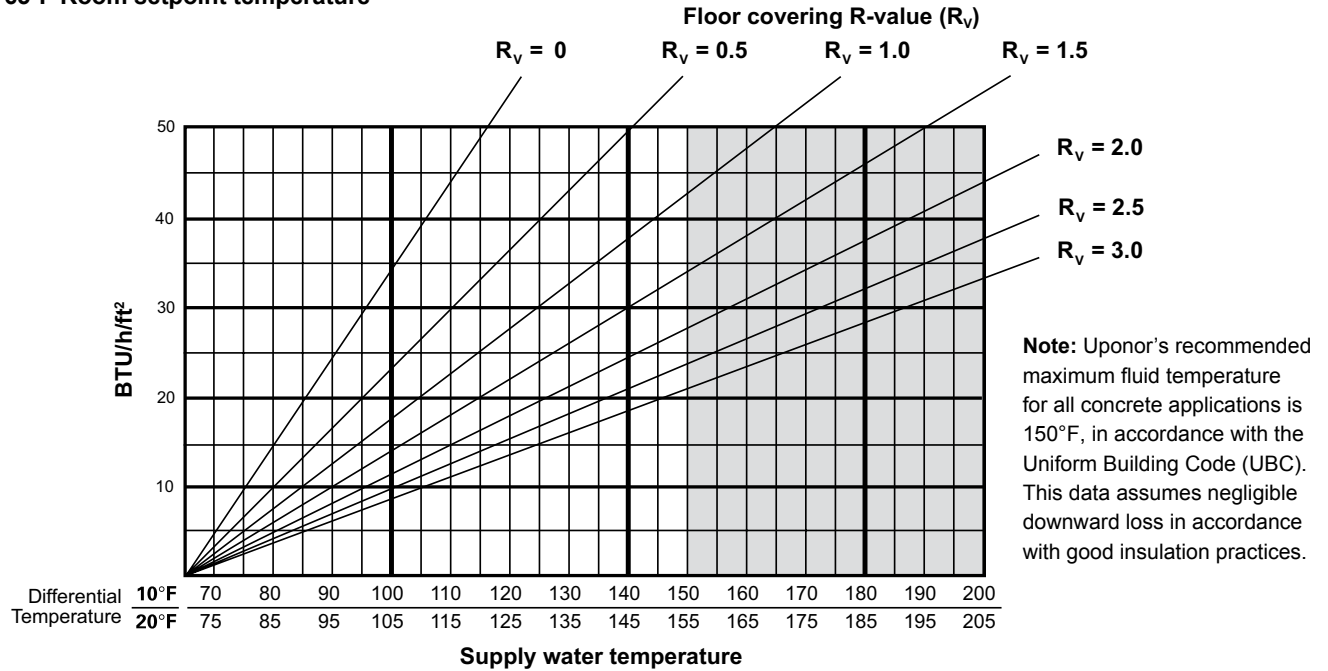


# Appendix E: Supply water temperature charts

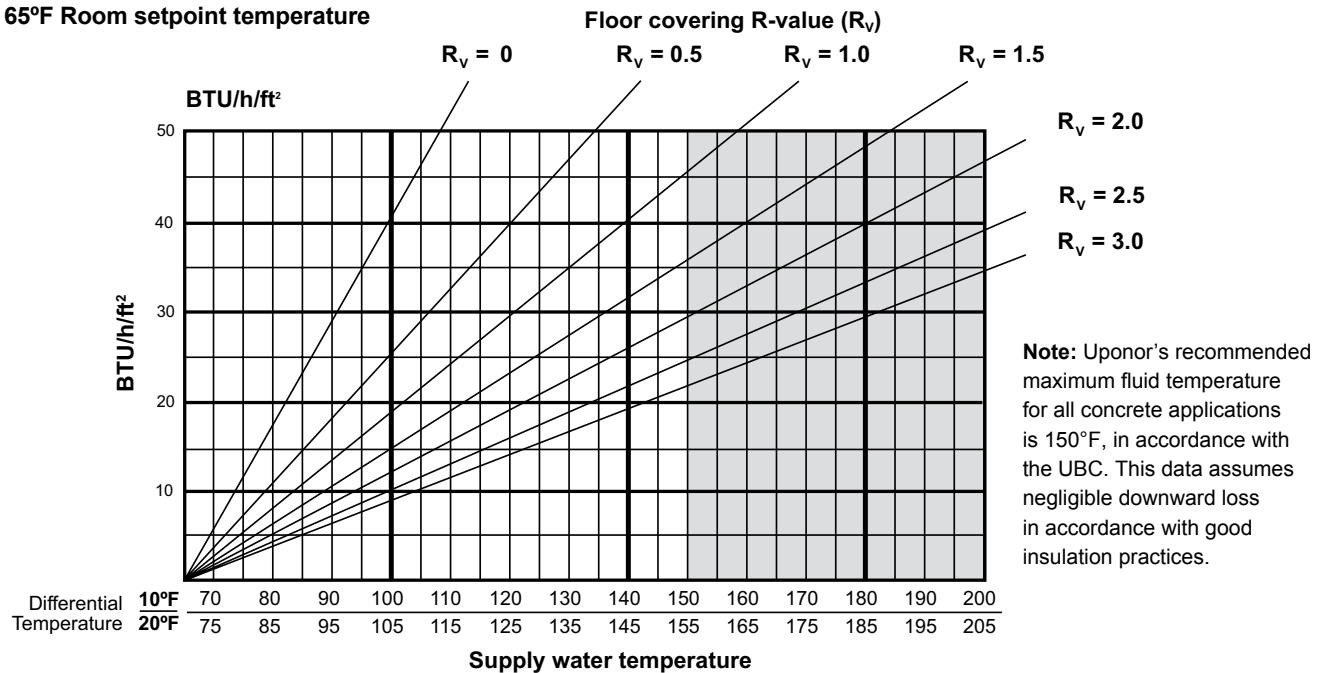
## Concrete — 4" slab (12" on center)

65°F Room setpoint temperature



## Concrete — 4" slab (9" on center)

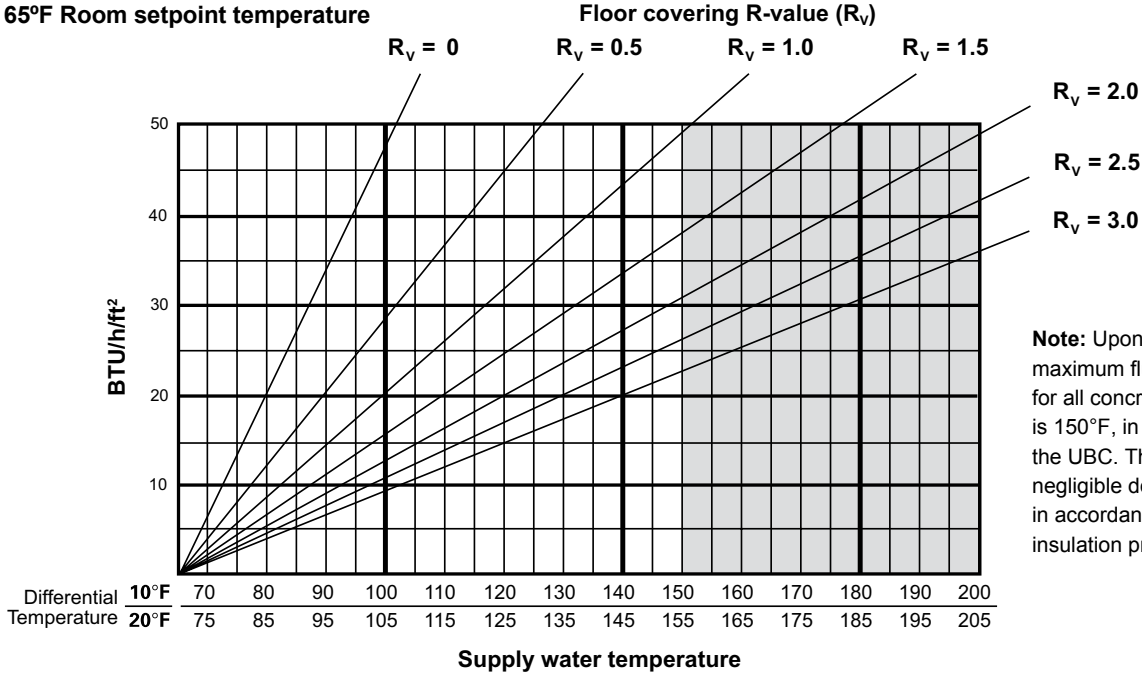
65°F Room setpoint temperature



# Appendix E: Supply water temperature charts

## Concrete — 4" slab (6" on center)

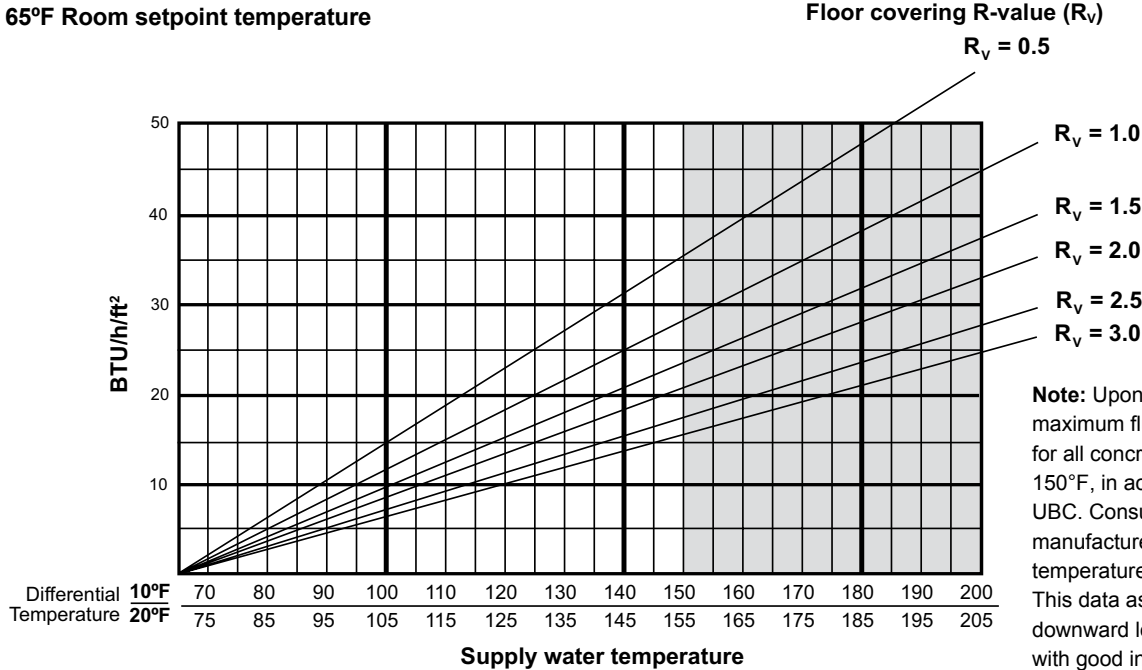
65°F Room setpoint temperature



**Note:** Uponor's recommended maximum fluid temperature for all concrete applications is 150°F, in accordance with the UBC. This data assumes negligible downward loss in accordance with good insulation practices.

## 1½" Poured floor underlayment (12" on center)

65°F Room setpoint temperature



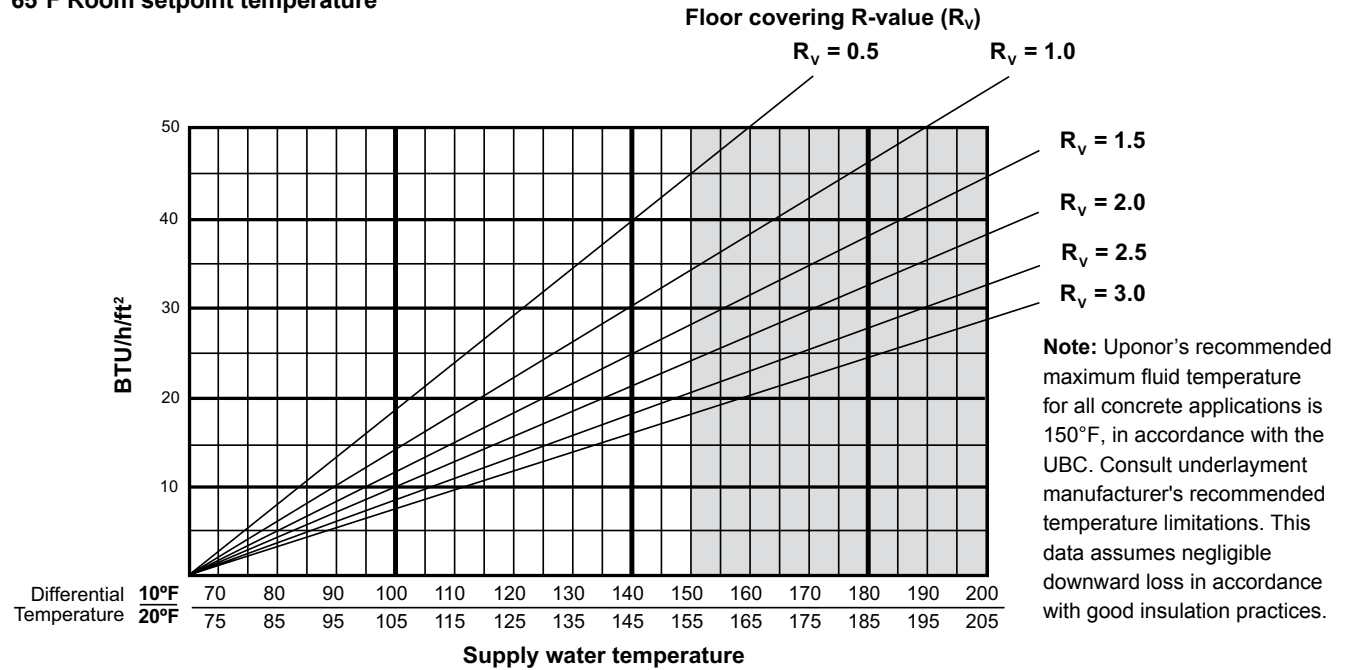
**Note:** Uponor's recommended maximum fluid temperature for all concrete applications is 150°F, in accordance with the UBC. Consult underlayment manufacturer's recommended temperature limitations. This data assumes negligible downward loss in accordance with good insulation practices.

## Appendix E:

### Supply water temperature charts

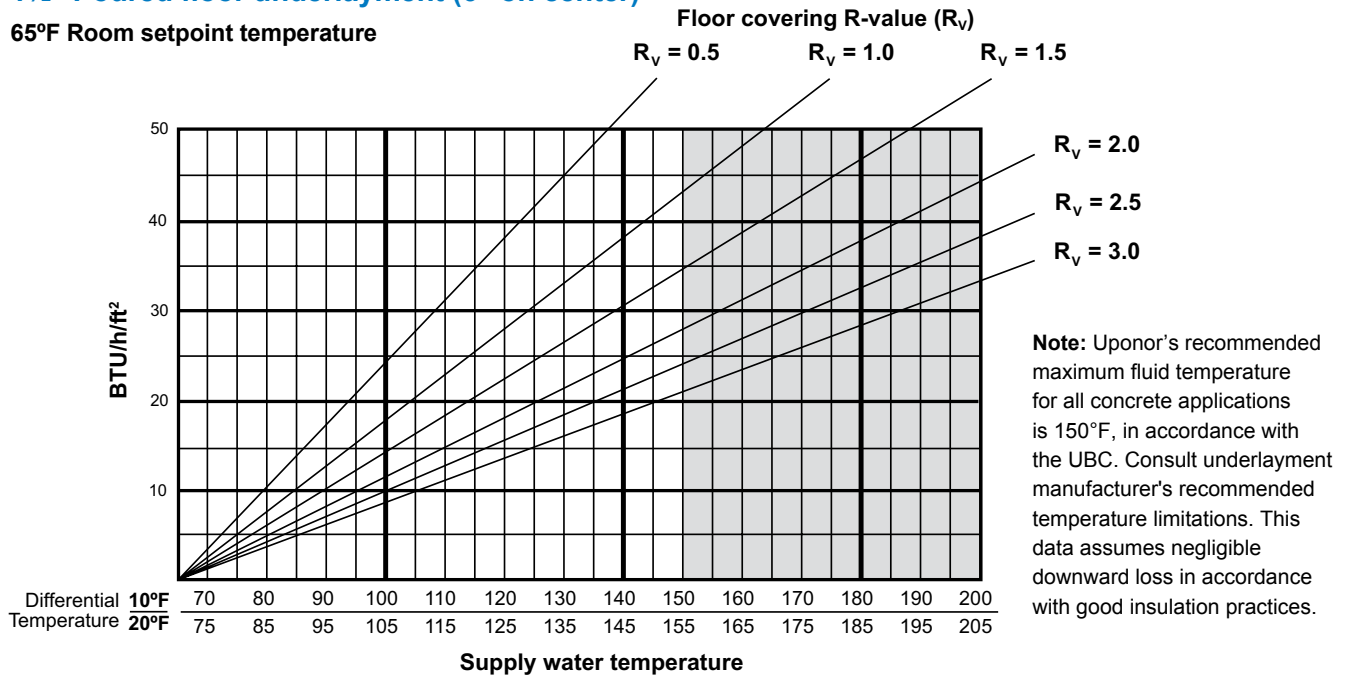
#### 1½" Poured floor underlayment (9" on center)

65°F Room setpoint temperature



#### 1½" Poured floor underlayment (6" on center)

65°F Room setpoint temperature



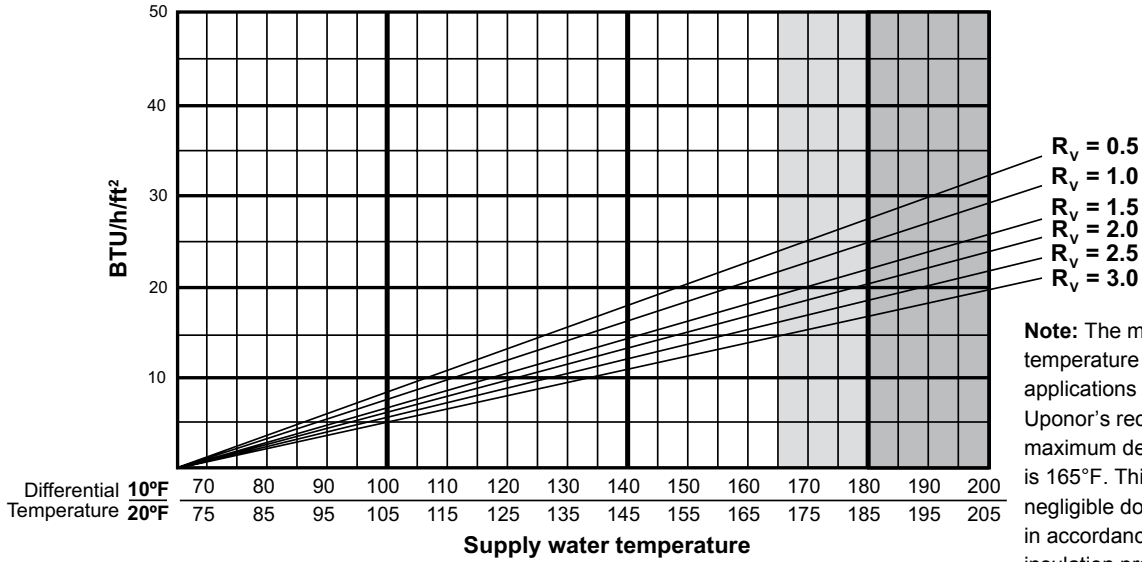
# Appendix E: Supply water temperature charts

## Joist heating — no plates (8" on center)

65°F Room setpoint temperature

Floor covering R-value ( $R_v$ )

This temperature chart has already factored in the R-value for a 3/4-inch plywood subfloor.

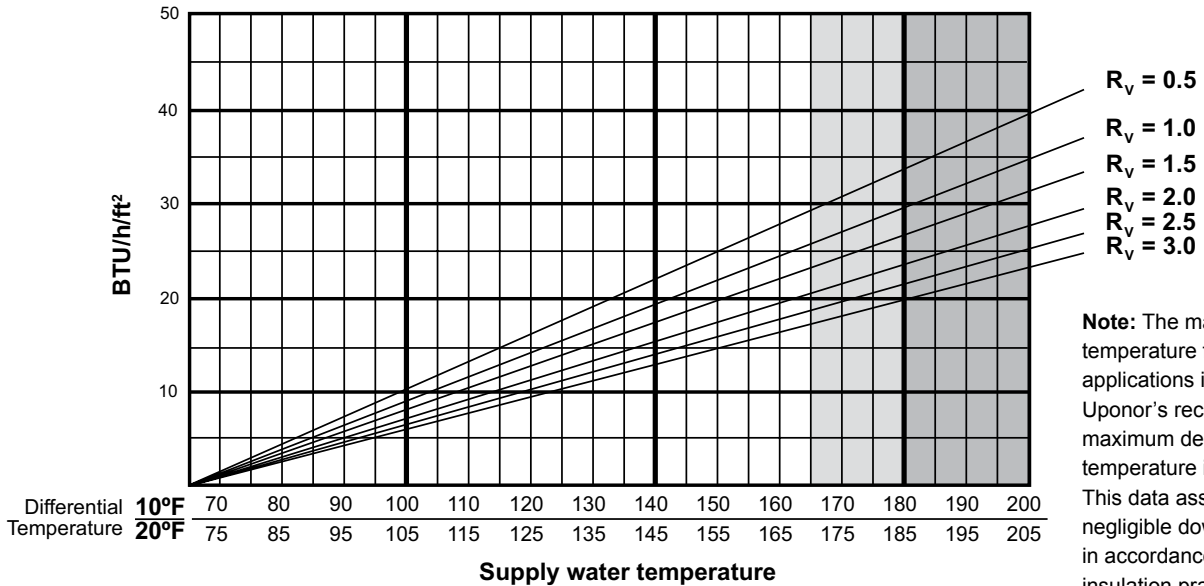


## Joist heating — double-groove aluminum plates (8" on center)

65°F Room setpoint temperature

Floor covering R-value ( $R_v$ )

This temperature chart has already factored in the R-value for a 3/4-inch plywood subfloor.



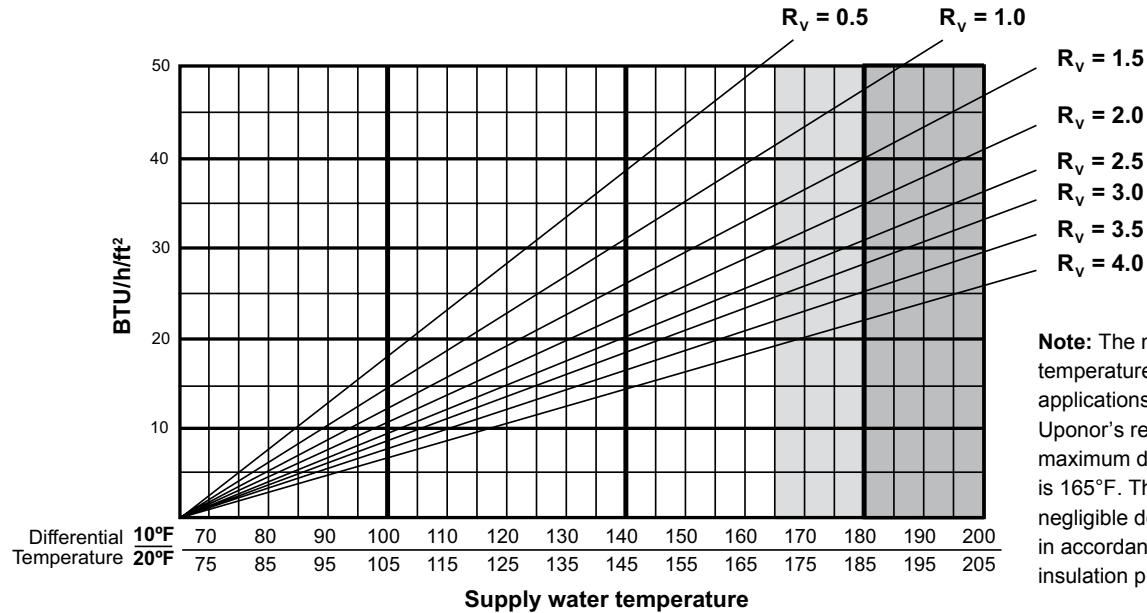
# Appendix E: Supply water temperature charts

## Joist heating — Joist Trak™ (8" on center)

65°F Room setpoint temperature

Floor covering R-value ( $R_v$ )

This temperature chart has already factored in the R-value for a 3/4-inch plywood subfloor.

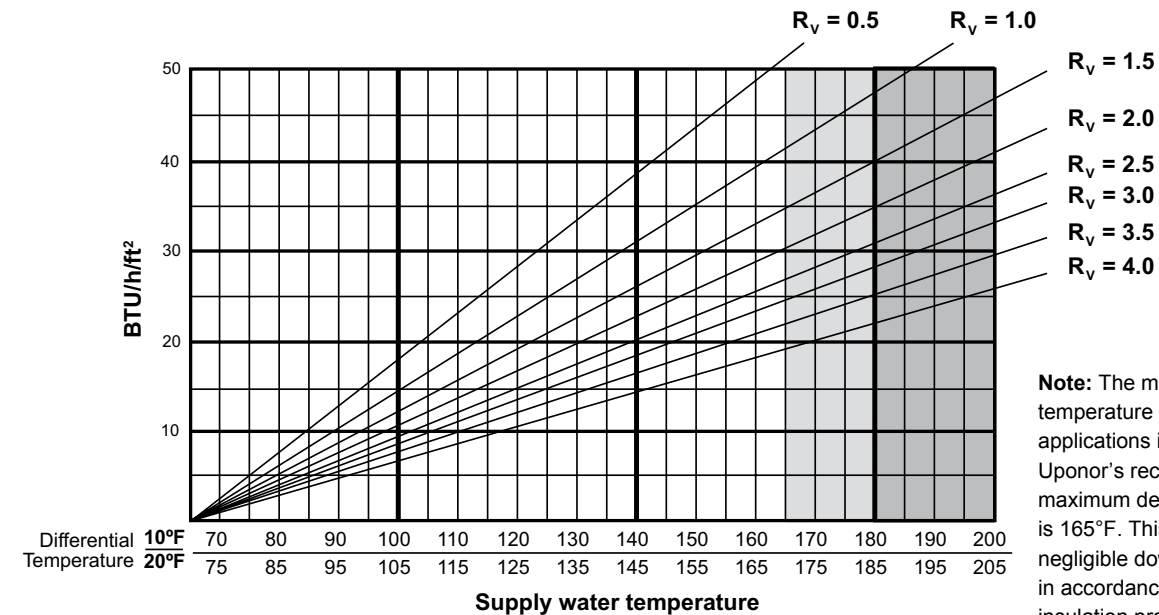


## Radiant ceiling — Joist Trak (8" on center)

65°F Room setpoint temperature

Floor covering R-value ( $R_v$ )

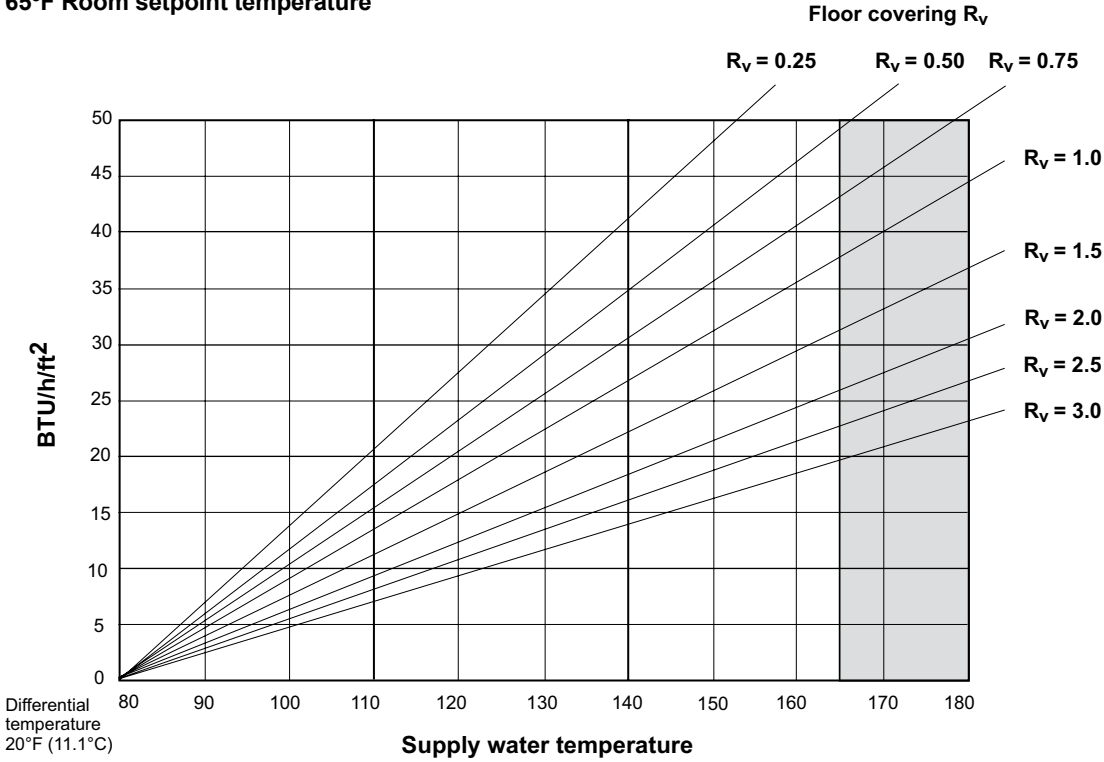
This temperature chart has already factored in the R-value for a 3/4-inch plywood subfloor.



# Appendix E: Supply water temperature charts

## Quik Trak® radiant floor (7" on center)

65°F Room setpoint temperature



## Radiant ceiling with Joist Trak plates (8" on center)

