Simple Heating System Size: Washington State
This heating system sizing calculator is based on the Prescriptive Requirements of the 2018 Washington State Energy Code (WSEC) and ACCA Manuals J and S . This tool will calculate heating loads only. ACCA procedures for sizing cooling systems should be used to determine cooling loads.

Please complete the green drop-downs and boxes that are applicable to your project. As you make selections in the drop-downs for each section, some values will be calculated for you. If you do not see the selection you need in the drop-down options, please contact the WSU Energy Program at energycode@energy.wsu.edu or (360) 956-2042 for assistance.
Project Information

| Knotz Residence |
| :--- | :--- |
| 6020 94th Ave SE |
| Mercer island, WA 98040 |


| Contact Information |
| :--- |
| Brad Sturman - Sturman Architects <br> 9 103rd Ave NE Suite 203 <br> Bellevue, WA 98004 |

Heating System Type: O All Other Systems Heat Pump
To see detailed instructions for each section, place your cursor on the word "Instructions"

## Design Temperature

Instructions $\quad$ Bellevue $\boldsymbol{\nabla} \quad 46$

Area of Building
Conditioned Floor Area
Instructions Conditioned Floor Area (sq ft)


## Average Ceiling Height

Instructions Average Ceiling Height (ft)
Glazing and Doors


Design Temperature Difference ( $\Delta \mathrm{T}$ )
$\Delta T=$ Indoor (70 degrees) - Outdoor Design Temp

