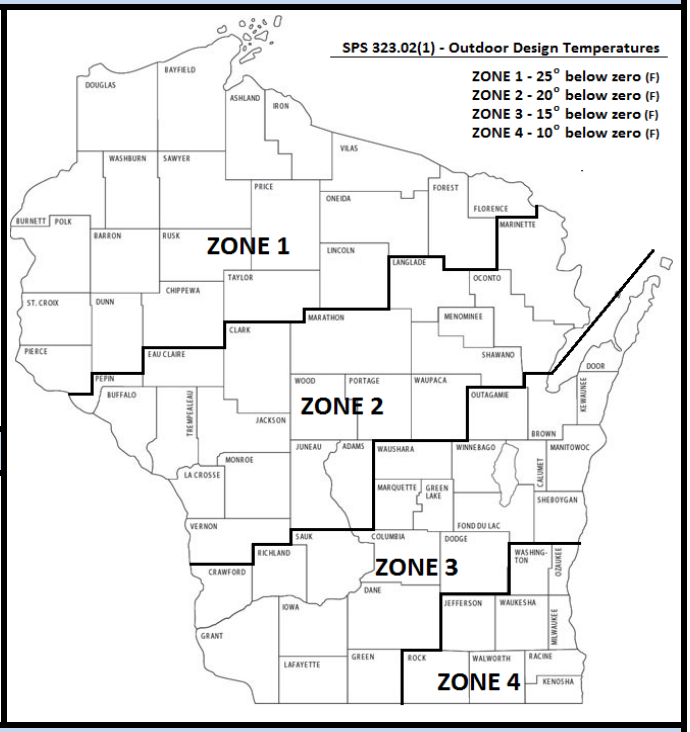
HEATING EQUIPMENT SIZING SUMMARY

General Information

Project Name/Address:	3196 AALSETH LN	
Job Site County:	Dane	
Your UA:	455	UA
Conditioned Floor Area:	4090	(ft^2)
Average Wall Height:	9	(ft)
Infiltration Rate:	0.50	(ACH)
Equipment Oversizing Factor:	15	(%)



Load Summary

Conductive Losses:	38675	Btu/Hr
Infiltration Losses:	28160	Btu/Hr
Equipment Oversizing Factor Losses:	10025	Btu/Hr
TOTAL BUILDING HEATING LOAD:	**76860**	**Btu/Hr**

How To Use the Heating Equipment Sizing Summary

1. Enter your **"Project Name / Address"**. Using the same labelling as your ResCheck makes it easier to keep track of.

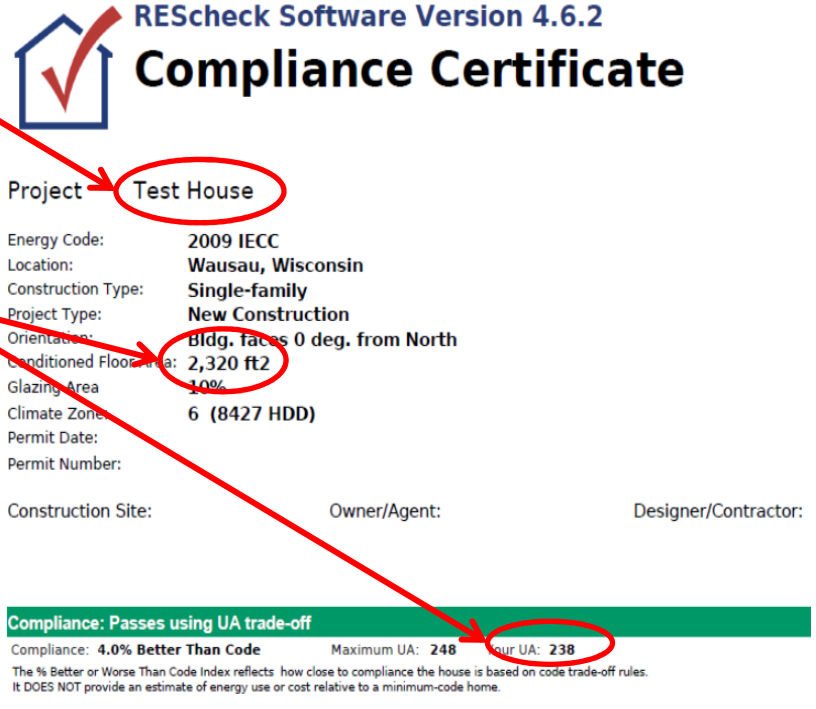
2. Select your **"Job Site County"** from the pull-down Menu. This will determine the Design Temperature based on the Outdoor Design Temperatures Map, as included. SPS323.02(1).

3. Enter the **"Your UA"** and **"Conditioned Floor Area"** numbers from your ResCheck print out.

4. Enter the **"Average Wall Height"** in Feet. This is similar to previous versions of ResCheck and will calculate the volume of building air needed for Infiltration Losses.

5. Enter your **"Infiltration Rate"**. This should be calculated at a maximum of 0.50 air changes per hour SPS322.30(2).

6. Enter an **"Equipment Oversizing Factor"** greater than 0 if you wish to generate a Btu/Hr load greater than calculated conductive and infiltration losses.


REScheck Software Version 4.6.2

Compliance Certificate

Project: Test House

Energy Code:	2009 IECC
Location:	Wausau, Wisconsin
Construction Type:	Single-family
Project Type:	New Construction
Orientation:	Bldg. faces 0 deg. from North
Conditioned Floor Area:	2,320 ft2
Glazing Area	10%
Climate Zone:	6 (8427 HDD)
Permit Date:	
Permit Number:	

Construction Site: Owner/Agent: Designer/Contractor:

Compliance: Passes using UA trade-off

Compliance: **4.0% Better Than Code** Maximum UA: **248** Your UA: **238**

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules. It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

7. "**Conductive Losses**" = Your UA x Design Temperature Difference

8. **"Infiltration Losses"** = 0.018 BTU (heat capacity of air) x Conditioned Floor Area x Average Wall Height x Infiltration Rate x Design Temperature Difference

9. **"Equipment Oversizing Factor Losses"** = (Conductive Losses + Infiltration Losses) x Equipment Oversizing Factor

10. "**Total Building Heating Load**" = Conductive Losses + Infiltration Losses + Oversizing Factor Losses