Information about use of the REScheck versions 4.2.2, 4.3.0, 4.3.1, and 4.4.0

1. When designating the applicable code in REScheck, select "Wisconsin 2009". **If the REScheck software you use does not have** the code category "Wisconsin 2009," (Click to see example - #1 below) it is not the most current version. That would be true of the REScheck-Web and REScheck Package Generation versions.
2. If the program fails via UA trade-off you will either have to increase the insulation value somewhere in structure or use a higher efficiency appliance if you have not done so already. Note that if the furnace is 95% or higher you may use the building orientation values.

3. Even though the user can check compliance with the code prior to selecting a mechanical system (Mechanical Tab), the user must enter the mechanical system that will heat the home (and the system's efficiency), so it may be shown on the energy report provided to the inspector. (Click to see example - #2 below) The only exception would for electric resistance and geothermal heat pump systems (these systems are not listed under the mechanical tab). For those systems the designer will not select any of the systems under the mechanical tab, but would add to the Project Detail a note that this other type of heating system is being used.

Please read the following points about use of the REScheck version 4.4.1.
1. When designating the applicable code in REScheck, select "Wisconsin 2009". **If the REScheck software you use does not have** the code category "Wisconsin 2009," (Click to see example - #1 below) it is not the most current version. That would be true of the REScheck-Web and REScheck Package Generation versions.
2. If the program fails via UA trade-off and the program asks you to enter the wall orientation values (Click to see example -- #3 below) you can either increase the insulation value somewhere in structure to comply with the overall UA trade-off or enter the detailed wall orientation values.

3. This step is the same used for REScheck versions 4.2.2, 4.3.0, 4.3.1 & 4.4.0.

REM/Rate is a performance method of complying with the energy provision of SPS 322. Versions 12.71 and 12.85 are those versions that have the code choice of complying with the provision of the April 1, 2009 UDC. Again, you have to look for the notation “Wisconsin 2009” on the compliance report.

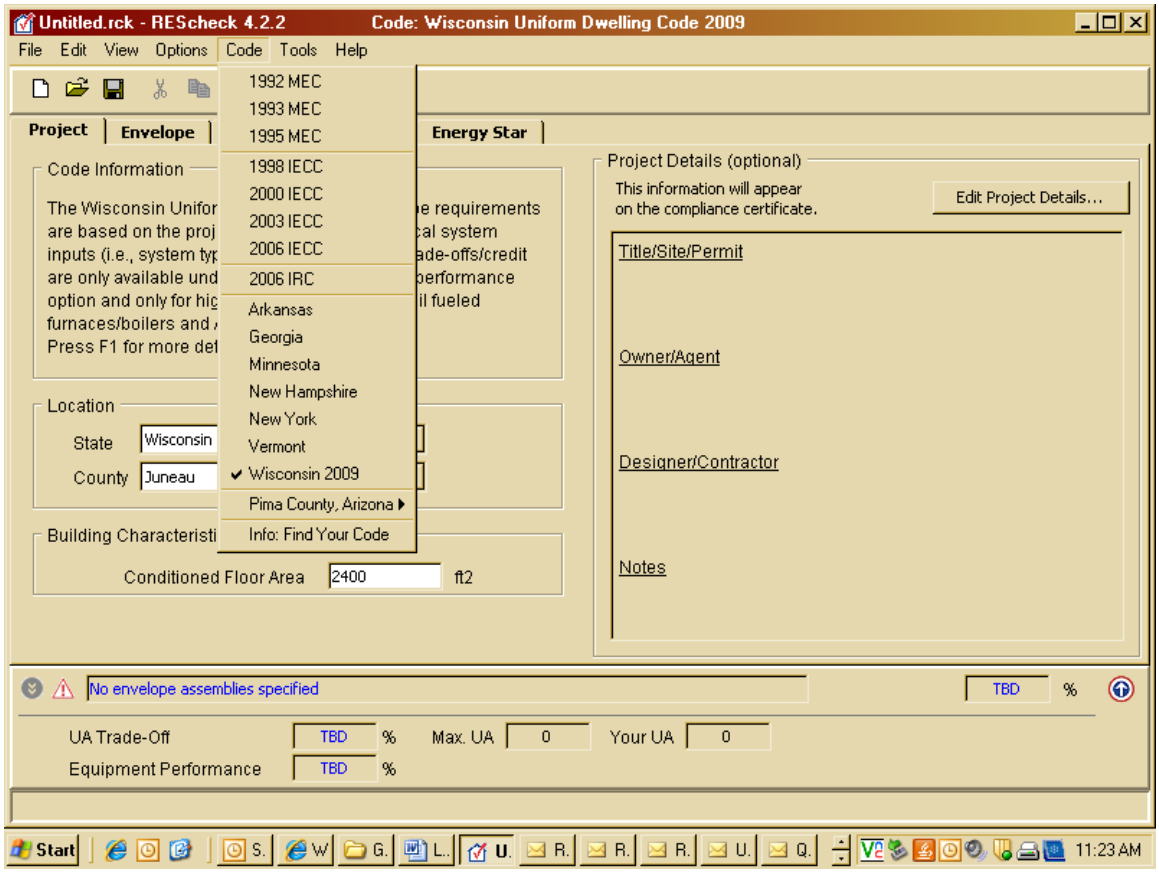
Untitled.rck - REScheck 4.2.2
Code: Wisconsin Uniform Dwelling Code 2009
File Edit View Options Code Tools Help
1992 MEC
1993 MEC
1995 MEC
1998 IECC
2000 IECC
2003 IECC
2006 IECC
2006 IRC
Arkansas
Georgia
Minnesota
New Hampshire
New York
Vermont
Wisconsin 2009
Pima County, Arizona
Info: Find Your Code
Project
Envelope
Energy Star
Code Information
Location
State
Wisconsin
County
Juneau
Building Characteristi
Conditioned Floor Area
2400
ft2
Project Details (optional)
This information will appear on the compliance certificate.
Edit Project Details...
Title/Site/Permit
Owner/Agent
Designer/Contractor
Notes
No envelope assemblies specified
TBD
%
UA Trade-Off
TBD
%
Max. UA
0
Your UA
0
Equipment Performance
TBD
%
Start
11:23 AM

Figure #1

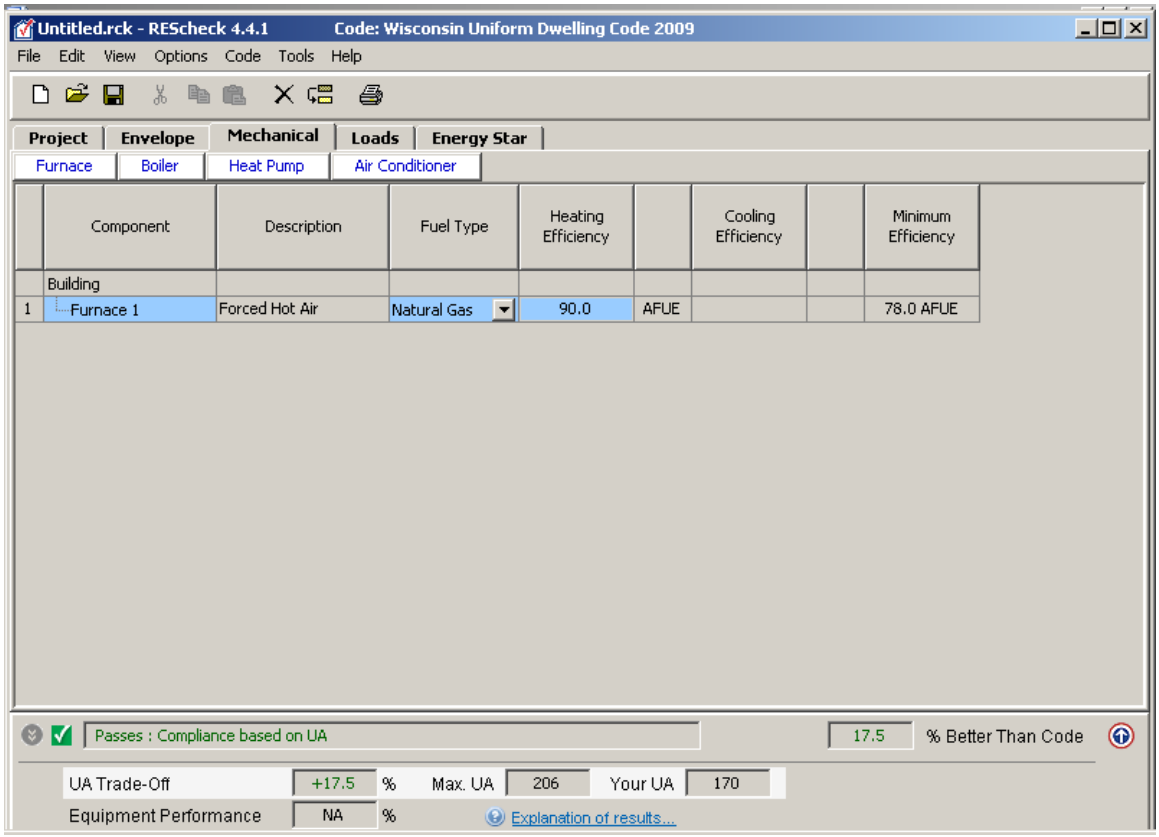
Untitled.rck - REScheck 4.4.1
Code: Wisconsin Uniform Dwelling Code 2009
File Edit View Options Code Tools Help
Project Envelope Mechanical Loads Energy Star
Furnace Boiler Heat Pump Air Conditioner
Component Description Fuel Type Heating Efficiency Cooling Efficiency Minimum Efficiency
Building
1 Furnace 1 Forced Hot Air Natural Gas 90.0 AFUE 78.0 AFUE
Passes : Compliance based on UA
17.5 % Better Than Code
UA Trade-Off +17.5 % Max. UA 206 Your UA 170
Equipment Performance NA %
Explanation of results...

Figure #2

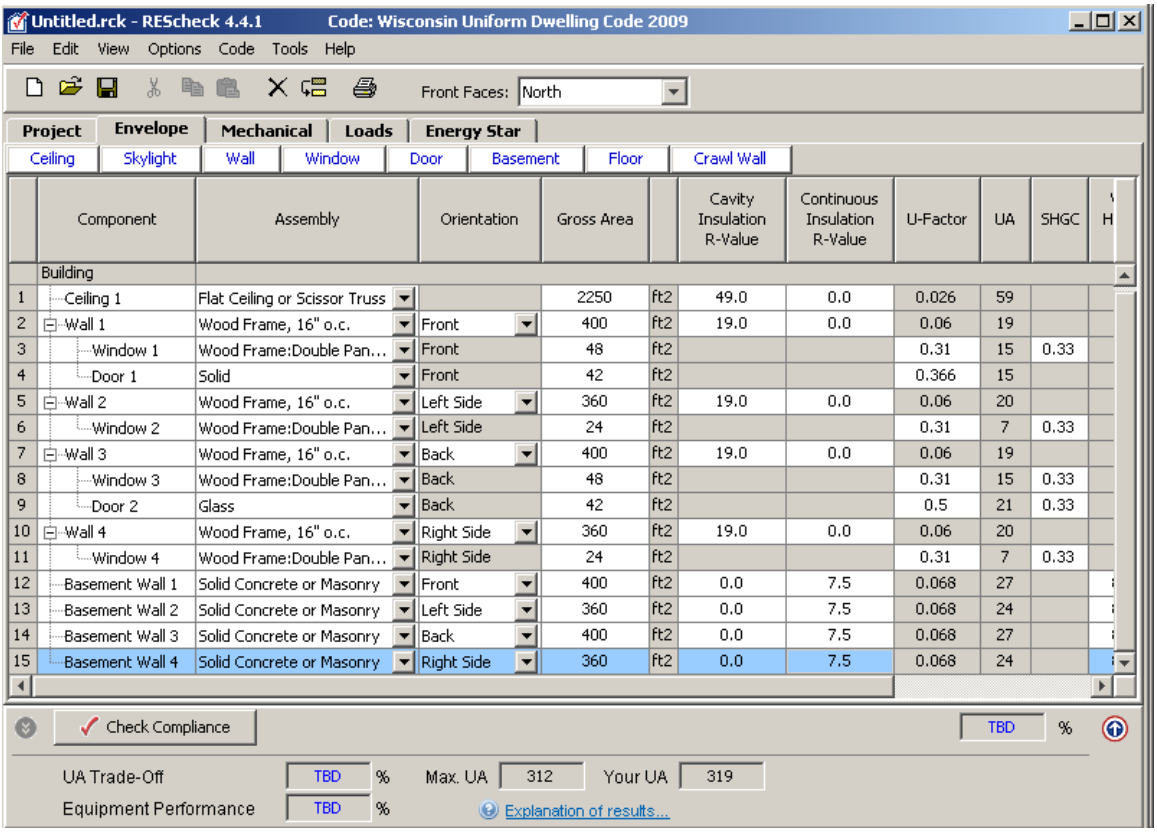
Untitled.rck - REScheck 4.4.1
Code: Wisconsin Uniform Dwelling Code 2009
File Edit View Options Code Tools Help
Front Faces: North
Project Envelope Mechanical Loads Energy Star
Ceiling Skylight Wall Window Door Basement Floor Crawl Wall
Component Assembly Orientation Gross Area Cavity Insulation R-Value Continuous Insulation R-Value U-Factor UA SHGC
Building
1 Ceiling 1 Flat Ceiling or Scissor Truss 2250 ft2 49.0 0.0 0.026 59
2 Wall 1 Wood Frame, 16" o.c. Front 400 ft2 19.0 0.0 0.06 19
3 Window 1 Wood Frame:Double Pan... Front 48 ft2 0.31 15 0.33
4 Door 1 Solid Front 42 ft2 0.366 15
5 Wall 2 Wood Frame, 16" o.c. Left Side 360 ft2 19.0 0.0 0.06 20
6 Window 2 Wood Frame:Double Pan... Left Side 24 ft2 0.31 7 0.33
7 Wall 3 Wood Frame, 16" o.c. Back 400 ft2 19.0 0.0 0.06 19
8 Window 3 Wood Frame:Double Pan... Back 48 ft2 0.31 15 0.33
9 Door 2 Glass Back 42 ft2 0.5 21 0.33
10 Wall 4 Wood Frame, 16" o.c. Right Side 360 ft2 19.0 0.0 0.06 20
11 Window 4 Wood Frame:Double Pan... Right Side 24 ft2 0.31 7 0.33
12 Basement Wall 1 Solid Concrete or Masonry Front 400 ft2 0.0 7.5 0.068 27
13 Basement Wall 2 Solid Concrete or Masonry Left Side 360 ft2 0.0 7.5 0.068 24
14 Basement Wall 3 Solid Concrete or Masonry Back 400 ft2 0.0 7.5 0.068 27
15 Basement Wall 4 Solid Concrete or Masonry Right Side 360 ft2 0.0 7.5 0.068 24
Check Compliance
TBD %
UA Trade-Off TBD % Max. UA 312 Your UA 319
Equipment Performance TBD %
Explanation of results...

Figure #3