



The Benefits of Building Better

Stuart Fix, P.Eng.



Sustainability Requirements



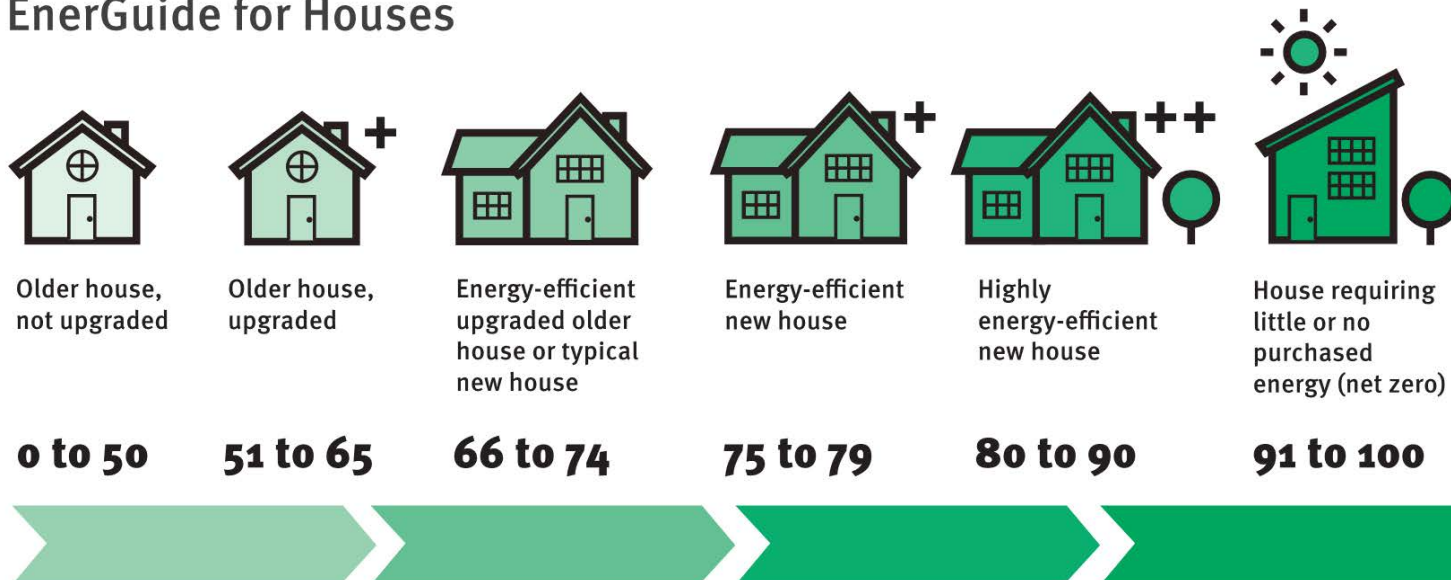
- Energuide 80
- Solar Ready

3 | ENERGY RATING SYSTEM



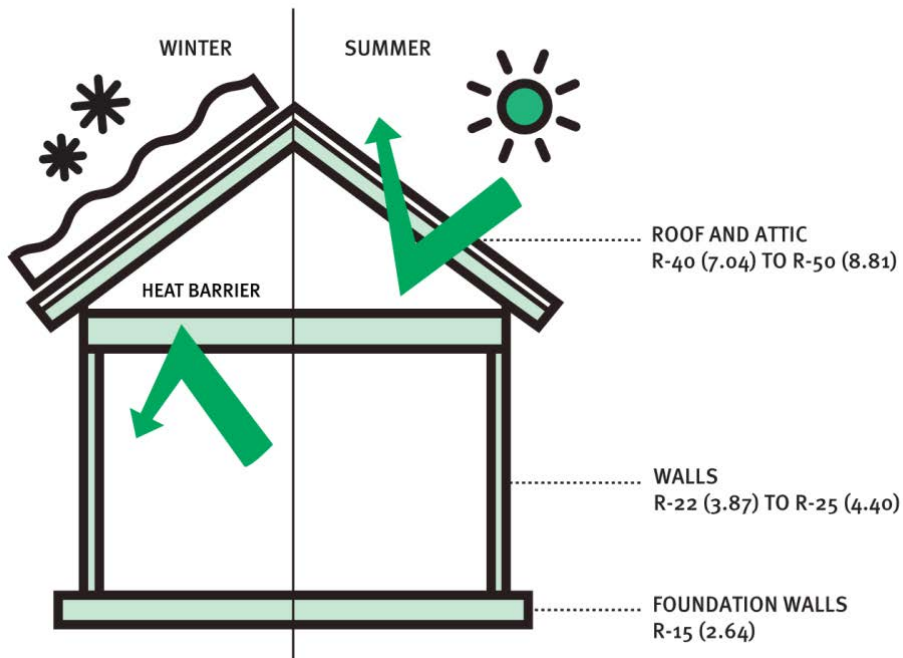
- EG 80 vs. Code Built (EG 76)
 - Save \$250/yr or \$8500 over 20 years
 - 6% Reduction in Greenhouse Gas Emissions
 - Stepping in the right direction!

EnerGuide for Houses

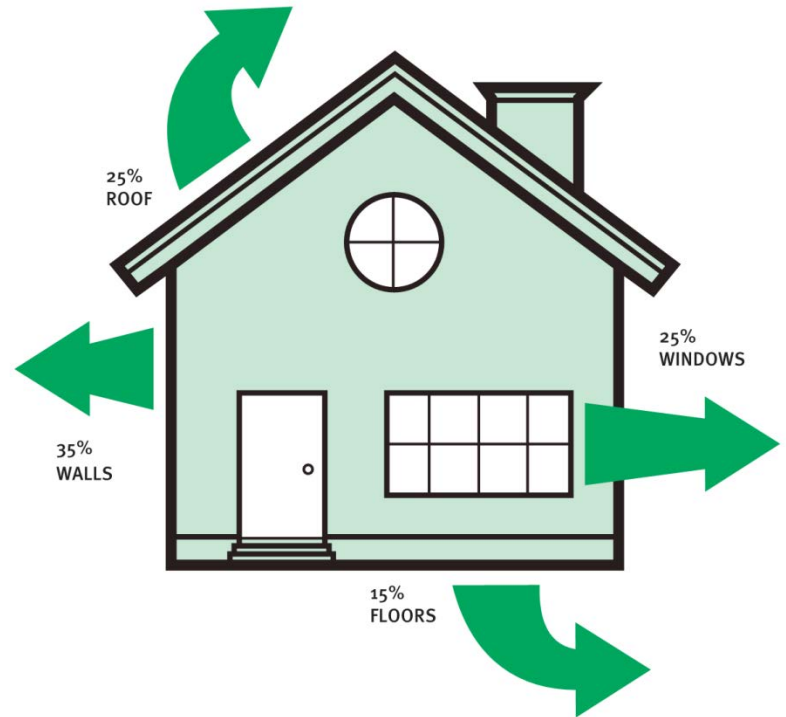


4 | BUILDING ENVELOPE

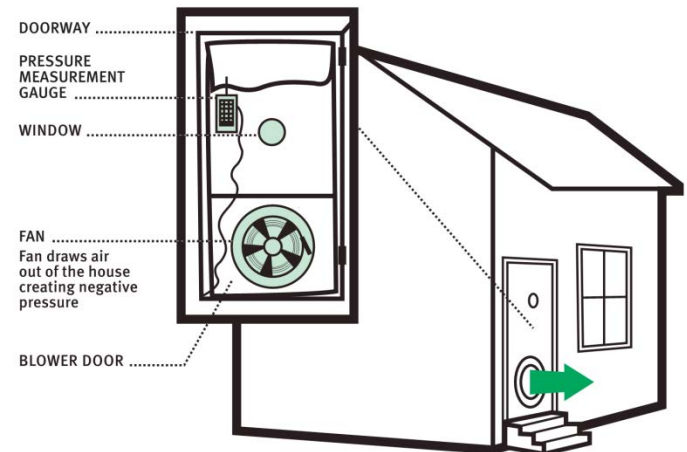
An Energy-Efficient New Home (EnerGuide 80) Achieves the Following R-values (RSI):



Where Does the Heat Go?



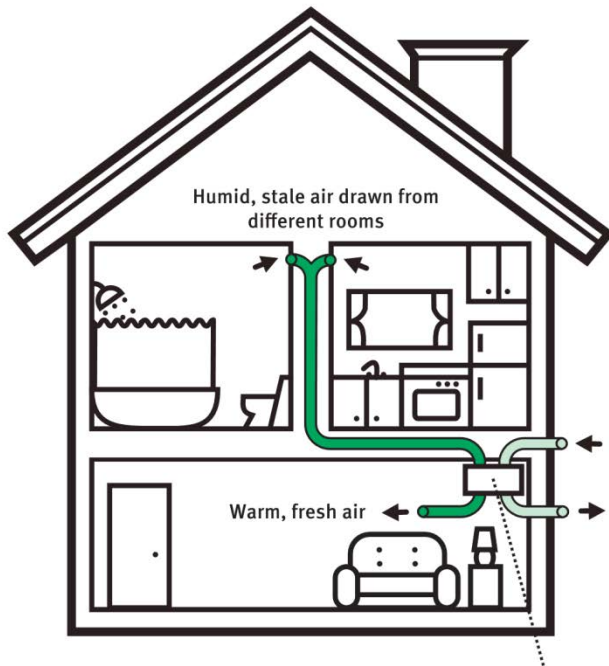
Blower Door Test: How it Works



5 | VENTILATION INFORMATION

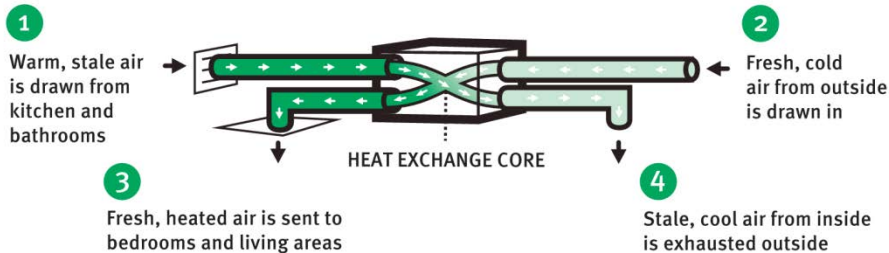


Heat Recovery Ventilator



- Fresh Air
- Filtered Air
- Healthy Home

HEAT RECOVERY VENTILATOR: HOW IT WORKS

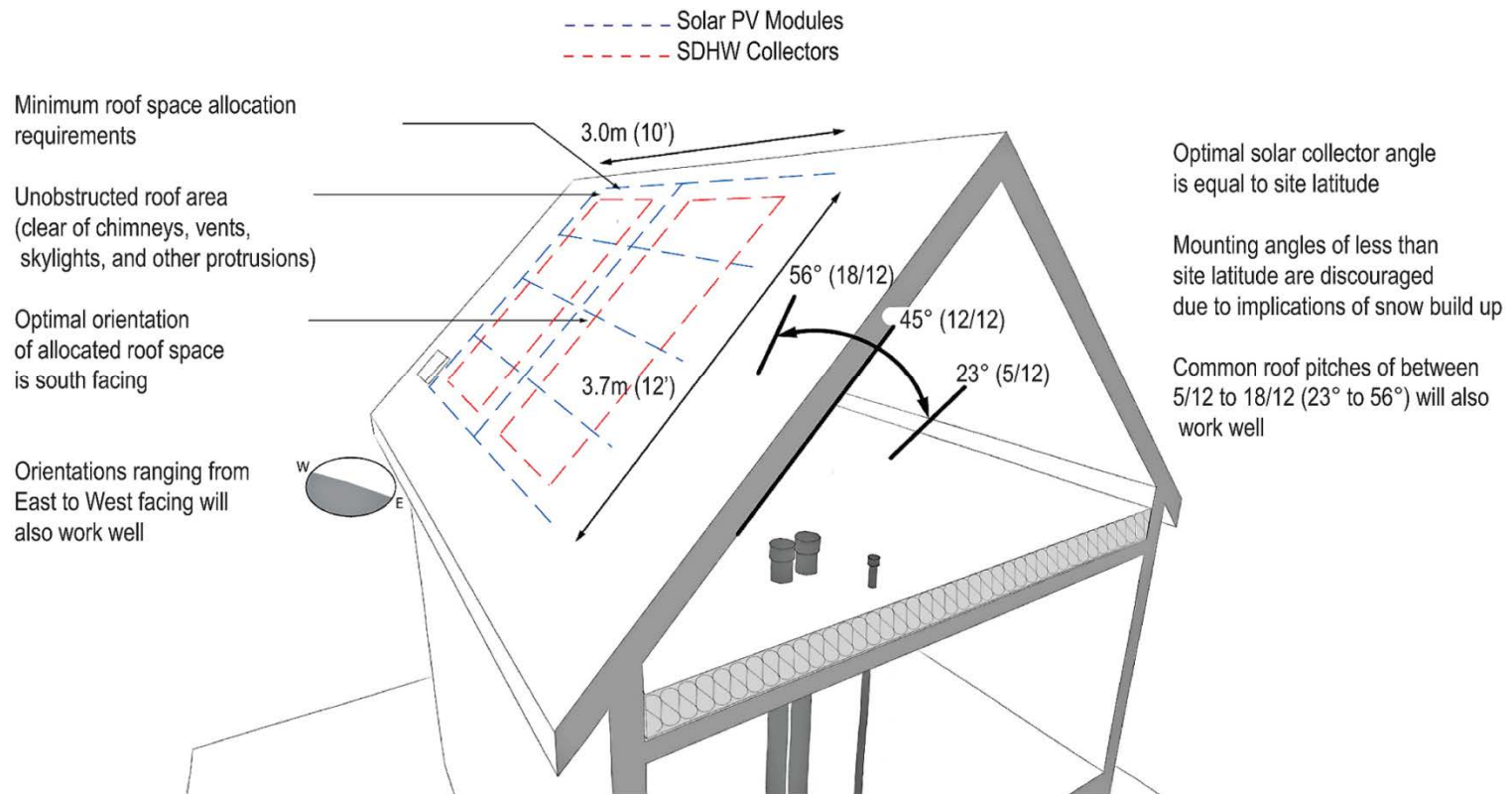


Solar Ready (NRCan Guidelines)



- Ensure that future Solar PV installations are easy & viable
- Includes available roof area, conduit run, truss verification, etc

Roof Space, Orientation and Mounting Angle



Solar Ready



- Available south facing roof area is most important!

Impossible



Great



EDMONTON'S GREEN HOME GUIDE



- Help Build & Buy in Oxford
- Copies here!
- Download at www.edmonton.ca

**BUYING, SELLING, OR RENOVATING A HOME?
CHECK OUT THESE ENERGY-SAVING **GREEN** IDEAS.**



Building Better.. Step by Step!

