

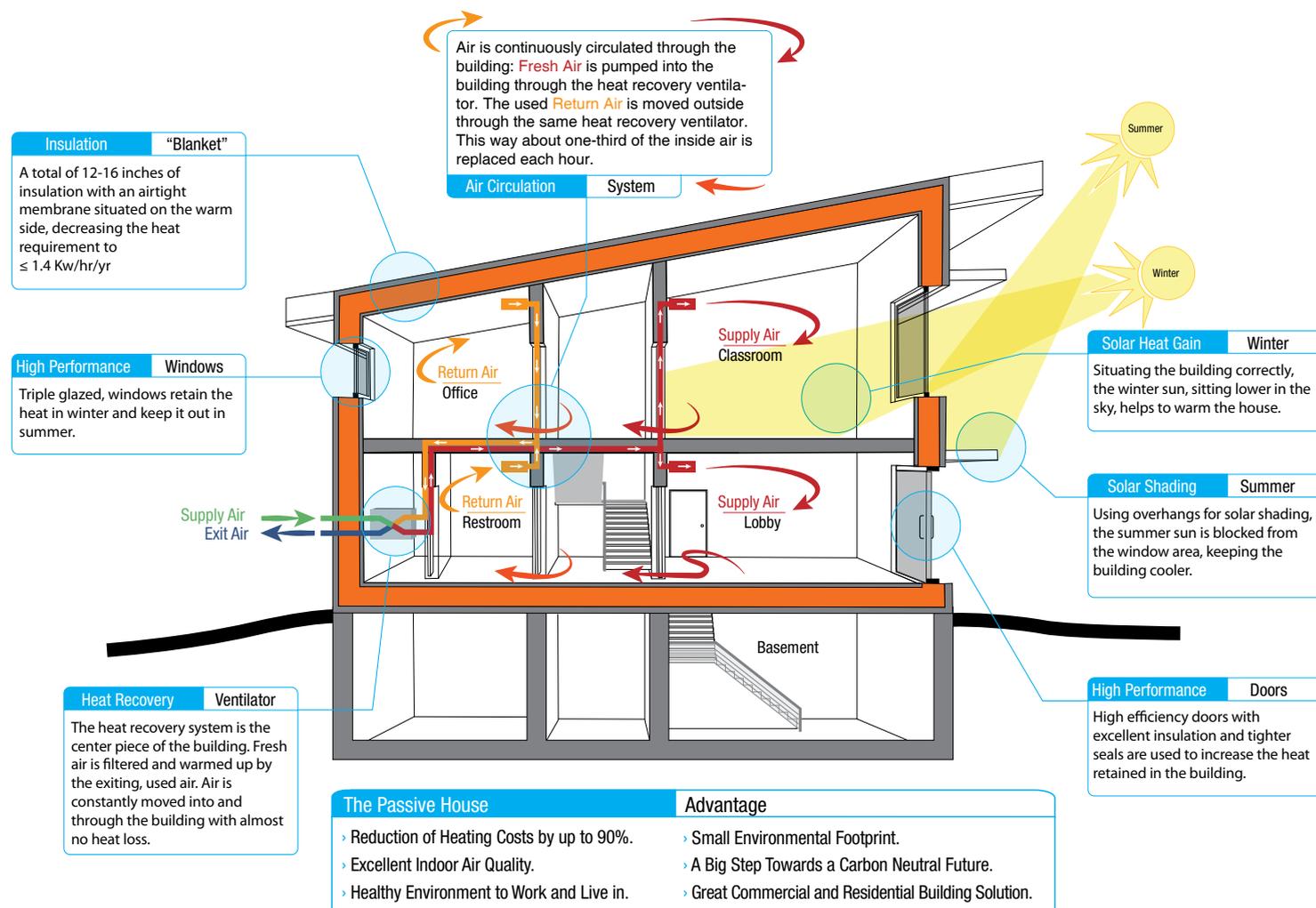


The Library Commons will be the first publicly bid building in Washington State to be certified to Passive House standards. Passive House buildings can help address the climate crisis by dramatically reducing energy demand and provide comfortable and healthy indoor environments.

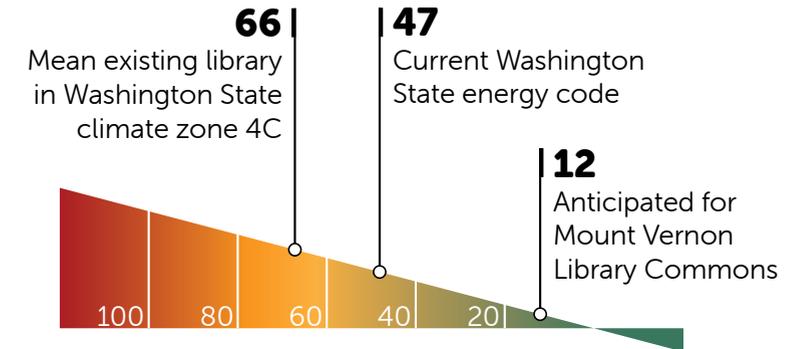
Developed in the U.S. during the Oil embargo and refined in Europe, Passive House buildings use passive solar energy, good insulation, air tightness and heat recovery ventilation for energy reduction. Abundant natural light and continuous fresh air ventilation also makes for a very healthy and comfortable indoor environment. Even though this envelope is tight, you can still open the windows if desired.

Passive House Elements

for Commercial and Residential Buildings



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* **EUI** kBtu/SF/yr
Energy Use Intensity

Less than 1/5 the energy use of the mean existing library in Washington State climate zone 4C (66 EUI)

Want to Dig Deeper?

<https://www.phius.org/passive-building/what-passive-building>

<https://passivehousenetwork.org/what-is-passive-house/>

<https://passivehouseaccelerator.com/passive-house>

<https://youtu.be/xlrgE7PEtv0>