

What's so Passive

About a Passive Home

Passive houses are well-insulated, virtually air-tight buildings and high-efficiency windows that are primarily heated by solar gain and by internal gains from people and equipment. As a result, only a small heating/cooling system is needed.

An energy recovery ventilator provides a constant balanced fresh air supply. Before moving heated or cooled air to the outside and replacing it with fresh air, the ventilator removes the heat or chill from the already conditioned air and pumps that energy into the new air coming into the house.

Passive Home Features:

- Solar thermal water heater
- Power-Pipe drain water heat recovery device
- Recycled newspaper insulation
- Certified wood floors from Zena Forest
- Old sidewalk reused for new walkway
- Stripped driveway to reduce water runoff

Home Owners:

Stuart & Sarah Evans

16th & Nebraska, Salem, OR

1,885 sq. ft, two stories

3 bedrooms, 2.5 bathrooms

Completed Spring 2010

Cost: \$300,000

Builder:

Bilyeu Homes, Inc.



Photos by: David Fox, Salem, OR