



R-2000 Homes In Vancouver Today

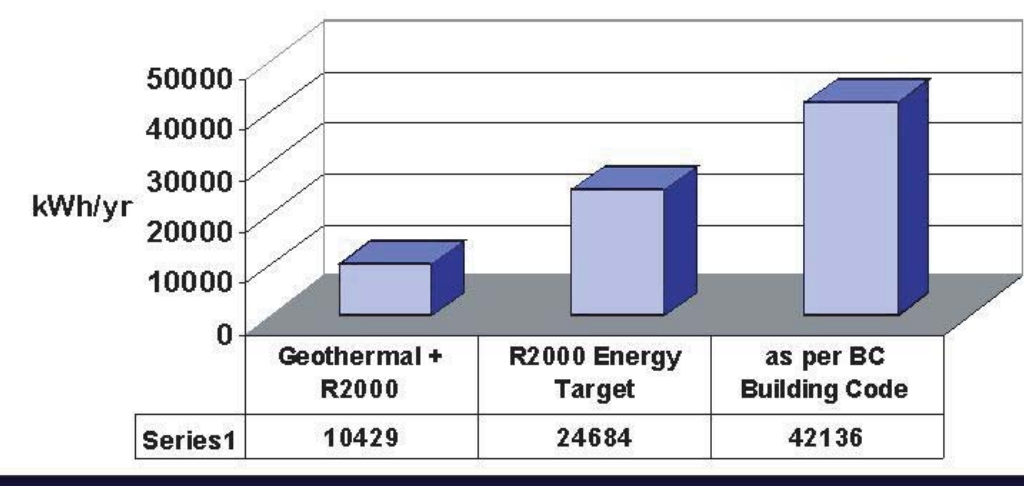
ONE COMMON STRAND...

- All evaluated, tested & certified R-2000
- All built to achieve best indoor air quality
- All built with healthy, low VOC interior
- All surpass R-2000 energy performance targets
- All built to achieve best long-term value
- All durable and seismic resistant
- All comfortable... in ALL weather



Example: a large multi-generational co-habitat

Annual Energy Consumption for Space Heating & Domestic Hot Water



Prewired to be readily upgraded to Net-Zero Energy
 Emphasis on natural daylighting
 Designed as a multi-generational co-habitat
 Waterscape designed to manage stormwater

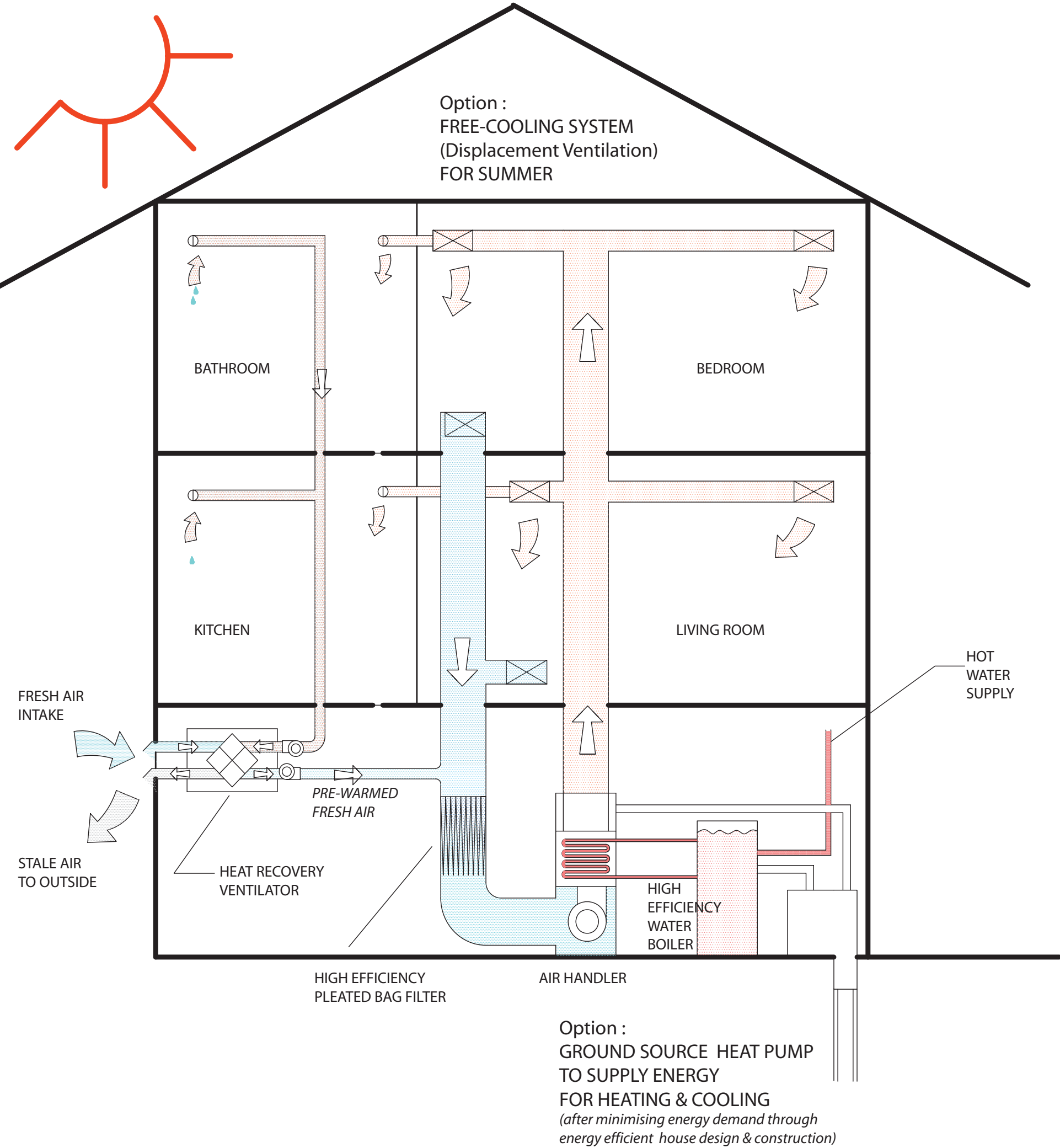


Design and Construction of R-2000 Homes in Greater Vancouver

TYPICAL FEATURES OF R-2000 HOMES

- Lumber cut wastes are sorted to maximise reuse on site
 - Airtight (draft free) building envelope
 - High performance windows meeting energy rating requirements based on local climatic conditions
 - Airtight drywall approach
 - Heating and cooling appliances properly sized ... CSA F280
 - Attention to details to achieve best indoor air quality
 - Pleated bag filter continuously removes dust, danders and pollens from air
 - A blower door test conducted on every R-2000 home to verify air-tightness of construction
 - Heat recovery ventilator ... continuous fresh air supply, and pressure balanced
 - Ventilation system designed, installed, and commissioned by an R-2000 licensed technician, and then independently inspected and tested
 - Designed for low maintenance and prepared for old age independence
 - Built for active lifestyle and active commuting and low carbon-based fuel consumption
 - More high performance/low waste Insulated Concrete Form foundation wall construction
 - More daylighting, more passive solar gain for winter and more free cooling for summer
- AND MORE

PASSIVE SOLAR HOUSE DESIGN



FULLY INTEGRATED ENERGY EFFICIENCY DESIGN & AIR QUALITY MANAGEMENT

Different needs and lifestyles... different design considerations... different aesthetics... different budgets and constraints.

Educational Guided Tours often conducted before drywall.



All follow a tradition of BEST VALUE... All R-2000... All Healthy Homes.



WISA Healthy Homes

Where R-2000 is the Minimum Standard

