



POLYCORP's Green Commitment – Green and Healthy Living

We believe it's our duty to minimize the footprint we leave on earth.

POLYCORP is proud to provide centralized heating and cooling from heat pump systems installed for the Woodman's Grove Residences complex. These heat pump systems, combined with other green features in the development, help significantly lessen our impact on Mother Earth while providing year-round comfort to residents.

Central Heat Pump System uses 25%-33% of normal energy consumption.

- Provides full ducted heating & air conditioning – heating & cooling; or radiant floor heating & cooling
- Year-round domestic hot water heating

Rainwater Recycling

- Toilets use recycled rainwater to minimize water consumption & usage of our natural water aquifer

Triple-Glazed Windows and Doors

- Reduce winter heat loss and summer heat gain through triple-glazed window and door glass with Low E and argon protection
- Triple glazing provides additional acoustic privacy

Awning Style Windows and Doors

- Awning windows with superior hardware ensure a tight seal to prevent air infiltration and heat loss

Attic Insulation

- High density polyurethane spray insulation provides superior insulation and air tightness

High Efficiency ERV – Energy Recovery Ventilation Unit

- European-manufactured ECM motor-powered ERV ensures steady supply of mechanically controlled fresh air ventilation to suites
- No exterior wall cavity to support mould and mildew growth

ICF – Insulating Concrete Form – exterior walls

- Air-tight insulation
- R50 effective insulation value

World-Class Building Envelope Airtightness

- *Sub-Passive House air leakage rates, verified by on-site independent testing*

Concrete and Steel Structure

- Minimal wood used in construction
- Longer life of building provides longer functional life to reduce environmental impact over lifespan of building

Lighting

- Common Areas: night-time setbacks
- Parkade: high efficiency LED lighting fixtures controlled by occupancy sensors
- Suites: 100% compact fluorescent or LED light fixtures and bulbs to minimize residents' individually billed electricity

Laundry – Front-Loading Washing Machines

- Front-loading clothes washers use approximately half the water and energy consumed by conventional washers
- Using less energy to run the washer and dryer means a savings in energy consumption for the central hot water heating equipment and a reduction in residents' electrical consumption

Water Conservation

- Low-flow toilets: 3.50 litre flush ultra-water saver technology.
- Ultra-low flow shower heads, vanity taps & kitchen faucets [3.7 litres per minute]

