

About the vanEE[®] Ventilation System

Clean, fresh indoor air is essential for health and comfort. Reflecting this, all R-2000 homes include a whole-house mechanical ventilation system that provides fresh air to every living area in the home.

The Ontario Lung Association of Ontario has stated that, "effective mechanical ventilation is an important part of a healthy indoor environment". As a committed healthy home builder, Teixeira Construction incorporates a number of features in every home built that help to ensure good indoor air quality. Mechanical ventilation is a key element in this approach.

The Teixeira EnviroHome is equipped with one of the most advanced systems available—a vanEE[®] Gold Series energy recovery ventilator (ERV). Located in the basement, the unit draws in fresh air from outside and exhausts stale air from the kitchen and bathroom areas. A network of ducts distributes the fresh air to every room in the home.



At the heart of the vanEE[®] ERV is a unique energy transfer core. The exhaust and incoming air pass through small channels in the core, allowing heat and humidity to move from one air stream to the other. As a result, more than 80% of the heat energy in the exhaust air is recovered, reducing the need for additional heating.

Unlike most heat recovery ventilation systems, the VanEE[®] ERV helps to maintain an adequate humidity level in the home. This reduces winter dryness and the need for supplementary humidification.



A Home
with a
Difference

