



What is the Building Envelope?

The **Building Envelope** is the outer layer of the home - Walls, roof, windows and doors. It separates the inside from the outside environment.

The better it is, the more comfortable the home will be:

- Warmer in winter
- Cooler in summer

Two Important Factors:

Airtight construction:

Air that leaks in and out of your home wastes energy. Air and vapour barriers, insulation and air sealing help to achieve a house that is airtight.

Good ventilation:

The more airtight a house is, the more important good ventilation is in providing fresh air. **Heat Recovery Ventilators** provide fresh air, while recovering the heat from stale air. Fresh and stale air pass by on opposite sides of a membrane, so that the heat is transferred, but the air does not mix.

