Rossland • 2024

Young family in Rossland century-old home finds a simple fix for cold feet

RETROFIT assist
Get in your comfort zone

Owners: David and Hannah

David and Hannah's home in Rossland has the charm of a turn-of-the century heritage home without the creaky single-pane windows and newspaper insulation. While the house was originally built in 1910, it was extensively renovated in 2009, so home improvements were not on the couple's radar.

But with hotter summers, a baby on the way, and new rebates in the market, they began to explore the idea of installing a heat pump. They knew they'd enjoy the addition of cooling, improved indoor air quality and more efficient heating in the winter.

That's when they turned to **Retrofit Assist**.

As part of the program, they met with an Energy Advisor who explained that, while a heat pump is a good idea, their home could benefit more immediately from an insulated crawlspace. It being more affordable too, they switched gears and pursued the insulation project.

This simple update is providing David, Hannah, and their new baby, with a noticeably warmer living space. The couple is also enjoying lower energy bills, especially as winter sets in.

Energy use
↘ 39%

Air leakage
↘ 2%

Carbon pollution
↘ 59%

Rebates Earned
$3090

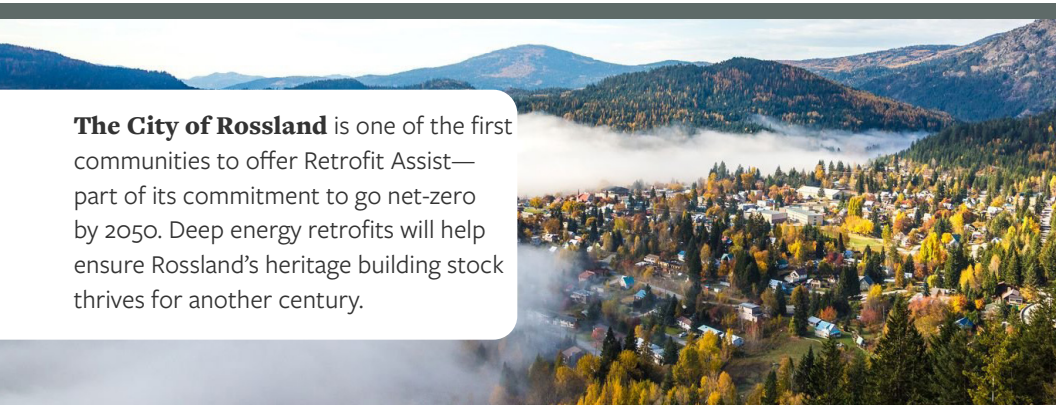
"The floors are definitely warmer now." —*David Linton*

David & Hannah's Journey with Retrofit Assist

Application	David and Hannah applied to Retrofit Assist in March 2023, looking for support purchasing a new heat pump.
Energy Assessment	Retrofit Assist's designated Energy Advisor conducted an EnerGuide home energy assessment. Without Retrofit Assist, they never would have known about this valuable service.
Contractor Quotes	They contacted Retrofit Assist authorized contractors for estimates on a heat pump installation. However, the cost and required structural changes were more than they could handle. Their Energy Advisor suggested that crawlspace insulation would be the easiest way to improve their home's comfort.
Work	In summer 2024, **Ewing Insolutions** installed a vapour barrier and used closed-cell spray foam to insulate the crawlspace to R-24, reducing heat loss, humidity and radon gas infiltration.
Rebates	Canada Greener Homes and CleanBC provided rebates covering roughly half the project's cost.

"The notion of having an EnerGuide evaluation—even just working with an Energy Advisor—was all new to us. It was great to have someone tell us where to start and what grants we'd be eligible for."

— David Linton



The City of Rossland is one of the first communities to offer Retrofit Assist—part of its commitment to go net-zero by 2050. Deep energy retrofits will help ensure Rossland's heritage building stock thrives for another century.