



When it was time for this 2,400 square foot bungalow built in 1975 to address its out of date heating system, the homeowner in Priddis, Alberta, chose a geothermal heat pump. This heating source works in harmony with several highly efficient features that were installed at the same time, such as spray foam insulation to minimize heat loss.

This retro-fit used the existing ductwork in the home, and modified it slightly to accommodate the upgraded capacity for heating and cooling. The Nordic® liquid-to-air heat pump (R Series) provides four tons of geothermal capacity, and draws on four boreholes drilled to 200 feet each. Previously, the home had no air conditioning capacity but now the homeowners control both heating and cooling through forced air, ensuring their home is at a comfortable temperature, regardless of season.

“The geothermal system works very efficiently and provides for better air circulation and more even temperatures throughout the house! — Sharon

The Result

The Nordic® liquid-to-air heat pump now offers improved air quality and the option to control the heat as well as air conditioning, a feature that the previous system did not offer. The heat pump also provides pre-heated hot water for domestic use, helping maximize the homeowner's electricity consumption.

This Nordic® liquid-to-air heat pump was installed by Thermal Creek. Find your **local Nordic® dealer** today! Or, **contact Maritime Geothermal Ltd.** for more information.