

User Experience



Smoky wood-burning heaters are a major problem in NZ, with poorly insulated homes. Taumarunui is a poorer air quality area. This prompted Horizons Regional Council and Ruapehu District Council to join with Waikato Primary Health Care, Waikato District Health Board and Tamariki Ora TCKT to create a Taumarunui Warm Air Homes Air Quality Pilot Study.

The results of the study of a typical kiwi home fitted with better insulation and the latest Bonaire Central Heating System, running off LPG, has provided a tangible solution to all of the problems facing New Zealand.

Prior to installation the family had been emptying their dehumidifier three times a week. They now find themselves emptying it once every two weeks.

The really great news for the family is that everyone has benefited from the system, all rooms are warm within 10 minutes and everyone feels healthier, especially the youngest occupant whose asthma attacks have ceased since the system was installed. This has meant much more comfortable nights with uninterrupted sleeps for all.

The running costs have been lower than expected; typically \$100 per month to replace a 45kg LPG bottle and the coldest spell over 5 weeks only required two bottles. The Government wants to reduce the cost of health services associated with poorly insulated and heated homes, reduce emissions from solid fuels and meet increasing peak demands. The Taumarunui Warm Air Homes Air Quality Pilot Study has shown that gas is able to provide a solution to meet all the Government's objectives.

