

Better system control = greater system efficiency.

You can very easily install a system that will heat your home but, without adequate control you may well end up with large energy bills and inadequate heating.

In Europe and in the UK Heating engineers are formally trained, system control is mandatory. Unfortunately here in New Zealand there are no set rules for control of heating systems which can unfortunately result in a lack of control efficiency..

In addition, there are some contractors actively installing heating systems, without the depth of knowledge required to fully understand system control feature principals.

Every system should have control to suit, the use pattern of the occupants, and the buildings characteristics and perhaps most importantly controls that are understood by and interacted with by the user.

For underfloor systems, the more you can separate a house up into control zones the better. Every bedroom and bathroom should be its own control zone, as should each isolatable living space. It can even be advantageous to have two controls over a large area of open plan living.

by example; There is nothing more frustrating for the end user who wants a warm tiled floor in the en-suite, but because they are not separately controlled, can't have this without the bedroom becoming uncomfortably warm.

Controllers for Under-floor come in various types from simple air sensing thermostats though to those with programmable daily settings and with the option of floor and/or air sensing. We recommend you always opt for those with the ability to sense either air or floor temperature.

Radiator systems should always incorporate a master programmer/thermostat. You should consider forming two control zones one living areas and one for bedrooms so that their heating can be set to best suit the times it is required. With a manifold to radiator system it is even possible to introduce individual room by room time control.

Thermostatic valves save energy and should be fitted to all radiators.

Nothing beats a warm, cozy home. We can help you identify and specify the controls that will give you both the features you require and efficiency you deserve.