

# Are you in **control**?



Is your central heating bill **too expensive**?

Do you heat your **whole house** when you turn your central heating on?

Do you have **no control** over your **hot water**?

Are you concerned about **conserving energy**?

Do you feel your house gets **too warm**?

If you answer **yes**, to any of the above, then **installing a control system** could help solve the problem.

## What is a control system?

- A control system controls your central heating system.
- With a control system, you can heat one area of your house without heating the whole house.
- You can also heat your hot water independently i.e. without turning the heating on.

## What does this mean?

- This means you don't use as much gas as you are only heating whichever area you need to and not the whole house.
- You are saving on your gas bill.
- You are conserving energy and not wasting hot water.

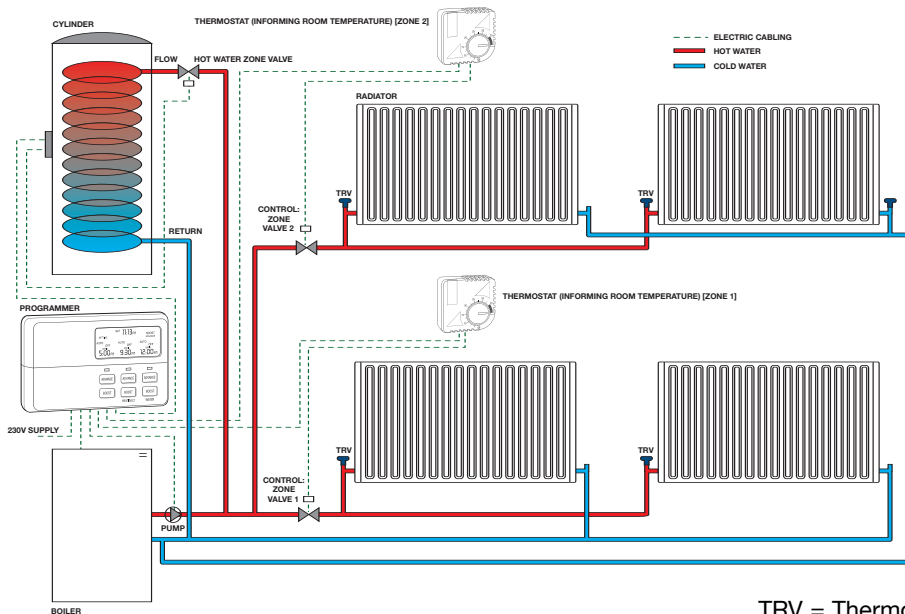
## How does it work?

- There is a control system now available with a unique programmer. It is designed for use with fully pumped central heating systems using 3 separate 2 port zone systems.
- The programmer has a 7 day setting and 3 independent channels e.g. hot water and 2 separate heating zones, for example the 2 zones could be upstairs and downstairs.
- The 2 separate heating zones and your hot water are independently controlled and timed.
- The control system also includes a temperature gauge. Once the required temperature in the room is reached, the system stops burning more gas to create more heat. The same applies for hot water, once a certain temperature is reached the water is not heated anymore, which is of paramount importance to avoid scalding. Control should be on the basis of room temperature and stored water temperature.

WITH A CONTROL SYSTEM INSTALLED YOU CAN SAVE ENERGY ALL THE TIME.  
**THIS WILL PRODUCE SAVINGS ON YOUR GAS BILL.**

**CALOR**

# ZONE HEATING SYSTEM



## Part L of the Building Regulations (ROI) 2002 states:

“Where the dwelling floor area exceeds 100m<sup>2</sup>, control on the basis of two independent zones will generally be appropriate”.

## Part F3 of the Building Regulations (NI) 2000 states:

Reasonable provisions shall be made in any building or, as the case may be, in any dwelling for the purposes of the conservation of fuel and power to -

- a) regulate the output of a space heating system; and
- b) limit the temperature of stored hot water in a hot water supply system, by means of automatic controls.

What this essentially means is that, for a house (which is over 100m<sup>2</sup>, i.e. most houses), you should install a control system which gives you control over 2 separate areas in the house. Regulation is written in this area because control systems will help in the long term conservation of energy.

## No control system?

If you did not have a control system installed when your home was being built, you can now have a ‘wireless control system’ retro-fitted. What this means is that the control system will be installed with minimum fuss i.e. your house will not need to be re-wired for controls.

Contact Calor on any of the numbers below or your local plumbing supplier.

The control system referred to in this leaflet is from ‘Horstmann Controls Ltd’. Suppliers of this control system are as follows:

**Heat merchants • Heating Distributors • Any Nationwide Electrical Wholesalers**

(01) 450 5000 (Dublin)  
 (028) 9045 5588 (Belfast)  
[www.calorgas.ie](http://www.calorgas.ie)

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