

HYDRONIC HEATING



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The most stylish and luxurious form of home heating.



Nothing is more comforting and relaxing on a cold winter's day than to be cosy and snug, bathed in the clean convenient warmth which only Hydronic heating can provide. When it comes to the health and wealth of your family only efficient, clean hydronic heating provides the solutions.

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WHAT IS HYDRONIC HEATING?

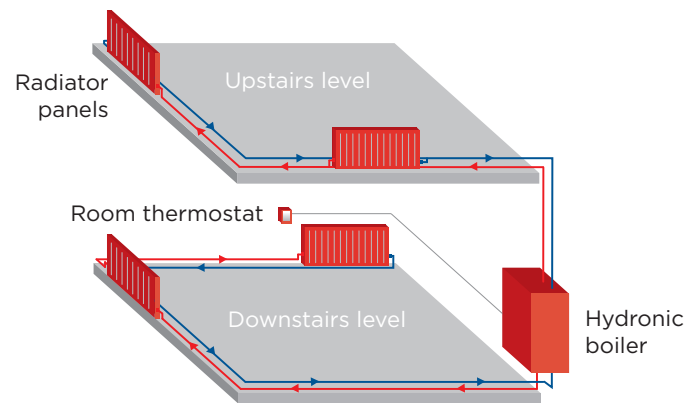
Hydronic heating is simply the use of water to heat your home. A central boiler heats the water that is circulated throughout the building using a network of pipes to an outlet. An outlet can be a radiator panel, in floor trench convector, in slab floor coil, or a combination of.

Hydronic heating is a proven age old method of heating your home used worldwide and has been the most common form of heating in Europe for over 100 years; it even dates back as far as Roman times!

It has evolved over the years to be one of the most efficient, controllable and comfortable ways to heat your home. Today's systems are full of technological features to make them reliable, safe and efficient to run.

Whilst hydronic heating is suitable for all homes it is particularly suited for larger homes and those homes with high ceilings due to hydronic heating providing a radiated heat that heats the fabric of the building and the space as opposed to just the air like a ducted

warm air heating system. Over the years it has evolved to be one of the most efficient, controllable and comfortable ways to heat your home; the numerous options available means there is a hydronic heating system to suit every home.



FEATURES & BENEFITS OF A HYDRONIC HEATING SYSTEM:

Efficient

Hydronic heating is one of the most energy efficient ways to heat your home; the gas boilers used today have efficiency ratings of 80-95% (Taken from the U.K Sedbuk test results. www.sedbuk.co.uk). As technology advances and hydronic heating boilers provide greater efficiency the boiler alone can be replaced improving the efficiency of the system further. If a High Efficiency boiler, one that has an efficiency rating of over 86%, is installed then running costs will be reduced further; a benefit for your pocket as well as the environment.

Hydronic heating can be easily zoned, this means the ability to independently control the heat requirements of each individual room to suite your family's needs increasing the efficiency and effectiveness of the system and thus reducing your fuel bills.

Whilst Hydronic heating systems use water to provide heat, the water is constantly recycled and circulated through the system having no further demands on water usage apart from only requiring a small amount of water to top up the system at yearly service intervals.

A new hydronic heating system costs significantly less to run than a ducted gas system, around 20% for homes with 2.7m ceilings and for homes with higher ceilings this saving increases to around 40-50%.

Clean & Healthy

With the estimated figures of 1 in 9 people suffering from Asthma or allergies Hydronic heating has long been recognised for its benefits over ducted forced draft systems; hydronic heating does not force air around the home thus eliminating the creation of

a dry, humid or dust filled environment that are often triggers for asthma and allergy sufferers. It is for these reasons hydronic heating systems are the system of choice in the health industry.

Hydronic heating uses nature's own methods of radiation and convection to heat the fabric of the room (the walls, floors etc) as well as its contents (furnishings etc) and not just the air providing a soothing and comforting heat. Hydronic heating does not use a fan to distribute its heat meaning it is virtually silent in operation, further adding to your comfort.

Versatility

Hydronic heating lends itself to period renovations to cutting edge architectural homes and can be fitted to both existing and new homes alike. It offers great flexibility in that it can be extended or altered at anytime to fit your family's requirements and needs. It is ideal for 2 storey homes, especially where space could be problematic as hydronic pipe is considerably smaller than duct work of a warm air system.

Stylish

With a range of outlet options available you can choose to have from period cast iron panels to innovative designer panels more reminiscent of a work of art than a heating outlet in a range of colours to suit your décor, or you can choose to have no visual panels at all by installing in floor trench convectors or an in slab floor coil system; hydronic heating really is the most stylish and luxurious form of home heating.