

A woman with dark hair, wearing a light blue sleeveless top and white pants, is sitting on a woven rug. She is holding a white bowl filled with a salad of tomatoes and cucumbers. She has her eyes closed and a peaceful expression, with her hand resting on her head. The background is bright and out of focus, suggesting a window or a bright room.

Underfloor Heating

The Complete Gas Solution

Gas

Gas MAKES a world of *difference.*

The Complete Service for *Underfloor Heating*

A *New* Kind of Freedom

The joy of building an individual home is the ability to choose every aspect of its design.

At Gas, each underfloor heating system is designed for your needs and we can cater for projects of all sizes from complete houses to conservatories and extensions, both new build and conversion.



IMAGINE, NO MORE
LIVING SPACE WASTED
ON RADIATORS.

Space and Warmth, *Naturally*

Underfloor heating works by pumping controlled flows of warm water from a boiler through plastic tubing embedded in the floor. Because the emitting area is large, the warmth provided is sufficient even on a cold winter day without the need for an extra heat source.

No more radiators

The absence of obtrusive radiators releases wall and floor space, giving freedom of design and extra space for furniture.

Natural radiated heat

Underfloor heating warms the lower part of the room, giving a feeling of natural warmth with no stuffiness or draughts.

Individual design

Each system is individually designed for optimum performance.

Better efficiency

Features which enhance comfort also reduce running costs, whilst the lower return temperatures of the water flow increase the efficiency of condensing boilers.

System Design and *Installation*

Covering all the *Angles*

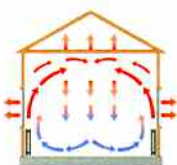
System components are carefully selected with an eye to efficient yet easy control. Each system is designed individually. Full installation instructions are provided, not only for the underfloor heating but also showing how it integrates with the domestic water supplies.

Control

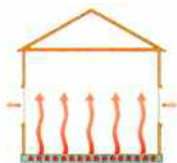
Discreet dial thermostats, wall mounted usually near the light switch, give simple setting of the temperature in each individual main room. You are in control.

FastFlo, System design

(The calculations are not simple. Rule of thumb is not good enough.) The sophisticated design starts with specialised calculations on building heat loss which are used to determine the tube spacings, coil lengths, water flows, water temperatures, system pressure losses and pump and boiler sizing. This process ensures the system will give the necessary output from the floor, even on the coldest day.



CONVENTIONAL



UNDERFLOOR

UNDERFLOOR
HEATING COMPARED
TO A TRADITIONAL
RADIATOR CENTRAL
HEATING SYSTEM

Boiler Systems

The system can use any normal boiler type but the low temperature operation of underfloor heating makes some models better suited to it than others. Our technical department will be pleased to discuss your boiler choice with you.

Combination boilers without storage cylinders or other boiler types with vented or unvented cylinders may be used.

Any Floor, *Anywhere*

Installation in almost *any* Floor

Underfloor heating is suitable for almost any housing needs including conversions, refurbishments and extensions. It can be installed upstairs as well as down, with equal advantage.

Because of the radiant heat produced, underfloor heating is very effective in areas with high ceilings.

Underfloor heating is popular in conservatories where it is difficult to find places for radiators and they normally have screed floors, often tiled, so heat transfer is good.



Few floor covering restrictions

A wide range of floor coverings may be used, including good quality carpet and underlay. Although all carpets act as an insulator, if simple guidelines are followed the efficiency of underfloor heating will not be affected.



The low surface temperature of underfloor heating presents no problems with timber floor provided that the timber is well seasoned or kiln-dried and sensible procedures are followed to prevent the timber from taking up moisture from the building.



MOST FLOOR TYPES ARE SUITABLE FOR UNDERFLOOR HEATING, INCLUDING PAVED, CARPET AND WOOD

The *Next* Step

For a free, no obligation quotation for the supply of a complete and individually designed system. Simply contact us on:

Jersey Gas on 755577

visit www.jsygas.com or visit our Tunnell Street Showroom

Guernsey Gas on 724811

visit www.gsygas.com or visit our Admiral Park Showroom