Under Carpet Heating
Under Tile/Screed Heating
Under Timber Heating
Hydro Floor Heating

A world of experience at your fingertips
14 FIN OIL HEATER
COSTS R4.11 p/h
3000 watts

ELECTRIC FAN HEATER
COSTS R2.74 p/h
2000 watts

WOOD BURNING FIRE PLACE
COST R8.75 p/h

AIR CONDITIONER WITH HEATING
COSTS R4.38 p/h
3200 watts

3 SETTING GAS HEATER
COST R9.10 p/h

ELECTRIC BAR HEATER
COSTS R2.19 p/h
1600 watts

PIioneer RADIANT UNDER CARPET HEATING
COSTS R1.37 p/h
1000 watts

The SMART way to warm a room

A world of experience at your fingertips
What is Hydronic Underfloor Heating

Hydronic Underfloor Heating works by circulating warm water through a closed network of pipes laid in the floor, gently spreading heat throughout the building. As it is a closed system, water is re-used once commissioned and does not need to be refilled. In combination with a renewable energy source, this system requires only a minimum of electricity and is therefore most environmentally friendly.

MAXIMIZE PERFORMANCE WITH THE OPTIMAL CONTROL

The room thermostat features an integrated timer which can be programmed to run at any time and offers the option to heat with off-peak energy. Tailored for every budget, PIONEER's room thermostats are specifically designed for Hydronic Floor Heating. Control each room separately or simply have one thermostat for all.

A SOLUTION FOR EVERY INSTALLATION

Whether a new build or refurbishment, PIONEER offers an installation system that suits your project and most floor cover types, including polished concrete, timber floors, carpet, tiles and more.

PIONEER FLOOR DESIGNS

Piping installation with Insulation on top of concrete slab:
- Plaster and brick work
- 1/2” Screed
- Reinforcing welded steel mesh
- PPR
- 25-30mm lappedboard or HD Polyethylene
- Concrete slab
- DPC
- Compact soil

Piping installation with Insulation below concrete slab:
- Plaster and brick work
- Floor finish - Tiles or carpets
- Piping in 40mm screws
- Concrete
- 50mm lappedboard or HD Polyethylene
- DPC
- Compact soil
Why choose an Underfloor Heating System?

Because it uses the highest proportion of radiant heat transfer, underfloor heating is the most efficient way of all heating systems. Temperature variations can occur when using air-conditioning or traditional radiators due to uneven coverage. Underfloor heating eliminates this problem with even heat distribution throughout the entire floor area.

Underfloor heating is the closest to an ideal heating system

The underfloor heating system provides close to ideal temperature curve - "warm feet and cool head", whereas the radiator system supplies the heat in the form of a wave, resulting in uncomfortable "hot head and cold feet".

FOR MORE INFORMATION CONTACT OUR OFFICES
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