

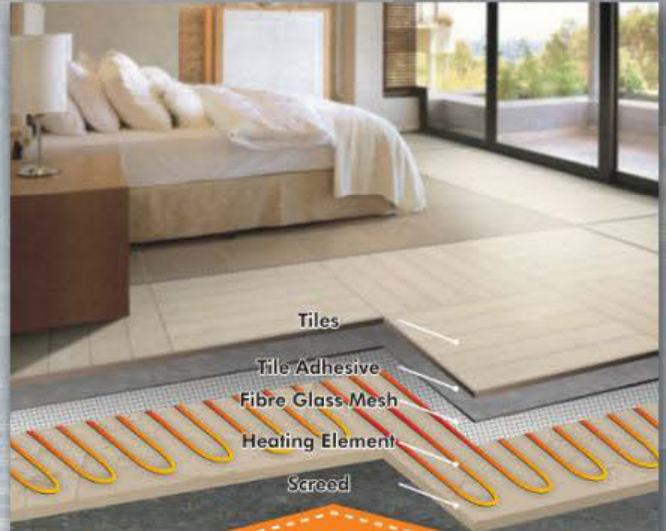
# pioneer

Floor Heating

Innovative Floor Heating Solutions



Under Carpet Heating



Under Tile/Screed Heating



Under Timber Heating



Hydro Floor Heating

A world of experience at your fingertips



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Floor Heating

Innovative Floor Heating Solutions

1 4 FIN OIL HEATER  
COSTS **R4.11** p/h  
3000 watts



3 SETTING GAS HEATER  
COST **R9.10** p/h



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



WOOD BURNING  
FIRE PLACE  
COST  
**R8.75** p/h



2 hours per bag @ R17.50 per bag as  
at 29/01/2014

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



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



PIONEER 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



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Floor Heating

## Innovative Floor Heating Solutions

### 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.



### PIONEER QUALITY - PIPING THAT LASTS

- Million meters of PIONEER'S pipe have proven it's quality during installations across the globe in the last 30 years.
- Completed by the permanent leak-proof compression-sleeve joint technology, PIONEER'S piping system with EVOH oxygen barrier provides a non-worry installation, each and every time.

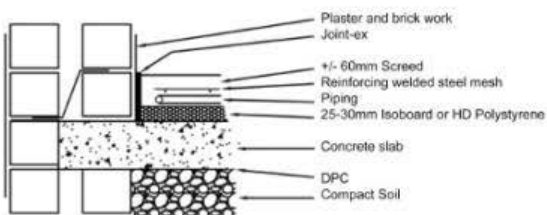
### A SOLUTION FOR EVERY INSTALLATION



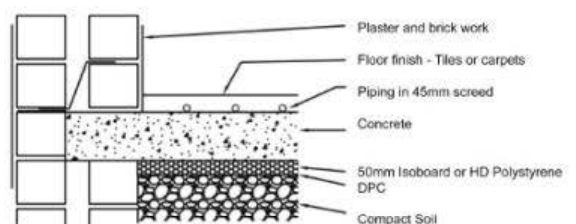
Whether a new build or refurbishment, PIONEER offers an installation system that suits your project and most floor cover types, including polished concrete, timber floors, carpet, tiles and more.

## PIONEER FLOOR DESIGNS

Piping installation with Insulation on top of concrete slab



Piping installation with Insulation below concrete slab

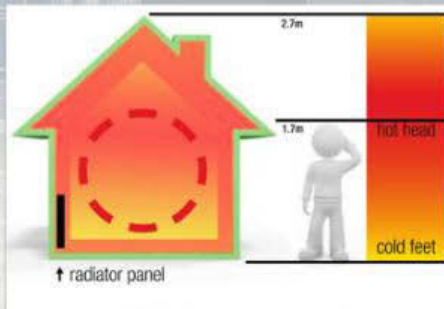
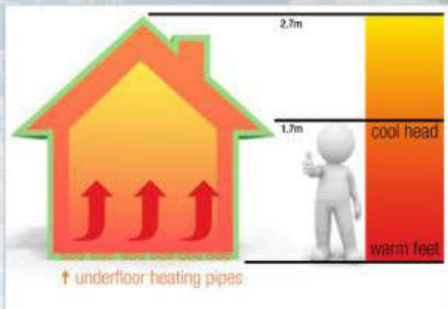


A world of experience at your fingertips



### 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

Radiator Heating

By using a closed water circuit to warm your house or project, PIONEER Hydronic underfloor heating can offer comfort and environmental benefits



Underfloor heating is environmentally friendly

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

Tel: 086 1 000 793

Email: [info@pioneerfloorheating.co.za](mailto:info@pioneerfloorheating.co.za)

OR VISIT OUR WEBSITE

[www.pioneerfloorheating.co.za](http://www.pioneerfloorheating.co.za)

Sales Manager: David vd Merwe - 082 464 0272

Technical Director: Albie Schröder - 082 413 3346

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