

QUICK FACTS



Ground Source Heat pump

WHAT IS IT?

- Ground source heat pumps use buried pipes to extract heat from the ground. This is usually used to heat radiators or under floor heating systems and hot water.

WHAT IS THE EQUIPMENT?

- A ground source heat pump circulates a mixture of water and antifreeze around a loop of pipe buried about 1m below the surface, alternatively boreholes are driven deeper to about 100m. The heat is extracted using a heat exchanger so electricity is used to run the system.

BASIC REQUIREMENT?

- Sufficient land suitable for burying pipes/borehole provision.

WHAT IS THE APPROXIMATE COST?

- In the region of £10,000—£15,000

WHAT DO YOU GET?

- Low temperature heat which is suitable in a well insulated house. Not recommended normally to replace a gas system.

OTHER FACTS?

- Low Maintenance
- Possibility of Renewable Heat Incentives (RHI) next year from government