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Complete Water Solutions

Is an open loop ground source heat pump suitable for me?

Energy efficiency first! Before you think about installing a system to generate your own heat, make sure your home is as energy efficient as it can be. All heat-producing systems are most efficient when used in highly insulated buildings. Focus on improving insulation and tackling draughts first.

- *Is your property suitable for boreholes?*

  The property doesn't have to be particularly big but assuming the underlying aquifer contains enough water you will require enough space for machinery approximately the size of a small digger.

- *Is your home well insulated?*

  Since ground source heat pumps work best when producing heat at a lower temperature than traditional boilers it's essential that your home is insulated and draught-proofed well for the heating system to be effective.

- *What fuel will you be replacing?*

  The system will pay for itself much more quickly if it's replacing an oil heating system. Heat pumps may not be the best option for homes using mains gas.

- *What type of heating system will you use?*

  Ground source heat pumps perform better with under floor heating systems or warm air heating rather than with radiator-based systems because of the lower water temperatures required.

- *Is the system intended for a new development?*

  Combining the installation with other building work can reduce the cost of installing the system.