

Networked Ground Source Heat Pumps



Smart • Reliable • Efficient • Low-Carbon

SYSTEM

Future-Proof Heat. Built for Scale.

- Boreholes use **stable ground temperatures** for consistent efficiency
- Shared **underground pipe** network
- **Discreet, quiet, compact** indoor heat pumps
- **All maintenance and replacements included** - for life
- Scalable from 10 plots to 4000+
- **Lowest electrical load** - same as gas

MODEL

We Invest. So You Don't Have To.

- We invest in the boreholes and network - **fully maintained for life**
- Delivers **efficiency, reliability, and simplicity** for housebuilders and residents
- Meets Future Homes Standard with **75–80% carbon savings**
- Ofgem regulated from 2026
- **Fixed monthly resident fee** tied to Consumer Prices Index (CPI)

TECHNOLOGY

Tried and Tested. Hassle-Free.

- Plastic pipe network, **similar to gas/water**, fully managed by GTC
- No outdoor unit - **compact heat pump fits anywhere** in the home
- Smart controls ensure **reliable commissioning** and easy use
- Automated optimisation and Time-of-Use tariff ready - **for even more savings**

GRID

No Grid Reinforcement. No Problem.

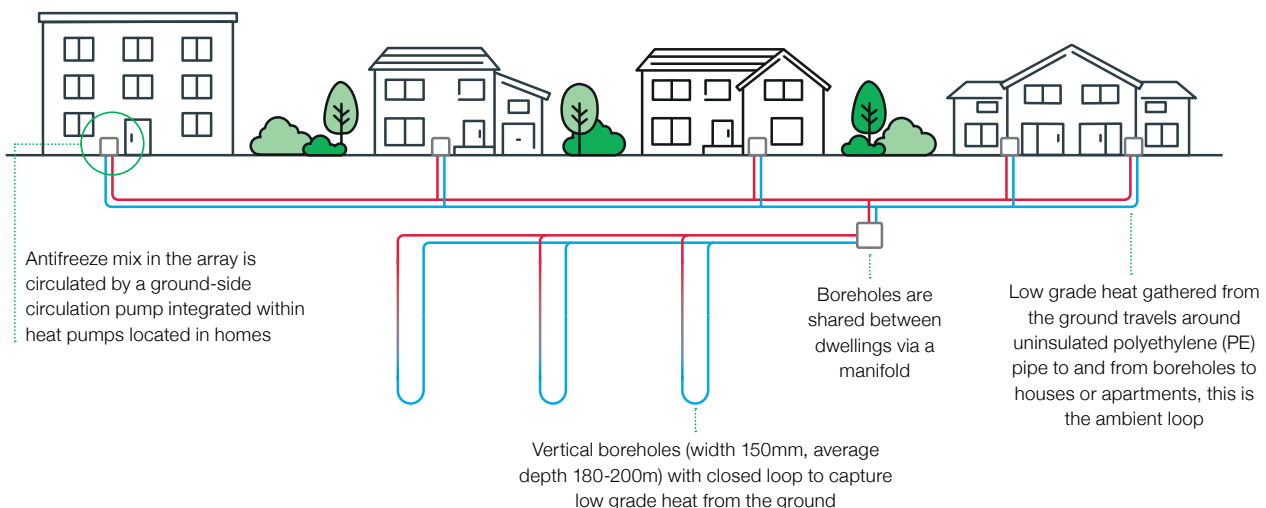
- Highly efficient heat pumps with smart controls - **no more network capacity than a gas-heated home**
- **50% lower demand** than typical individual air source heat pumps (ASHPs)
- Reduces need for additional electric infrastructure
- **Accelerates site build-out**, saves time and money

PERFORMANCE

Maximum Efficiency. Minimal Impact.

- Draws low-temperature energy from the ground, delivers high-temperature heat
- **Up to 4kW of heat per 1kW electricity**
- Stable ground temperature = no seasonal usage variations
- Designed to **comply with Part L** Building Regulations
- Passive cooling available - most efficient solution supporting Part O
- Helps achieve an A or B SAP rating, subject to building specification

Take a look at
how it works:



FOR HOUSEBUILDERS

Simple for You. Supported by Us.

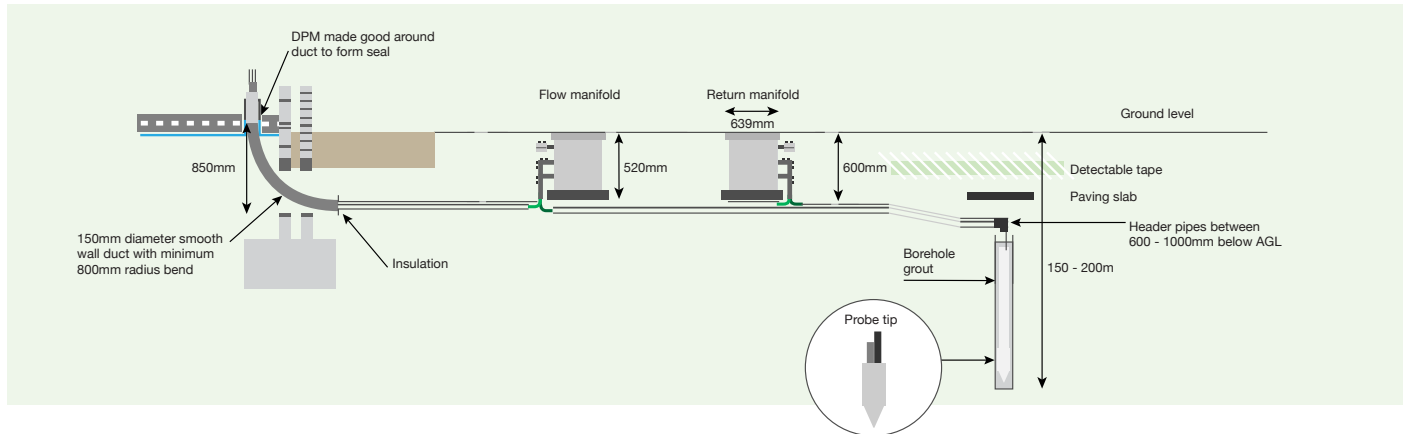
- We **drill boreholes early**, leaving pipes ready for later connection
- You tell us when to install the network and service pipes – we handle it all
- Heat pumps are **free-issued** with **installer training included**
- We **make sure it works!** - as the asset owner, we're in it for the long term

FOR RESIDENTS

Reliable Comfort. Cost Certainty.

- **Smart controls** for easy heating and hot water
- Reliable **all-season performance**
- **Low electric running costs** - £52/month fixed fee (3-bed semi) - covers all servicing and repairs
- **22% lower** running costs (vs. individual ASHPs)

Engineered for Ease



EASY

Proven Practices. Minimal Disruption.

- Site build-out characteristics like our other pipe networks
- Developed using **proven multi-utility** techniques
- **Non-insulated pipes, electrofusion joints, minimal civils**
- Installs **like a gas or water network** - familiar and easy

UNIQUE

Smart Design. Seamless Integration.

- Exclusive structurally rated chamber **installs in footpaths** with other utilities
- Ensures **quick, low-cost civils** with **minimal space** requirement

COMPLETE

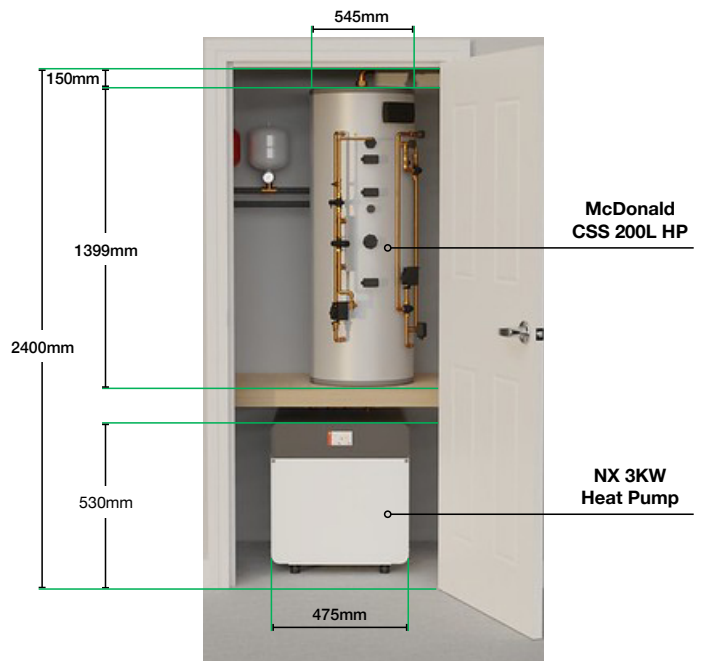
End-to-End. Design to Delivery.

- **Automated borehole drilling** for speed and safety
- Simplified **plastic pipe network**
- **Unique chamber design**
- **Easy service pipe** entry into each property

FAMILIAR

Like a Boiler. Only Better.

- Compatible with hot water cylinders, low-temperature radiators, and underfloor heating – **delivers heating and hot water just like a traditional boiler**
- Smart thermostat is **simple to install and reduces setup time**
- Electrofusion pipe enables **fast, reliable installation with minimal civils**



Smart controls = reliable commissioning & use



KENSA NX HEAT PUMPS

Award-Winning. UK-Made.

- **Ultra-quiet, highly efficient, super-compact** heat pumps
- Can be **installed anywhere in the home**, e.g. airing/kitchen cupboard



Construction Process

1 DRILLING

Boreholes drilled early (5 – 10 per week)

2 PIPES

Pipes left with protective marker posts for clear identification and to prevent damage

3 MAINS

Book **mains connection** (typically in footway) when kerbs are in – within 10 days

4 SERVICE

Book **plot service connections** – within 5 days

5 PUMPS

Order **free-issued heat pumps** and schedule **installer training**

6 FITTING

Installer fits and commissions using our app – **quick setup with no risk or hassle**