

COMMUNITY HEAT HUBS



Low Cost, Low Carbon, Low Capacity

Award-winning networked air source heat pump systems delivering reliable, low-cost heating and hot water for whole communities. Fully compliant with the Future Homes Standard and supporting the UK's transition to net zero.

Take a look at how it works:



BENEFITS

Lower Costs. Faster Build.

- Lower build costs – **significant savings vs. individual Air Source Heat Pumps (ASHPs)**
- Optimised efficiency – **thermal stores** balance peak demand
- Smarter Grid Use – **reduces peak electrical site demand** by up to 15 %
- Space-saving – **compact HIU replaces gas boiler**; no bulky external unit
- Future Homes Standard compliant – **cuts carbon by 75-80%** from day one

TECHNOLOGY

Efficient Design. Future-Ready.

- **Low-temperature network** – designed with insulated pipes
- Space-saving – **compact HIU fits neatly indoors**; no external ASHP
- No cylinder required – HIU delivers **instant heating and hot water on demand**
- Thermal stores – charge at **night-time rates for low cost heat at peak times**
- Future-proof – **ready for grid decarbonisation** without retrofits



PROCESS

Five Steps to Community Heat.

01

Central ASHPs generate low-carbon heat for the development

02

Insulated network distributes heat to every home

03

HIU in each property delivers instant hot water and heating

04

Thermal stores manage peak demand and reduce grid impact

05

Owned and maintained by us for life – total peace of mind for homeowners



Design

In-house network design optimised for heat delivery

Construction

Expert teams using proven multi-utility methods

Adoption

Smooth handover to operational management

Operation

Our sister company manages the network, servicing, and customer support

TRUST

Regulated Service. Proven Delivery.

- Regulated – **OFGEM regulation**; Heat Trust registered since 2015
- Transparent pricing – **regulated pricing - protects homeowners** with guaranteed service, lower prices and no hidden fees
- Backed by BUUK – **UK's largest multi-utility provider**, serving 3 million homes

- **Trusted:** UK's leading provider for 30 years, with multiple Utility Installer of the Year awards
- **Proven:** Multiple live networks with major housebuilders, serving 900+ homes

HOUSEBUILDERS

Simpler Install. Lower Risk.

- One connection per plot – **simpler than per-plot ASHP installations**
- Reduced electrical capacity – **speed up build-out** and reduce costs
- **No external units** – cluttering gardens or façades
- Familiar installation – heat network pipes **installed like gas** or water
- End-to-end – **design and installation** delivered in-house by GTC
- Operated for Life – **seamless handover** to Metropolitan for **long-term operation**

RESIDENTS

Lower Bills. Greater Comfort.

- Lower running costs – **cheaper to run** than individual heat pumps with off-peak charging of thermal stores
- **One simple bill** – covers heat, maintenance, repairs and replacements
- Customer Price Promise – **never pay more than a private air source heat pump**
- Instant heat and hot water – **similar experience to a gas boiler**, but low carbon and sustainable
- **Quiet and compact** – no bulky outdoor units, no noise, hassle-free maintenance included
- Always on – back-up systems ensure **continuous heating and hot water**
- Move-in ready – **fully operational from day one**
- Support when needed – flexible payment options and **24/7 UK-based customer care**



Award-Winning

Innovation of the Year
(Showhome Awards)

Net Zero Hero Award
(HVR Awards)

Low Carbon Impact Award:
Residential or Public Sector
(H&V News Awards)

Find out more at www.gtc-uk.co.uk