



EDGE2-T Smarter Heat Interface Units for Modern Heat Networks

Designed to maximise heat network efficiency, simplify installation and maintenance, with independently proven performance.

Introducing EDGE2-T - Designed for Faster Installation and Easier Maintenance

As heat networks evolve, Heat Interface Units (HIUs) must do far more than deliver heating and hot water. They must maximise energy efficiency, simplify installation, reduce maintenance costs and provide intelligent control that supports the next generation of low-carbon buildings.

The Essco EDGE2-T has been developed specifically to meet these demands. Independently tested to the latest BESA UK HIU Test Standard (v3.1 2026) and designed in accordance with the Heat Networks Code of Practice (CP1), EDGE2-T combines rapid domestic hot water delivery, intelligent electronic controls and service-friendly engineering in a future-ready solution for consultants, developers, contractors and building operators.

Whether for a new heat network or the upgrade of an existing system, EDGE2-T delivers proven performance, lower installation and maintenance costs, and greater network efficiency.

Intelligent Connectivity

Provides real-time operational insight for faster diagnostics, simplified maintenance and seamless building management integration.

Independently Tested Performance

Provides independently verified performance, giving specifiers and operators complete confidence in system efficiency.

Billing Neutral Metering

Delivers accurate, compliant metering with the flexibility to choose any compatible billing provider.

Fast Hot Water Response

Provides hot water in seconds with stable temperatures, improving occupant comfort while reducing water wastage.

Detachable Flushing Bypass

Used to flush and commission primary pipework without passing water through the HIU. Removable bypass reduces performance risks and binder kit enables system interrogation.

Inspectable Strainers

Enables faster routine inspections without draining the system, reducing maintenance time and preserving treated system water.

Flexible Plate Heat Exchanger Options

To optimise each installation, improving efficiency, reducing unnecessary equipment costs and supporting compliance.

Factory Preconfigured Controls

Reduces commissioning time and ensures consistent performance across every installation.

Pre-Insulated Pipe Kits

Optional pre-insulated pipe kits are available to suit a range of installation configurations, reducing the amount of pipework that needs to be fabricated on site.

Dual Primary Connections

Allows heating and hot water circuits to operate at their optimum temperatures for greater heat network efficiency.

Fully Insulated HIU

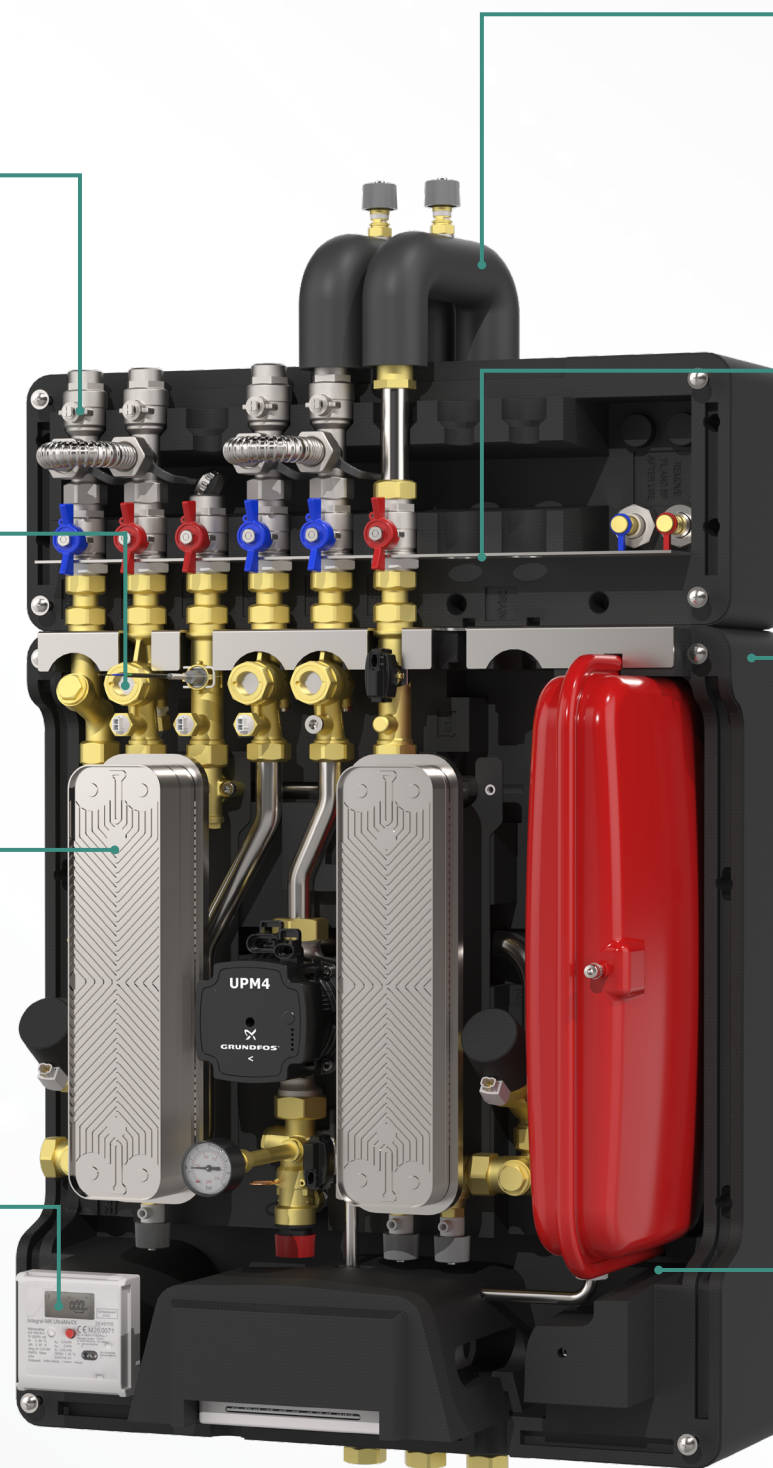
Reduces standby heat losses to maximise heat network efficiency and minimise wasted energy.

Hydraulically Reversible Design

Reduces installation time, minimises additional pipework, lowers material costs and shortens pipe runs to reduce heat losses.

Fully Front Accessible

Makes servicing and maintenance faster, easier and more cost-effective, even in restricted spaces.



For more information on EDGE2 T please visit our website www.esscogroup.co.uk or call our specialist technical team on 07489 779068

Your Partner Essco

Choosing EDGE2-T means more than selecting a high-performance Heat Interface Unit, it means partnering with Essco, a trusted specialist in apartment energy systems. Combining technical expertise, engineering support and specification knowledge, Essco help customers deliver smarter residential heat networks that improve building performance and support the transition to low-carbon heating.

Why Choose Essco?

- **Technical expertise**
Specialist knowledge of heat networks, HIUs and apartment energy systems.
- **Specification support**
Helping consultants and contractors specify the right solution with confidence.
- **Engineering-led approach**
Practical solutions that optimise performance, efficiency and long-term reliability.
- **Innovative product development**
Future-ready technologies designed to support modern residential energy infrastructure.
- **Responsive customer support**
Expert advice from concept through commissioning and beyond.

Essco Energy

Delivering intelligent apartment energy systems that improve efficiency, simplify installation and support the next generation of low-carbon residential developments.



essco
PROCESS VALVES



essco
HYDRONICS



essco
ENERGY



essco
FIT & FORGET



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PREFAB

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