Inject-a-Therm
SAVE ENERGY

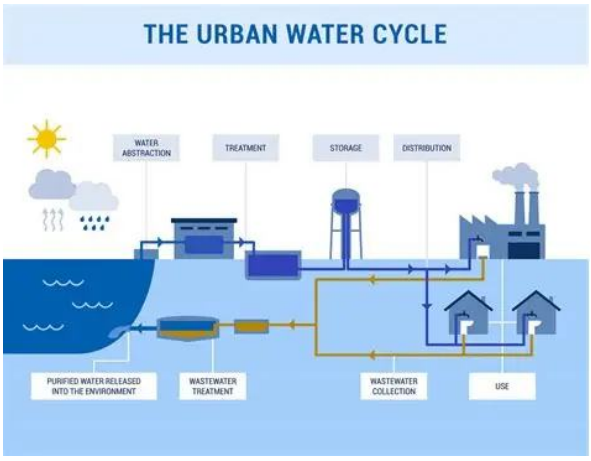
Inject-a-Therm Heat Transfer Fluid

Reduce your energy costs by up to 22%

UK Distribution
Tel: 0776 9868213

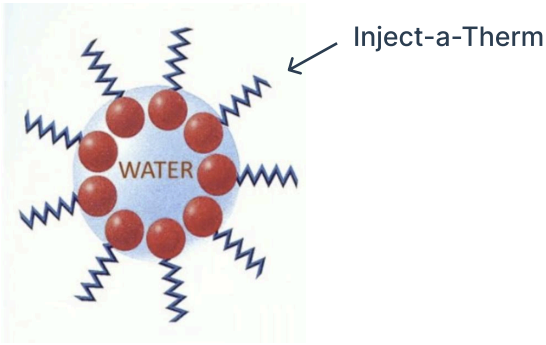
PRODUCT OVERVIEW

Why ordinary water wastes energy



Heating systems contain water, water is not necessarily the best transmitter of heat, we have traditionally used water because it is cheap and we have lots of it.

How Inject-a-Therm fixes it



Inject-a-Therm heating fluid enhances efficiency by transferring heat significantly faster and more effectively, reducing overall system runtime without affecting the performance of the heating system.

As a result, less energy delivers an equal performance, leading to lower energy consumption and cost savings.

What that means for you

Reduced energy costs
Up to 22% reduction in your heating costs.

Quicker heat-up
Boiler reaches target temperature quicker.

Lower float tempatures
Boiler condenses for longer, heat pump COP rises.

Fewer burn cycles
Equipment works less, lasts longer.

Immediate carbon cut
Every unused kWh saved 0.18 kgCO_2.

Want to save even more?

Inject-a-Therm works great when combined with DBMU, increasing the Delta T to peak performance!

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PROOF & APPLICATIONS

Independently proven performance

- 14-site UK field trial: **average 18% gas reduction** (max 22%) at matched indoor temps.
- Laboratory corrosion testing: **no increase** on steel, copper or aluminium alloys.
- Thermal stability: active from -20°C to 120°C.

Real-world scenarios

These examples show how Inject-a-Therm delivers repeatable, verifiable savings across sectors:

- **Healthcare campus:** Multiple boilers serving wards and theatres; energy cut by **16-20%** year-on-year.
- **1970s office block:** Fan-coil HVAC; saving **18%** gas.
- **New-build heat-pump home:** Air-source unit COP improved **10%**, reducing electricity use by **15%**.
- **Food-processing glycol loop:** 25m^3 chilled circuit; chiller load down **12%**, boosting line throughput.
- **University district heating:** 3.5 GWh annual; demand gas reduction **22%**, equating to 650t CO_2 avoided.

Where it works

- Wet heating systems (domestic & commercial)
- Air-source & ground-source heat pumps
- Air-handling / fan-coil units
- Chilled-water & A/C circuits
- Industrial process loops
- Biomass, oil, LPG and electric boilers

Testimonials

"Inject-a-Therm cut our gas billed by almost a fifth without touching the plant room."

Matt Bateman
Director of Heating Contractors

"Installing Inject-a-Therm across our clients Estate generated measured savings of 19%."

Martin Watson
Chief Engineer, Facilities Management

"The properties that Inject-a-Therm consist of are excellent, non-hazardous whilst generating a great performance."

David Grant
Chemist

Typical return on investment

Example site	Annual kWh saved	Cash saving*	Payback
500 m² office	18,000	£1,260	7 months
50-bed hotel	45,000	£3,150	6 months
3-bed home	2,000	£140	8 months
Carehome	343,250	£484.65	6 months
School	874,880	£157,478.40	7 months
Factory	2,231,658	£296,809.45	8 months
Sports Centre	554,767	£8,140.37	5 months

* Based on £0.07/Wh gas.

Frequently asked questions

Q. Does it replace my inhibitor?

No – it works alongside any BuildCert-approved inhibitor or glycol.

Q. How long does it last?

At least six years in a sealed system; top-up only if you drain down.

Q. Any downtime to fit?

None. Dose via a radiator valve, dosing pot or pump adaptor while the system is running.

Q. Safe to handle?

Non-hazardous under CLP; standard PPE is fine.

Q. Does Inject-a-Therm work in any water-based heating system?

Yes, Inject-a-Therm is suitable for any wet system with water-to-air heat transfer. This includes systems with radiators, air handling units, fan coil units, and underfloor heating, and is compatible with heat sources such as mains gas, biomass, heating oils like kerosene and LPG, and even electrically heated systems.

Inject-a-Therm has also proven effective in systems utilising ground-source heat pumps, air-source heat pumps, and chilled water circuits.

Q. How much Inject-a-Therm do I need?

For help calculating your system's volume, please contact a member of the Inject-a-Therm team or you can use www.whatsthepayback.com to calculate your savings.

Q. Should Inject-a-Therm be installed into a clean or dirty system?

Inject-a-Therm performs well in both clean and dirty systems. It works by increasing the thermal contact surface within the system.

Q. How long does Inject-a-Therm last?

Inject-a-Therm contains thermally stable compounds designed to remain active in a closed-loop system (with no water loss) under typical heating system temperatures. Evidence supports a minimum projected lifespan of 6 years.

Q. Should a corrosion inhibitor still be used?

Yes. While Inject-a-Therm provides some corrosion-inhibiting properties, it is not a replacement for certified inhibitors. Independent testing confirms that Inject-a-Therm is fully compatible with leading BuildCert-approved corrosion inhibitors.

FAQ CONTINUED & NEXT STEPS

Q. What is the typical return on investment (ROI) for an Inject-a-Therm installation?

A typical Inject-a-Therm installation delivers a return on investment in just a few months, based on a conservative estimate of energy savings. Actual ROI will depend on system size, usage, and operational efficiency.

Q. Annual testing and warranty

An annual maintenance test is required to ensure the performance of the additive.
A 10% charge of the total is applied for this.

Q. What do I get for this?

We ensure the system performs to its maximum and carryout a top up when required, if a full replacement of fluid is required at any point 'Inject-a-Therm' shall complete this at no cost to the customer.

Ready to start saving?

Get a free system survey and payback calculation.

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