EndoTherm®

Energy Saving Additive for Domestic Heating Systems

EndoTherm is a unique, multi-award-winning, energy saving additive for wet heating systems that is independently proven to save up to 15% on energy consumption and heating costs in addition to delivering significant carbon reduction.



Reduce energy consumption and heating costs by up to 15%.



Typical return on investment in under one year.

Substantial reduction in carbon emissions.

Single day CO_2 payback - low carbon footprint product.

100% Organic substance, ecologically-sound and sustainable.



Independent laboratory and third party tested and verified.

15% Endo I

UP TO

ENERG

SAVINGS



Compatible with leading boiler and inhibitor brands when dosed.



Non-corrosive, non-hazardous with no discharge requirements.



Easy installation with zero disturbance or system downtime.



Multi-award winning technology with industry recognition.



LES EURÊKA 2022 FOR A GREEN AND PROSPEROUS QUEBEC

NATIONAL ENERGY EFFICIENCY AWARDS 2020/21 BOILER & HEATING PROJECT



H&V NEWS AWARDS 2019 SMALL COMPANY ACHIEVEMENT OF THE YEAR



SHELL SPRINGBOARD 2018 LOW CARBON INNOVATION REGIONAL WINNER



ENERGY EFFICIENCY & HEALTHY HOMES REGIONAL AWARDS 2017 SMALL SCALE PROJECT OF THE YEAR



CIBSE BUILDING PERFORMANCE AWARDS 2016 - ENERGY SAVING PRODUCT OF THE YEAR



H&V NEWS AWARDS 2015 DOMESTIC H&V PRODUCT OF THE YEAR

www.endotherm.co.uk



Laboratory testing and studies carried out in samples of domestic and non-domestic properties, shows that EndoTherm has been effective in reducing energy and fuel consumption with condensing boilers



by

enquiries@endotherm.co.uk

+44 (0)1925 747 101



DOMESTIC IMPACT

EndoTherm is the ideal energy saving measure for the domestic market

Trivallis, a social housing provider in Wales, in conjunction with Atega Ltd, an independent energy consultancy, reviewed EndoTherm as part of their continuing efforts to reduce energy consumption and fuel poverty within its 10,000 plus households.

An estimated 155,000 households in Wales continue to live in fuel poverty (equivalent to 12% of all households) and Trivallis have been at the forefront of a number of energy efficiency and reduction projects.

Fanhuelog Sheltered Accommodation Scheme, a residential complex with numerous one and two bedroomed flats, was chosen for the study due to the similarity between each heating system. The study, which followed methodology set out and verified by the Energy Saving Trust, assessed the potential for energy, financial and carbon savings to the residents.

The analysis found that EndoTherm makes significant energy, financial and carbon savings as well as being a low cost and easy to install energy saving product. EndoTherm can be implemented in any wet heating system (whether powered by gas, oil, LPG, biomass or heat pumps).



INDEPENDENT



The Northern Ireland Sustainable Energy Programme (NISEP) provides funding to help install energy saving measures, including EndoTherm, into low-income households and those at risk of fuel poverty.



EndoTherm is offered as a free product incentive in Ireland with new boiler installations, boiler upgrades, as a bolt-on during services and maintenance and attracts a rebate and carbon credits.

TACKLING FUEL POVERTY

Fuel poverty is a devolved issue, with each nation in the UK having its own fuel poverty definition, targets and policies to tackle the issue. There are circa 27m households in the UK of which circa 21m households have a wet heating system.

There is a strong correlation between household income / energy requirements and efficiency / energy prices and the fuel poverty gap.

Using EndoTherm, the average UK household can typically save £153 p/a on their heating costs (based on a 15% energy saving). Therefore, installing EndoTherm could significantly reduce the fuel poverty gap and considerably help low-income fuel poor households.



	ENGLAND	SCOTLAND	WALES	N. IRELAND
Households in fuel poverty	3,260,000	613,000	196,000	179,000
Nation's % of all households	13.4%	24.6%	14%	24%
Average fuel poverty gap	£338	£700	£431	£436
% EndoTherm saving of fuel poverty gap	45.3%	21.9%	35.5%	35.1%

Data sources: UK and Welsh Government reporting on fuel poverty, BEIS – Annual Fuel Poverty Statistics Report 2023 (2022 data)



DOMESTIC SAVINGS EXAMPLE

EndoTherm is independently proven to save up to 15% on energy consumption and costs



Average UK household gas consumption per annum:

13,600 kWh



Representative 15% energy saving per annum: 2.040 kWh



Energy savings measured in kWh converted to carbon emissions:

1 kWh = 0.216Kg CO₂e



Average UK household gas costs per annum (July 23 Price Cap):



Calculated financial savings per annum:



Calculated reduction in carbon emissions per annum:

441Kg CO₂e

£1,020

£153

Data sources: UK Government reporting on energy usage and costs, BEIS, Ofgem, Enertek International, EPA Greenhouse gas equivalence calculations

DOMESTIC SAVINGS PROJECTED

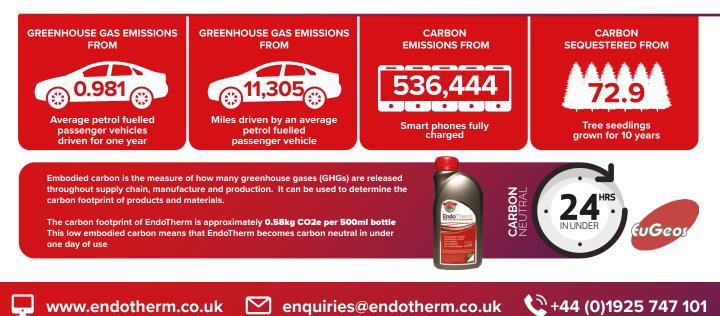
EndoTherm is proven to last 10+ years in a heating system (assuming not drained or changed)

	GAS CONSUMPTION	FINANCIAL	CARBON EMISSIONS
Projected 3 year savings	6,120 kWh	£459	1,323 kg of CO ₂ e
Projected 5 year savings	10,200 kWh	£765	2,205 kg of CO ₂ e
Projected 7 year savings	14,280 kWh	£1,071	3,087 kg of CO ₂ e
Projected 10 year savings	20,400 kWh	£1,530	4,410 kg of CO2e

CARBON REDUCTION EQUIVALENTS

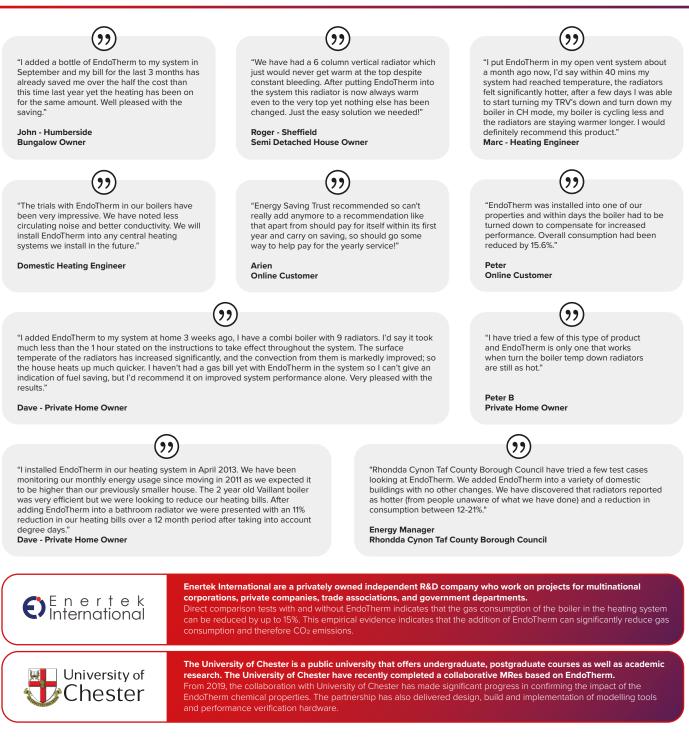
A 10-year carbon emissions reduction of 4,410kg CO₂e per average UK household is equivalent to:

www.endotherm.co.uk 🗹 enquiries@endotherm.co.uk



TESTIMONIALS

EndoTherm success from our customers in their own words



EndoTherm has been proven to make a considerable impact in domestic and residential applications including social housing, sheltered accommodation, care/residential homes and communal heating applications.

Trusted by Housing Associations, Councils, Local Authorities and private/social housing landlords in respect of their housing stock, including:



enquiries@endotherm.co.uk

+44 (0)1925 747 101

www.endotherm.co.uk