

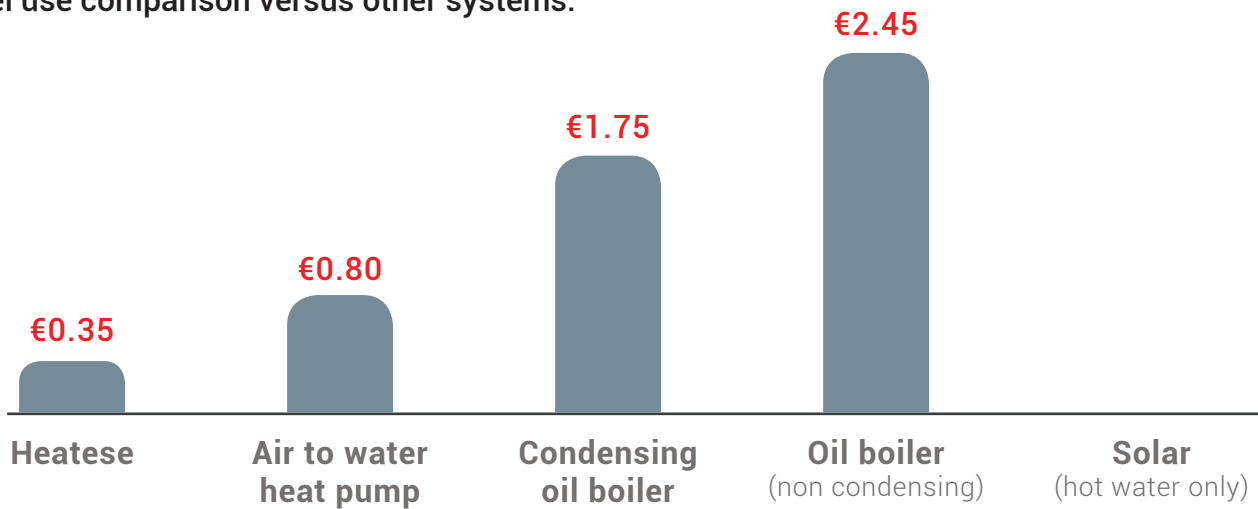
HEATESE®

Unique Heating System

“Always on – Always warm”

For the cost of heating your home for one hour with a boiler, you could heat your home for approximately 5 hours with Heatese.

Fuel use comparison versus other systems:

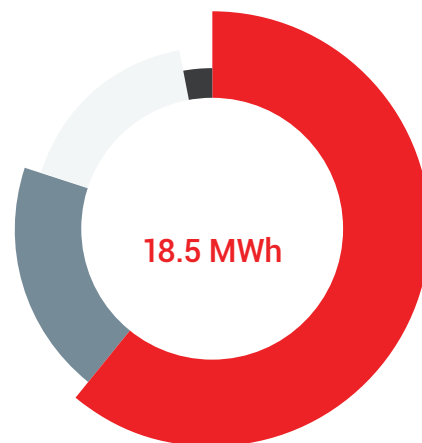


*approx hourly running costs for average 2,000 sq ft home (*March 2018)

"Gas version coming soon. To join the waiting list, email gas@heatese.com

Energy use in an average Irish home

- Space heating 61%
- Water heating 19%
- Lighting and appliances 17%
- Cooking 3%



*per SEAI 2018 report: Energy in the Residential Sector

As Heatese uses up to 80% less fuel compared to a boiler, it eliminates up to 80% of carbon emissions.

It could take 5 Heatese heated homes to produce the same carbon emissions as 1 house heated by a standard oil boiler.

CASE Studies

Patrick Kiely

- Savings per hour: €8.40 or 87.5%
- 6,000 sq ft Georgian property, no insulation, 32 radiators and 200L hot water cylinder
- Previously used 12L of oil per hour; €9.60 per hour
- Heatese is using 1.5L of oil per hour; €1.20



Sigitas and Saule

- Savings per hour: €2.48 or 87.5%
- 1,700 sq ft house, 13 radiators, 300L hot water cylinder
- Previously used 3.5L of oil per hour; €2.80 per hour
- Heatese is using 0.4L of oil per hour; €0.32



Tony McGuinness

- Savings per hour: €2.40 or 85%
- 2,000 sq ft split-level bungalow. Previously had 7 radiators which was insufficient to heat the home comfortably, and 150L hot water cylinder
- Now has 7 radiators, 150L hot water cylinder and 10 Heatese convector radiators
- Previously used 3.5L of oil per hour; €2.80 per hour
- Heatese, even with 10 additional convector radiators, is using 0.5L of oil per hour; €0.40



*Case studies based on May 2018 fuel prices, where recommended usage settings followed

HEATESE

Unique Heating System

Exterior Cabinet colours available:



Indirect heating

Heatese uses indirect heating. Gases are heated which in turn heat the internal surfaces of the system, with the heat transferring to water inside a large copper cylinder. It is more fuel efficient to heat these gases than water, and indirect heating permits the use of copper which is a better conductor.

Energy recovery

Temperatures reach 324°C inside the Heatese gas chamber. When these gases leave the system through its exhaust they have been reduced to 40. This is due to an aggressive energy recovery system that transfers the otherwise lost heat back into the system. By recycling this heat, your fuel is not being used to create more heat.

Energy storage

Unlike a boiler there is no daily pre-heating cost with Heatese. A boiler uses up to 40% more oil in its first hour of operation; and will lose its heat quickly once turned off, requiring a pre-heating period again. In contrast, if turned off for 24 hours, the Heatese system will cool by 5°C. Heatese stores its energy for when it's required. It can be run for (i) a few hours per day, or (ii) continuously e.g. with underfloor heating.

HEATESE

Convector radiators

Hidden Heating®

Heatese convectors can be elegantly concealed within walls. In addition to being more aesthetically pleasing, this approach frees up wall space - enjoy the benefits of underfloor heating without the downside and expensive installation cost.

Wall mounted

Heatese convectors are also available in wall-mounted or air-curtain versions, whether to replace existing radiators or for new-build.

Multiple output options

Heatese can be used with convector radiators, underfloor heating and / or standard radiators.

Commercial

Heatese can be used with commercial output options for heating swimming pools, animal housing, wash plants, etc.

Low content

A standard radiator holds on average 7L of water. Heatese convector radiators hold between 200ml and 400ml; approximately 96% less. This dramatically reduces the demand on the heating system, further lowering fuel bills.

Thermostatically controlled

Individually thermostatically controlled and self-regulating. If a room dips below the desired temperature, the convector radiator activates until reaching your set temperature. Instant heat can be provided on demand.



Model	Dimensions (mm)	Output at 55°	Output at 60°	Output at 65°	Output at 70°
2 fan	645(L) x 300(H) x 86(D)	1.25 kW	1.43 kW	1.6 kW	1.79 kW
3 fan	790(L) x 300(H) x 86(D)	1.36 kW	1.55 kW	1.75 kW	1.94 kW
4 fan	932(L) x 300(H) x 86(D)	1.44 kW	1.65 kW	1.86 kW	2.06 kW

Key features

- Hidden heating, at a fraction of the cost of underfloor heating
- Ultra low running cost
- Each room thermostatically controlled
- Maintain comfortable, even temperature throughout
- Instant heat available on demand
- Ideal for hard to heat areas
- Low maintenance



INSTALLATION

With no need to change your existing radiators, underfloor heating, pipework or hot water cylinder, the Heatese system can be easily fitted to new or existing homes and premises.

The system comes fully assembled and commissioned to BSI standards, ready to be 'plug & play' installed by your heating engineer.

AWARDS and Accreditations

"I've been a heating engineer for 47 years. I've seen at first hand the new Heatese heating system in operation. It will heat a 3-4 bedroom house and its water for as little as half a litre of oil per hour." - Dominic Gallagher

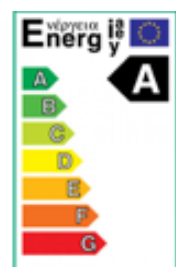
"I have experienced the new heating system produced by Heatese. It is heating a 6,000 sq ft house using less than 1.5L of oil per hour." - Pat Mangan

"She's quite impressed, and if she's impressed that's even better." - Finian Callan

"Very happy!" - John Fox

"The whole house is getting heated, for less. It heats up very fast. I would recommend it, no problem whatsoever." - Tony McGuinness

"Congratulations...It is brilliant." - Gerry Kelly, LMFM



**SAVE UP TO
80%
ON YOUR HEATING BILL WITH**



Heatese Innovations International Limited.

Visit our showroom: Ballivor, Co. Meath, Ireland.

Call us: +353469546616. Email us: info@heatese.com. www.heatese.com

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