radbot 1
The intelligent thermostatic radiator valve

Why waste money heating empty rooms?

radbot 1 is the next generation of intelligent heating controls that saves money off your heating bills compared to a manual TRV[1]

How it works

Radbot 1 works by monitoring changes in light and humidity, which it uses to build a pattern of occupancy. It then heats each room when you're there and automatically lowers the temperature when you're not, saving money and energy.

Radbot 1 also learns how long it takes to heat a room so that it's warm when you arrive. If your schedule changes, radbot 1 quickly learns this and updates the heating pattern.

SAP Listed

Radbot 1 is one of the simplest and most cost-effective ways to achieve Part L compliance. It can also be used to upgrade existing dwellings to meet Minimum Energy Efficiency Standards (MEES) regulations or Net Zero EPC targets.

It provides 2-3 SAP points on average and is suitable for both new build and retrofit properties.

Low cost with incredible return on investment

Measure	Cost Effectiveness [3]
Hot water tank jacket insulation	£9
Radbot 1	£61
Loft insulation (virgin)	£78
Standard heating controls	£82
Cavity wall insulation	£133
Air source heat pump	£509
Underfloor insulation	£886
External wall insulation	£1139

Features

Easy installation
Simple replacement for standard thermostatic radiator valves (TRVs).

Fully automated
No setting schedules, connecting to Wi-Fi, or controlling via an app.

Comfort boost button
Provides 30 minutes of maximum heat.

Compatibility
Works with any wet central heating system using radiators, including ASHPs[2].

Zonal control
Room by room control ensures each room always feels just right.

Protection
Frost and humidity detection plus automatic maintenance to prevent stuck valves.

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[1] Field trials and controlled testing showed average savings of 12% and up to 30% in some homes.
[2] Works with air source heat pumps (ASHPs) at flow temperatures of ≥45ºC with appropriately sized radiators.
[3] Relative cost per SAP point improvement - e.g. a measure costing £100 that improves a property's SAP rating by 1 point would cost £100 per SAP point.

EI Awards 2020 — Innovative Technology Award WINNER

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Energy Company Obligation Eligible Measure (ECO)

Radbot 1 is a low-cost, easy to install, and easy to use measure, making it an ideal complement to any ECO fabric insulation, low carbon heating, or boiler replacement measures.

- **Radbot 1 qualifies under the TTZC³ measure category** – savings can be claimed in addition to standard heating controls, TRVs and smart thermostats.

- **Cost effective** – excellent SAP point uplift per £'s of investment

- **Widely applicable** – suitable for the majority of property types

- **Quick and simple to install**

³ Time and Temperature Zone Controls (TTZC) is a new ECO measure type published by Ofgem on 4 June 2021

30 minute boost button

Installation

Installing radbot 1 is so easy! Simply remove the existing TRV head and screw radbot 1 to the radiator valve. **A truly "fit and forget" heating control.**

- No plumbing or wiring needed

- Supplied with 5 valve adaptors to fit almost any domestic-style TRV valve

- Can be supplied as radbot 1 control head only or in packs with TRV valve body and lock shield

- Works with all standard heating controls and smart thermostats

- **Install time** - less than 20 mins per house

Quick and simple installation

7 years no quibbles warranty

radbot 1 – intelligent heating made simple
Find more at: **www.securemeters.com/radbot**
or contact your **Secure area sales manager**

SECURE