radbot 1

Intelligent thermostatic radiator valve

Radbot is a totally new type of intelligent radiator controller that continually adjusts to how you use a room and automatically controls the heating pattern to match.

Save energy and money off your bills by not heating empty rooms. No need for apps, smart thermostats, setting up schedules or engineers visiting your home. Install, set and forget.

Applications

- New installations
- Retrofit installations
- Control of individual radiators
- Room by room heating zones
- Compatible with wet central heating systems including gas & oil boilers & heat pumps

Benefits

- Energy efficiency - up to 30% heat energy savings
- Automatic scheduling - Set and forget
- Simple and intuitive user controls
- Improved temperature regulation
- Easy to install - no wiring or plumbing required
- No requirement for Wi-Fi or App
- Cost effective SAP points for part L
- Energy Company Obligation eligible measure.

Features

- Frost protection
- Intelligent pre-heat
- Autonomus occupancy driven scheduling
- Whisper mode - quiet night time operation
- Weekly decalcination cycle
- Boost button - temporary temperature overide
- Runs on 2 standard AA batteries
- 2 year battery life
- 7 yearsno quibble warranty
- Damp protection

SECURE

Technical specifications

Product

Brand	radbot 1 - intelligent thermostatic radiator valve
Type	Thermostatic radiator valve (TRV)
Device application	Temperature control

Electrical

Power supply	3V DC (2 x AA alkaline batteries)
Battery life	>2 years

Mechanical

Dimensions	90 x 55 x 55mm
Case material	Thermoplastic
Weight	164g (approx.)
Control type	Twist cap + /-1 °C, manual boost override
Mounting	Screw on to TRV valve base via supplied adaptor (Selection of 5 adaptors provided)

Environmental

Enclosure protection	IP30
Pollution degree	Degree 2
Operating temperature range	0 °C to 40 °C
Storage temperature	-20°C to 60°C
Environmental humidity range	0 to 95%
Set point range	+5 °C to +24 °C
Max flow temperature	90 °C
Ball presure test	at 75 °C
Bending moment test	as per EN215

Standards

Design standard	IEC60730-1 and IEC60730-2-9
ERP Rating	ErP Class VIII
SAP	Product characteristics data base listed
Energy Company Obligaton	Time & Temperature Control Zone (TTZC) eligible measure
Conformity assessment	UKCA, EUCE, UKNI
Electrical waste	WEEE

What's in the box

1 radbot device	
5 valve adaptors	M28 x 1.5, M30 x 1.0, M30 x 1.5, Danfoss RA, Danfoss RAVL
2 x 1.5AA alkaline batteries	

Specifications are subject to change without prior notice

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