Thermostat
part of the Beanbag system

Z-Wave Plus™ certified

The Thermostat is a member of the stylish and intelligent Beanbag family of home heating control products, designed to ensure your comfort at all times, while minimising energy consumption.

Beanbag products can be used together in many different ways, and can be integrated with other home control equipment to suit a wide range of heating systems. The Thermostat is the ideal partner for the Receiver and Gateway, all working together through interoperable low-power radio communications. A smartphone app enables you to read the temperature, receive alarms and adjust the set point from anywhere with an Internet connection.

The Thermostat is Z-Wave Plus™ certified, for easy and efficient integration with home control networks, providing wireless ambient temperature sensing and set point functionality.

Wireless communications and battery operation make installation quick and simple by eliminating the need for disruptive and time-consuming wiring.

The Thermostat combines ease of use, ease of installation and intelligent control, and can be used with most heating systems.

Application

- Heating control as part of a Beanbag smart home system
- Domestic gas or oil-fired central heating systems
- Combi boiler or heat only boiler/system boiler control
- Zone control
- New and retrofit systems

Features and benefits

- Stylish design, coordinating with other Beanbag home heating control devices
- Z-wave Plus™ certified, fully interoperable room thermostat
- Battery operated - no mains wiring needed
- Clear OLED display
- Temperature range +5°C to +35°C
- Easy to install and use
- Local and remote set point control
- Remote reading of measured temperature
- Operates as a standalone product if no network is available (in combination with Beanbag Receiver)

SECURE
energy together

Thermostat

Technical specifications

Electrical

Purpose of control	Electronic room thermostat RF (independently mounted)
Supply	3 V DC (2 x AA alkaline batteries)
Battery life	>2 years
Software class	Class

Compliance

Design standards	Product standard: EN 60703-1, EN 60730-2-9
	R&TTE: Radio: ETSI EN 300 220-1, ETSI EN 300 220-2
	EMC: ETSI EN 301 489-1, ETSI EN 301 489-3

Mechanical

Dimensions	98 mm x 98.5 mm x 35 mm
Case material	Thermoplastic
Weight	157 g (approx.)
Display	OLED 128 x 128 dots, 1.5"
Mounting	'Click-on' wall plate, with optional fascia plate

Environmental

Impulse voltage rating	Cat II 2500V
Enclosure protection	IP30
Pollution degree	Degree 2
Operating temperature range	0˚C to +40˚C
Storage temperature	-20 °C to +50 °C
Environmental humidity range	0 to 95%
Set point range	+5 °C to +35 °C

Radio

Mesh radio type	Z-Wave Plus compliant
Operating frequency	868.42 MHZ (EU)
Receiver category	Category 3
Power class	Class B
RF range	>100 m, line of sight