SAVING ENERGY, REDUCING COSTS

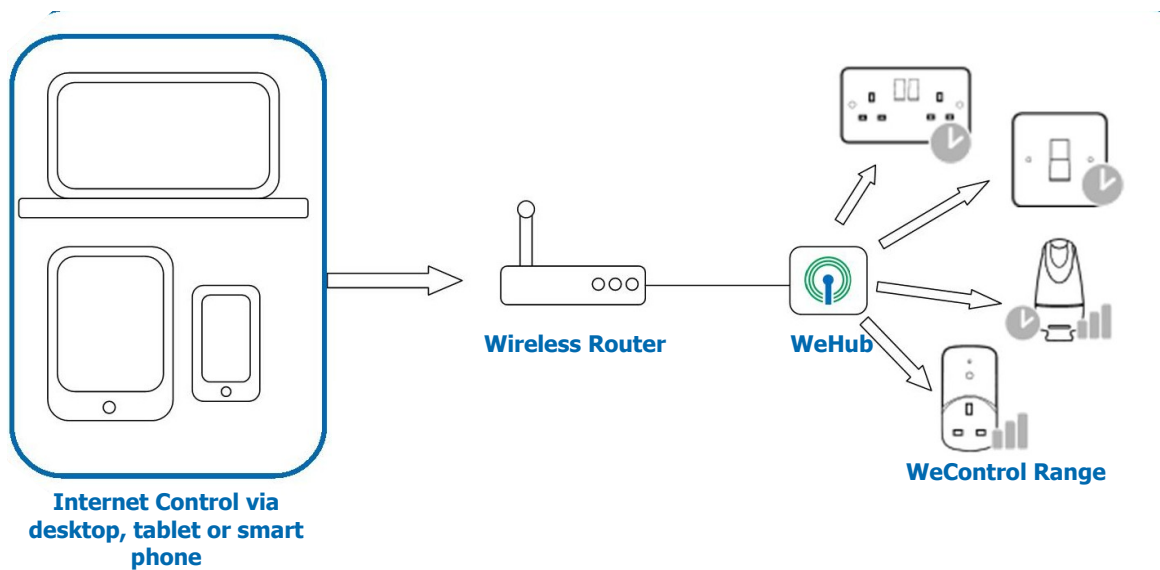UP TO 30% ENERGY SAVINGS | WIRELESS SYSTEM | MANAGE ONLINE | REMOTE ACCESS | SMART ROOM TECH | INTERNET OF THINGS | IF THIS THEN THAT

Internet Control via desktop, tablet or smart phone

Wireless Router

WeHub

WeControl Range

WeTRV

WeTRV is a wireless electronic thermostatic radiator valve developed for commercial buildings and estates. It retrofits directly to radiators to enable room by room heating control. It saves energy by heating only rooms which are in use and accurately controlling temperature to prevent overheating.

WeTRV communicates wirelessly via an ethernet connected Wehub. The Wehub is accessible online via desktop, tablet or smart phone for programming and monitoring, giving the building manager remote access to heating control, which suits WeTRV in particular to multi-occupation buildings, where maintenance access may be difficult.

WeTRV is quick to install, with minimal downtime. It requires no radiator system bleed and is battery operated, needing no wiring. The WeHub requires wireless access and ethernet connection.

Online access enables the building manager to programme or group WeTRV's, with optional lighting and electrical appliance controls, to suit building, level or zone requirements.

Multiple timers enable temperature profiles to be set to suit variations in room use. A manual boost button delivers a one-hour heat boost on demand to enhance comfort.

WeTRV's Valve Exercise feature reduces maintenance, working year round to prevent valve sticking. For areas where security is a concern an optional Security Kit prevents tamper or removal.

APPLICATIONS

Universities
Offices
Hotels
Care Homes

Hospitals
Schools
Apartments

WeTRV General

Dimensions	110mm x 45mm x 45mm
Controller type	Programmable
Zone type	Maintained or Intermittent

Power Supply

Supply	2 x 1.5V LR6 - AA Alkaline Batteries (included)
Battery life	Approx 1-2-1.5 years (dependent on use)
Memory	Yes

Quality and Reliability

Quality	Manufactured in the UK using high quality components
Reliability	BSEN 60730 BSEN15500 (Part) BSEN 60529 BSEN 50419

Operating Conditions and Precautions

Temperature	Operating: +5°C to +40°C Storage: -20°C to +60°C
Set Point Range	10°C to 24°C
Frost protection set point	10°C (default)
Protection Class	IP20

Other

Valve Adaptor Rings	28mm or 30mm (included) For information on adaptors, contact Chalmor

Optional Extras

- Security Kit
- WeControls: Lighting and electrical appliances
- WeSensors: Occupancy and open window detection coming soon

WeHub

Dimensions	90mm x 90mm x 25mm
Controller type	Wireless

Power Supply

Input current & Voltage	5 VDC, 150mA max
Connection	Micro USB
Ethernet	RJ45
Standby Power	0.3W
Transmission Frequency	434.300 MH$_Z$.

Quality and Reliability

Quality	IEC 60950-1:2005 + Am1: 2009 + Am 2:2013 EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN300 220-2 V2.4.1 EN301 489-3 V1.6.1 EN301 489-1 V1.9.2

Operating Conditions and Precautions

Temperature	Operating: 0°C - 40°C Storage: -40°C - 85°C. Indoor use only
Memory	Yes, if there is a connectivity issue, WeHub will continue to control
Range	Approx. 25m in open space

Guarantee

2 year product warranty as standard.

Disclaimer

Due to continual research and product development, this specification is subject to change without notice.

CARBON TRUST | ACCREDITED SUPPLIER

CE