

| | |
|-------------------|-------------|
| Uniclass L7522 | EPIC L22 |
| CI/SfB (56.84) | X |

Available from electric wholesalers and NICEIC engineers

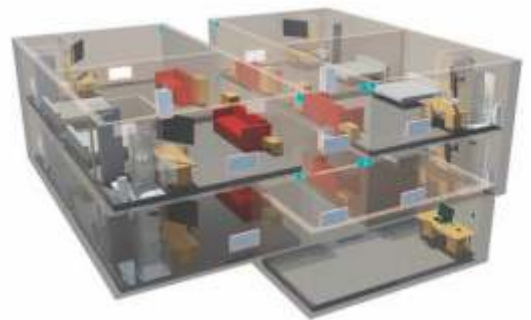
HEALTHCARE (LST) PANEL RADIATORS WITH WIRELESS THERMOSTAT - COMPLIANT TO HSE 43°C STANDARD and ECODESIGN LOT 20
Using Solar Panels, Wind Farm Energy, Home Energy Battery Packs and Electric Radiators

For Offices, Homes, Apartments, Sheltered Housing, Assisted Living, Nurseries, School, Rest and Care Homes, Healthcare Buildings and Public Areas where potentially vulnerable people and children might be living, working or visiting.

GENERATE ELECTRICITY FROM WIND FARM ENERGY



Lot 20 compliant



Wireless signals between thermostats and radiators are at 433 MHz.

The range of each thermostat is 30m, this maybe reduced by metal objects or thick walls.

GENERATE ELECTRICITY BY PV SOLAR CELLS

- 1 - Li-ion battery - 4kw
- 2 - Electric radiator - 500w
- 3 - Wind and solar cell distribution board
- 4 - Inverter
- 5 - Supply board
- 6 - Car charger socket

ecolec solar

©2017 Ecollec

Home energy storage with solar panels, wind farm energy and li-on battery.





All local space heaters manufactured for sale in the EU after 1st January 2018 which use electricity, gaseous or liquid fuels, must comply with a minimum efficiency standard. This includes electric radiators, electric underfloor heating and electric and gas fires.

 **PROUDLY MANUFACTURED IN THE UK**

Example of energy running costs (without timer) UK ONLY

The table below shows typical running costs for a range of electric room heaters. The actual costs will vary as electricity prices change, but what's important is how they compare with each other.

| | Typical heat output | Running cost per hour (standard meter) | Running cost per hour (Economy 7, night) | Running cost per hour (Economy 7, day) |
|---------------------|---------------------|--|--|--|
| Radiant bar fire | 2 kW | 28p | 13p | 36p |
| Halogen heater | 1.2kW | 17p | 8p | 22p |
| Convactor heater | 2kW | 28p | 13p | 36p |
| Fan heater | 2kW | 28p | 13p | 36p |
| Oil-filled radiator | 1.5kW | 21p | 10p | 27p |



Heat parade (electric) 1) radiant bar fire, 2) convactor heater, 3) oil-filled radiator, 4) fan heater, 5) halogen heater.

Source: www.cse.org.uk/advice/advice-and-support/room-heaters

Examples of battery packs



Source: © TM Tesla Powerwall

Better control saves energy, saves money

Department of Energy & Climate change suggest (2013) that a domestic energy bill is made up of 17% to hot water and 66% to domestic heating. Managing and controlling your heating **"Where you want it, when you want it"** is the key to saving money.

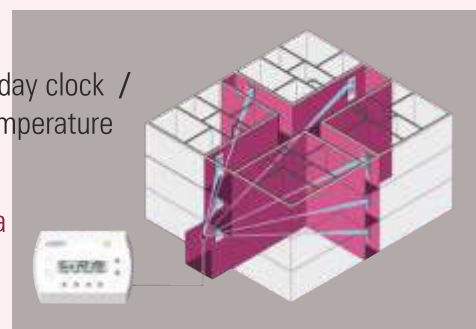
RADIATOR KEY FEATURES:

Simply wire the heater to a fused spur / Cable Length 2m / Cable exit on the rear - hidden wiring / Fitting Kit Supplied / No need to manually switch heaters "On" or "Off", if "Tuned" to a wireless controller.



WIRELESS CONTROLLER (TRANSMITTER) KEY FEATURES:

Keylock mode / Simple to Programme / Up to 6 temperature settings per day / 7 day clock / Advance mode / Economy mode / Holiday mode / Boost Mode / Inbuilt room temperature sensor / Frost protection / Powered by 2 x 1.5v Alkaline batteries

The TX control unit sends a 433MHz radio signal to each "registered" heater within a radius of 30 metres. Each RX panel heater has an inbuilt receiver designed to respond to a signal from the WCT 100/RX.



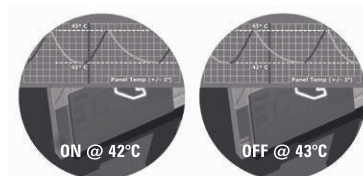
COLOUR OPTIONS

| | |
|--|---------------------------|
|  | RAL 9010 PURE WHITE |
|  | RAL 9001 CREAM |
|  | RAL 1015 LIGHT IVORY |
|  | RAL 1014 IVORY |
|  | RAL 7032 PEBBLE GREY |
|  | RAL 6019 PASTEL GREEN |
|  | RAL 6034 PASTEL TURQUOISE |
|  | RAL 5015 SKY BLUE |
|  | RAL 5002 ULTRAMARINE BLUE |
|  | RAL 5008 GREY BLUE |
|  | RAL 7047 TELE RGEY |
|  | RAL 9006 WHITE ALUMINIUM |
|  | RAL 7024 GRAPHITE GREY |
|  | RAL 7016 ANTHRACITE GREY |
|  | RAL 9005 BLACK |

To help preserve the environment, and as part of its sustainability policy, Ecolec offer a **Do Not Scrap** return-to-base full refit and refurbishment service.

A simple 3 point plan!

- **Measure Room Sizes**
- **Calculate Heat Loss**
- **Select Radiator**



SAFE TO TOUCH AT 43°C
AS ADVISED BY THE HEALTH & SAFETY EXECUTIVE

TEMPERATURE RANGE: 43°C
SUITABLE FOR BATHROOM USE

SPECIFICATION:

| LINE REF | CODE | DIMENSIONS (H X W X D) MM | ELEMENT (WATTS) | OUTPUT WATTS |
|----------------------------|--|---------------------------|-----------------|--------------|
| Powder Coated White | | | | |
| 10.1 | ECO 1000DLL/IP44/PC/RX/43 | 2000 x 500 x 40 | 1000 | 590 |
| 10.2 | ECO 1000DL/IP44/PC/RX/43 | 1500 x 500 x 40 | 1000 | 443 |
| 10.3 | ECO 500DLL/IP44/PC/RX/43 | 1000 x 500 x 40 | 500 | 295 |
| 10.4 | ECO 500DL/IP44/PC/RX/43 | 750 x 500 x 40 | 500 | 222 |
| 10.5 | ECO 250DLL/IP44/PC/RX/43 | 500 x 500 x 40 | 250 | 148 |
| 10.6 | ECO 250DLL/SB/IP44/PC/RX/43 | 1000 x 250 x 40 | 250 | 148 |
| 10.7 | ECO 500DL/SB/IP44/PC/RX/43 | 1500 x 250 x 40 | 500 | 222 |
| 10.8 | ECO 500DLL/SB/IP44/PC/RX/43 | 2000 x 250 x 40 | 500 | 295 |
| 10.9 | ECO 2000DLL/IP44/PC/RX/43 | 2000 x 1000 x 40 | 2000 | 1180 |
| 10.10 | ECO 2000DL/IP44/PC/RX/43 | 1500 x 1000 x 40 | 2000 | 886 |
| 3.9 | Selected Powder Coated RAL COLOURS available for additional charge to Line Ref. 10.1 to 10.10 | | | |
| 8.2 | 3mm thick Steel Powder Coated Silver Towel Rail 500mm factory fitted | | | |
| 8.3 | 3mm thick Steel Powder Coated Silver Towel Rail 400mm factory fitted | | | |
| 8.4 | 3mm thick Steel Powder Coated Silver Towel Rail 250mm factory fitted | | | |
| 8.5 | 3mm thick Steel Powder Coated Silver Towel Rail 500/400/250mm factory fitted x2 | | | |

**Battery Kit WCT100****CONTROLLER****MK1 230V Mains Kit**

NO PLUMBING, NO GUARDS, NO PIPEWORK, EASY PLUG AND PLAY INSTALLATION.

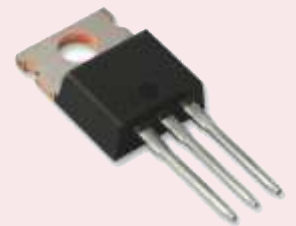
Ecolec® radiators use **Solid State Switching** technology

Long Life - Solid state switches have no moving parts. Therefore there is no mechanical wear and tear of the output contacts. Ideal for repetitive applications.

Quiet Operation- Solid state switching solutions make no acoustical noise when the output contacts change states. This is highly desirable in most domestic, commercial and medical applications.

Minimum Electrical Noise-Zero voltage turn-on and zero current turn-off allows for minimum electrical disturbances.

Fast Switching - Burst control can be easily achieved to provide accurate AC power control.



We use Triacs
(a semi-conductor device)

Sharrocks Street, Wolverhampton WV1 3RP

Tel: **01902 457575** Email: **sales@ecolec.co.uk** Website: **www.ecolec.co.uk**



Hereby, Ecolec Limited, declares that the radio equipment type thermostat and gateway are in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.ecolec.co.uk/support

© Ecolec © Ecolec 1995-2024.
All rights reserved Ecolec is a registered trademark of Ecolec Limited All specifications subject to change without notice.



**Proudly
Manufactured
in the UK.**

E & O E.