

Uniclass L7522	EPIC L22
CI/SfB (56.84)	X



Wireless Heating Systems

HEALTHCARE LST 43°C FAN HEATER

Fan Assisted Heater with Wireless Time and Temperature Control



HOW THE 2KW FAN ASSISTED HEATER WORKS

The 2kW fan assisted heater is designed to work with the WCT100TX controller. Using a WCT100TX, every day of the week can have up to six different room temperature settings programmed for times to suit the occupants of the property concerned.

When 'Actual Temperature' shown in the WCT100TX display is below 'Target Temperature,' a radio signal pulse is sent to the heater thus calling for heat. Communication continues regularly whenever heating is called for.

When the actual temperature approaches the current target temperature, heating output will reduce in steps, and will cycle up and down depending upon room temperature variation.

The fan may drop if heat output requirement is low (approximately 400 watts or less) during which time the unit will function as a conventional convector heater. Running costs will depend upon the room size, building type, insulation, whether windows are double glazed, etc.

**A simple to install wireless controlled heating system for the whole home and commercial applications.
Perfect for apartments, public areas, offices, showrooms, shops, nurseries, schools, retirement homes and healthcare!**

ECOLEC - Pioneering Heating

For more than ten years now, Richmond Villages, Warwickshire have pioneered Assisted Living. Residents have their own front door, living room, galley kitchen, plus bedroom and ensuite shower room. It's a real home from home, in a thriving community. Set within beautiful gardens and with it comes greater privacy and greater independence.

When it became necessary to replace the care homes old heating system, Richmond Village decided it would be appropriate to specify a 'pioneering' new heating system from Ecolec.

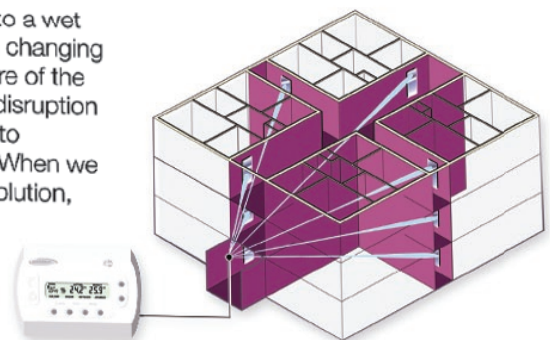
The Ecolec wireless controlled heating system was installed throughout the building, enabling the staff to set the temperature in corridors and communal areas, while giving the residents complete control of the temperature in their own rooms.

John Cashmore facilities manager at Richmond Villages, talks about the benefits of the Ecolec system: "The primary problem with traditional electric heating in a residential home environment, where some of the residents may have impaired sensory abilities, is that burns can all too easily occur. To ensure this risk is minimized, we need to ensure surface temperatures within the home do not exceed the government set standard."

John continues: "Changing to a wet heating system would mean changing the fundamental infrastructure of the building and causing major disruption to the lives of residents, not to mention the financial costs. When we looked to the market for a solution, the options were limited but The Ecolec system fitted the bill, whilst also being noise free and energy saving"

The Ecolec Wireless transmitter has been designed and manufactured to the following harmonised standard: ETSI EN 300 220-3 433.92 Mhz operating band and is compliant to "Waste Electrical & Electronic Equipment (WEEE) Regulations 2006"

Ecolec believe that installing properly controlled electric heaters can control the primary carbon footprint of our homes and properties.



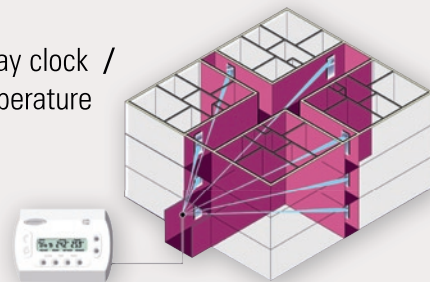
RADIATOR (RECEIVER) KEY FEATURES:

Simply wire the heater to a fuse spur / Hidden wiring / No need to manually switch heaters "on" or "off"

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

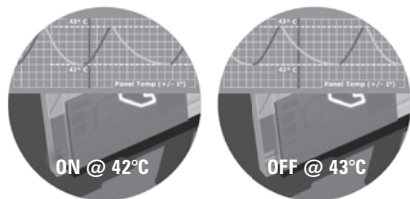
The TX control unit sends a 433MHz radio signal to each "registered" heater within a radius of 30 metres. Each RX panel heater has an inbuilt receiver designed to respond to a signal from the WCT 100/RX.



SPECIFICATION:

LINE REF	CODE	DIMENSIONS (W X H X D)	ELEMENT (WATTS)	OUTPUT (WATTS)	OUTPUT (BTU'S)
Powder Coated White					
17.1	LSTH 2000/43/PC/RX	1000 x 500 x 100	2000	2000	6824
Powder Coated Silver					
17.2	LSTH 2000/43/PCS/RX	1000 x 500 x 100	2000	2000	6824
Powder Coated Black					
17.3	LSTH 2000/43/PCB/RX	1000 x 500 x 100	2000	2000	6824

TEMPERATURE RANGE: NHS LST 43°C



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