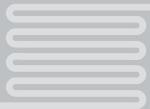


# LOW SURFACE TEMPERATURE RADIATORS



LOW SURFACE TEMPERATURE RADIATORS  
Stylish and safe

The low surface temperature (LST) radiator is a hydronic heating radiator that combines performance with safety and design. The LST radiator was designed to minimise the risk of contact with high temperatures but it does much more. Due to the very design of an LST radiator, the high efficiency heat exchanger and low water content allows for a fast response time to temperature demands resulting in savings in energy use and running costs as well as being environmentally friendly.

The LST radiators unique design, utilising purely naturally convected heat rather than a combination of convected and radiated heat like a standard panel, means that the case remains safe to touch at all times making it ideal for public places such as nursing homes; hospitals and child care centres.



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# LST RADIATORS

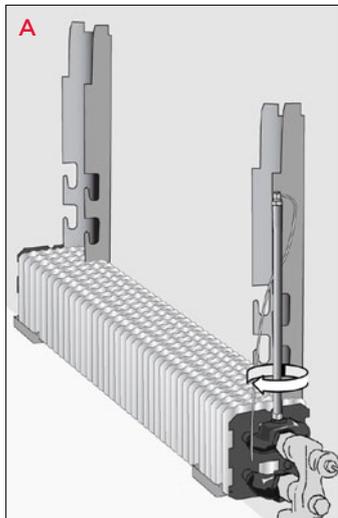
## FEATURES OF LST RADIATORS

### Low H<sub>2</sub>O Technology

LST radiators by their design are low-water content radiators having only 1/10th the water that an equivalent standard steel panel radiator would require this allows for a faster response time to changes in temperature demands resulting in higher energy efficiency and cheaper fuel bills, as well as being environmentally friendly contributing to reducing CO<sub>2</sub> emissions. The heat exchanger is manufactured from pure copper and aluminium and is fully recyclable at the end of its life.

LST radiators by their design (low water content) are ideally suited to high efficiency condensing boilers offering even further savings on energy usage and running costs.

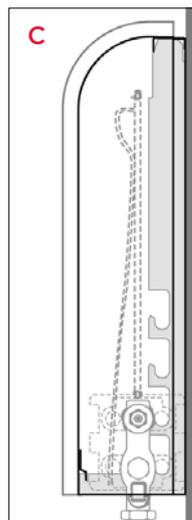
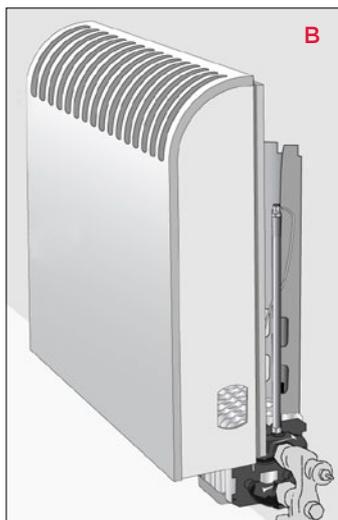
Jaga offer a twin power model version of their LST radiators that features twin heat exchangers allowing the boiler temperature to operate up to 15% lower than for equivalent standard radiator dimensions offering further energy and running cost savings.



A) Copper and aluminium low H<sub>2</sub>O heat exchanger.

B) Exterior casing (for illustration purposes only) has been designed with style and safety in mind; fits over the LST radiator components.

C) Installed LST radiator with all components fully concealed.



### Safety

LST radiators are classed as a safe heating option as the outer casing remains cool to touch at all times, due to the produced heat being convected, regardless of the temperature which reduces the risk of burns; the safety element of LST radiators makes them ideal for care home facilities, hospitals and any child care centre. The Jaga LST radiators have been approved for use in NHS hospitals in the UK.

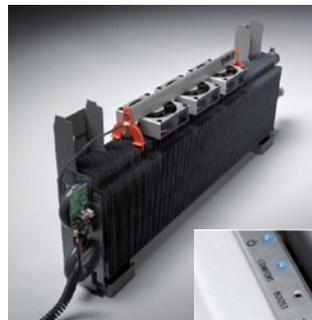
An additional safety feature of some LST models is the inability to remove the external casing without tools preventing the risk of harm to the general public. Whilst the design aesthetics of the fascias vary they all have one thing in common, rounded edges to eliminate the risk of injury.

### Design

While safety is of paramount importance, design has not been neglected; from the sleek contemporary fascia of the Strada and the textured flat fascia of the Solazor; the classically timeless design of the Tempo or the robust appearance of the Maxi there is an LST radiator to complement any interior decor. Whilst aimed primarily at facilities where safety is of upmost importance the attractive design of the LST radiator fascias makes them equally suitable for the home offering all the safety and energy efficiency benefits.

The casings are finished in scratch resistant paint for durability. For safety and aesthetics the valves and connections are concealed within the casing. All LST exterior casings come with a 10 year guarantee for peace of mind.

### DYNAMIC BOOST EFFECT - DBE - JAGA LST RADIATORS ONLY



The DBE technology developed by Jaga allows the LST radiator to adapt to its environment, the technology of the DBE constantly monitors the temperature of the room, if the temperature falls below what is required a signal is sent to



the DBE unit which then silently increases the heat emission of the radiator and reduces when the required heat output is reached. The DBE has 3 levels of power, standby,

comfort and boost, in comfort mode the output is increased by 50% and in boost mode the power is increased up to 250%.

The DBE feature allows for less energy use due to the faster heat up time, an LST radiator with DBE technology can deliver heat up to 9 times faster than a standard radiator, not only resulting in increased efficiency by benefits the environment by cutting down on emissions.



# LST RADIATORS

## STRADA LST BY JAGA

The Strada is Jaga's award winning (IF Design Award for innovative design) LST radiator, here function and form are combined to produce an energy efficient yet subtly stylish heating product.

Industry leading low H<sub>2</sub>O technology is encased within a contemporary design; the sleek fascia and top grill is available in satin white gloss (Ral 9016 or 9010) or sandblast metallic grey as standard. A stylish optional towel rail is available



## TEMPO LST BY STRADA

The Tempo with its horizontally lined front panel is a classic and universally appealing LST radiator; it features synthetic rounded corner pieces for safety; finished in classic white (Ral 9010) either wall mounted or free standing options; in the free standing model the front and back fascia panels are the same with telescopic feet. The casing comes with two locks which means it cannot be removed without tools.



## MAXI LST BY STRADA

The Maxi with its galvanised steell exterior casing is extremely resilient and has an industrial appearance compared to the Strada and Tempo. The Maxi complies with the highest safety requirements making it ideal for places where durability and safety are of utmost concern. With the low H<sub>2</sub>O technology the Maxi provides powerful heat output with low surface contact temperatures.

The Maxi fascia has soft rounded edges to prevent any accidental injury and comes in Gloss white (RAL 9016 or 9010) and metallic sandblast grey as standard. The Maxi is available wall mounted as well as floor mounted to provide flexible sitting options.



## KNOCKONWOOD

The knock on wood is the first wooden radiator; the curved wooden casing gives the radiator a graceful and beautifully natural appeal. This innovative radiator from Jaga, which can be wall mounted or free standing, is available in nine wooden finishes with a scratch resistant gloss varnish finish and features all of the standard Jaga LSt technology resulting in an efficient, environmentally friendly product as well as a feature of beauty.

