



## PRODUCT SPECIFICATION

JAGA HEATING PRODUCTS (UK) LIMITED . JAGA HOUSE > ORCHARD BUSINESS PARK > BROMYARD ROAD > LEDBURY > HR8 1LG

### Product: Jaga Guardian LST.

#### Material :

##### Guardian LST – Wall model (.../WT)

1.25mm thick electrolytic, galvanised steel plate.

Front and side panels manufactured from 1 continuous sheet.

Side panels c/w laser cut knock-outs to allow for various valve configuration options (top left, top right, bottom left, bottom right).

Casing profiled to avoid sharp edges.

Top grille, profiled backward angle galvanized steel 0.80 thick, coated in the same colour as the casing.

Casing lock as standard – fitted to brackets.

Outputs meet standard EN 442.

The surface temperature will not exceed 43°C, even with a water flow of 90 °C and complies to the DHSS DN 4 1992 regulation and subsequent revisions.

##### Guardian LST – Floor model (.../FT)

1.25mm thick electrolytic, galvanised steel plate.

Front and side panels manufactured from 1 continuous sheet.

Side panels c/w laser cut knock-outs to allow for various valve configuration options (top left, top right, bottom left, bottom right).

Additional laser cut knock-outs to accommodate low level pipework, with cut-outs in the lower sections of the brackets to allow the pipe work to run through.

Casing profiled to avoid sharp edges.

Laser cut front grille.

Top grille, profiled backward angle galvanized steel 0.80 thick, coated in the same colour as the casing.

Casing lock as standard – fitted to brackets.

Outputs meet standard EN 442.

The surface temperature will not exceed 43°C, even with a water flow of 90 °C and complies to the DHSS DN 4 1992 regulation and subsequent revisions.

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### Heat Exchanger:

Shall be manufactured from seamless copper tubes, fitted with aluminium fins. The fins shall provide high contact area to the tubes, guaranteeing optimum efficiency, across a wide range of flow & return water temperatures. The heat exchanger shall be complete with 2No. brass ½" BSP connections. Generally these shall be same end connections except where specified to the alternative, and be suitable for left or right hand installation.

The complete heat exchanger assembly shall be non-corrosive and the whole assembly shall be electrostatically lacquered with dirt repellent and dust proof anthracite grey epoxy polyester lacquer RAL 7024 gloss degree 70%.

The heat exchanger shall be supplied complete with ⅛" BSP air vent & ½" BSP drain plug, and the whole assembly to be pressure tested to 20 bar, with a maximum working pressure of 10bar. The heat exchanger shall be of sufficient quality to be provided with the manufacturer's 30 year guarantee.

### Finish

The casing is in a scratch resistant satin gloss epoxy polyester finish in RAL 9016, UV-resistant due to ASTM G53.

### Options

Extended air vent for heat exchanger.

Pencil proof grille under the existing grille.

Dynamic Boost Effect option to increase output.

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