

Knockonwood

Material

- Low-H₂O heat exchanger is composed of round, seamless circulation tubes made of pure red copper, with pure aluminium fins and two brass collectors for left or right 1/2" same end connection.
- Extended air vent 1/8" and drain cock 1/2" are included.
- Pressure test: 20 bar
- Working pressure: 10 bar
- Brackets: galvanized steel plate thickness 1 mm, dark grey lacquered, with a maximum intermediate distance of 1.05 m.
- Casing pre-fitted and supplied in one single piece, consisting of:
 - front panel with grille made from a single curved, finished wood laminate panel at least 16 mm thick. FSC-labelled.
 - sides and chassis made from electrolytic galvanized steel plate 1.25 mm thick, fitted with a hole underneath for use with an integrated Jaga valve, including metallized cover plate for the unused hole.
- Strong and functional packaging, can be used as a protective cover during construction works.

Colour

- Heat exchanger electrostatically lacquered with anthracite grey epoxy-polyester RAL 7024, gloss degree 70%.
Sides and chassis lacquered in the colour sandblast grey metallic, in a scratch resistant epoxy-polyester powder, sprayed electrostatically and baked at a temperature of 200°C. UV resistant due to ASTM G53.
- Front panel with grille finished in veneer, inside koto veneer, outside in: oak / bleached oak / mahogany / wenge-coloured oak / beech / bleached beech / maple / walnut / zebrano veneer (FSC-labelled).

The surface temperature remains safe at all times, even at a water temperature of 90°C.

Manufacturer: Jaga

Type: Knockonwood

Outputs meet standard EN442.

Options

- Brush for easy cleaning of the underside of the heat exchanger.
- Calorimeter holder.

How to install

The building services engineer chooses the heating elements considering the following conditions:

- A heat output calculation according to the standard.
- Tables of heat outputs and dimensions for **Knockonwood / Strada / Linea Plus** elements, according to EN 442
- The normal fitting position for the heating elements is under the window, and to achieve the most aesthetically pleasing appearance the casing should not be wider than the total width of the window.
The height of the casing has to be a function of the heat loss calculations; aesthetically narrower types are preferable. Types 20 and 21 are more suitable for utility areas.
- When only small outputs are required, the casing can be extended, if necessary, to fill up the total window space
- the minimum space requirement under the heating elements is: for **Knockonwood / Strada / Linea Plus**
 - 10 cm for types 06, 10 and 11
 - 12 cm for types 15 and 16
 - 15 cm for types 20 and 21
- As minimum space between the top of the casing and the extended window sills, the above mentioned dimensions have to be applied.
- The heat exchangers will be connected to a two pipe system, with a same end connection.

The flow valve always has to be fitted to the top connection of the heat exchanger.

- The specially designed thermostatic **Jaga-Danfoss / Jaga Comap / Jaga / Jaga type 6 / Jaga-Pro** valves can be connected to **plastic central heating service pipes/ RPE/ALU. tube / copper tube/ steel pipe**.
The valve body is concealed within the standard casing
- **Jaga Danfoss** thermostatic heads **white type RA / white type RAX / chrome type RAX/ Jaga** thermostatic heads / **Jaga Deco** thermostatic heads **chrome / Jaga Deco** thermostatic heads **chrome-white / Jaga Comap** thermostatic heads **silver / remote controlled Jaga** thermostatic heads / **Jaga Deco** thermostatic heads **chrome-white with sensor at distance / not / to be fitted**.