



CLIMATE DESIGNERS

## Installation in a wall recess

### Material

- Low-H<sub>2</sub>O 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. Air vent elbow (standard) or automatic air vent (twin) 1/8" and drain plug 1/2" are included.
- Pressure test: 20 bar
- Working pressure: 10 bar
- Brackets are included and made of sendzimir galvanised steel plate of 1 mm; supplied to be installed with a maximum intermediate distance of 1.05 m.

Separation wall (not suitable as definite casing)

Double profiled, electrolytic galvanized steel plate of 0.7 mm thick ; lacquered dark grey. To be attached to the lips of the brackets. The separating wall has to be fitted as close as possible to the grille.

### Colour

Heat exchanger electrostatically lacquered with anthracite grey epoxy-polyester RAL 7024.

Manufacturer: Jaga

Type: Heat exchanger for installation into a wall recess

Outputs meet standard EN 442.

### Options

- Top valve
- Automatic air vent for heat exchanger type 10 / 15 / 20.
- 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 elements for installation into a wall recess, according to EN 442
- when only small outputs are required, the casing can be extended, if necessary
- the minimum space requirement under the heating elements is:
  - 10 cm for types 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 separation wall and the extended window sills, the above mentioned dimensions have to be applied.

- the heat exchangers will be connected to a **one pipe system / two pipe system**, with a same side end connection. The heat exchangers are equipped with 1/2" brass collector, 1/8" air vent and a 1/2" drain plug. The flow valve always has to be fitted to the top connection of the heat exchanger. The specially designed thermostatic **Jaga Danfoss / Jaga / Jaga-Pro / Jaga-Top valves** / can be connected to plastic central heating

service pipes / RPE/ALU. pipes / copper pipes / 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.