



CLIMATE DESIGNERS

## Vertiga

Pre-assembled vertical heater with vertical louvers on the left and right and pencil-proof suction inlet at the top and bottom. The top side of the front panel is hooked onto the wall cassette. Suitable for mounting on the wall. Comes equipped for installation onto classic water heating systems.

### Material

#### Wall cassette

Frame/back wall made of 1.25 mm thick galvanized steel plate.

The wall cassette is covered with sound-absorbing polyester wool, thickness 15 mm, density 20 kg/m<sup>3</sup>

In a scratch resistant epoxy-polyester powder, sprayed electrostatically and baked at a temperature of 200°C. UV-resistant due to ASTM G53

#### Dynamic heat exchangers:

The heat exchanger is manufactured from round, seamless circulation tubes of pure red with pure aluminium fins with a distance of 2.1 mm between them and equipped with an integrated messing collector. Included air vent 1/8"

- the heating elements are connected to a two pipe system
- heat exchanger electrostatically lacquered with anthracite grey epoxy-polyester RAL 7024, gloss degree 70%.
- pressure test: 25 bar
- working pressure: 12 bar

#### Ventilator

Extremely quiet axial ventilators in ABS cover, placed in EPDM vibration-muffling, with ball bearing support.

#### Hydraulic connection

Universal bottom connection MM middle, G1/2" female thread. Distance between supply/return 50mm. Supply can be connected to the left or right, with or without thermostatic radio valve.

Top connection: the device is reversible; ventilator can be installed on the CH pipe.

#### Electric connection

Wall cassette has pre-perforated escape openings for transfer of electric pipe. Includes clamp connector 230 VAC.

#### Power supply

12VDC / 30Watt, integrated on interior of the wall cassette.

#### Control

3-speed control

Identical to version 1, but with 3 position switch to control the ventilator speed. Control with boost function LED indication on the side of the device.

#### Casing/front panel

**Vertiga front panels are covered on the inside with sound-absorbing** polyester wool, thickness 15 mm, density 20 kg/m<sup>3</sup>.

Front panel: electrolytic, galvanized steel plate of 1.25 mm thick.

The casing is lacquered in the colour

- traffic white RAL 9016, soft touch lightly structured satin lacquer
- sandblast grey 001, fine texture metallic
- other: see colour chart, only soft touch (100 series) and satin mat (300 series).

In a scratch resistant epoxy-polyester powder, sprayed electrostatically and baked at a temperature of 200°C. UV-resistant due to ASTM G53

The surface temperature remains safe at all times, even at a water temperature of 90°C. Vertiga complies with the safety requirement DHSS DN4 1992.

Manufacturer: Jaga N.V.

Model: Vertiga

### 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 Vertiga elements, according to EN 442.
- The device is mounted on the wall with the wall cassette.
- The specially designed thermostatic connection sets / thermostatic Jaga Deco / Jaga-Pro valves / manual Jaga Deco valves can be connected to plastic central heating service pipes / RPE/ALU. tube / copper tube/ steel pipe.
- Jaga thermostatic heads / Jaga Deco thermostatic heads chrome / Jaga Deco thermostatic heads chrome / white / Jaga Comap thermostatic heads silver / not to be / to be fitted.