

Pre-mounted climate control device, ceiling and wall version, built-in or surface-mounted. (Built in Wall) / Ceiling

Depth 12 cm.

- 2-pipe or 4-pipe system
- heating standard equipped for connection to conventional heating systems
- cooling: standard equipped for connection to ice water power
- ventilation: or connection to mechanical ventilation
- to prevent odor nuisance, the condensate drain must be connected to a regularly used drain pipe with a siphon or trap

Briza Built-In

Height 38 cm and 52 cm.

Support frame:

made of 1 mm galvanized steel sheet.

A minimum installation depth of 13 cm must be possible without problems.

The device is equipped with:

- a condensation collecting tray and Ø 2 cm drain (wall version)
- condensate collection in the front panel, with connection for a drain pipe Ø 2 cm (ceiling version)
- insulation to avoid the formation of condensation and to reduce the noise

Casing:

Height of casing 41 cm or 55 cm.

- pre-assembled 1.25 mm thick front panel and side panels made of electrolytically galvanized steel sheet
- lacquered in the color white (RAL 9010) / traffic white (RAL 9016) / sandblast metal gray / fine texture metallic / other (see colour chart)
- top grille, painted in the same color as the casing
- coating: 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 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.

Device with built-in thermostat

Height of casing 41 cm or 55 cm.

Supporting frame + housing + thermostat

- controls the fan with a temperature sensor
- heating / cooling - 230 V 0...10VDC fan speed
- full pre-mounted two-way valve 230V
- full pre-mounted power supply 230 VAC to 24 VDC for the fan
- for 2-pipe or 4-pipe wall model with casing

Heat exchanger:

Standard connection left.

From round, seamless circular pipes in pure copper, connected to pure aluminium panels with a mutual distance of 2.1 mm and an integrated brass collector, including air venting.

- pressure test: 25 bar
- workload: max 12 bar
- hydraulic connection ½" F, standard left
- connection on the right only with a right-hand electrical connection, on demand

Fan with with EC motor

Electrical connection standard connection right.

- tangential activators with aluminium fins, inserted in EPDM vibration-reduction, with ball bearing support
- programmable 24 VDC EC motor with 0...10 V stepless control and stainless steel filter
- extreme low consumption (max. 24 Watt)
- noise reduction: resin-coated winding in EPDM vibration damping
- connection on the left only with a left-hand electrical connection, on demand

Description Briza 12 Fancoil

2-pipe system

- heating or cooling by means of one water-sided standard heat exchanger via one water-sided circuit for cooled or hot water.

4-pipe system

- heating and cooling by means of a standard heat exchanger and a second heat exchanger, via 2 separate water-sided circuits for cooling water and hot water.

Minimum installation height

- the minimum distance between the bottom of the panelling and the floor is at least 10 cm
- the minimum blow space at the top of the unit is 15 cm

Options:

- corner piece 90° air nozzle for recessed fitting into a wall or ceiling
- adjustable aluminium outlet grille for wall and ceiling installation
- condensate pan with drainpipe Ø 2 cm (only for ceiling installation)
- condensation water level sensor for condensation pan (micro float switch)
- thermostat RDG160T: fan speed 0...10 V, valves with motor 0...10 V, heating, cooling, automatic or manual
- Jaga thermostat JRT100: 2 pipe and 4-pipe, heating, cooling, semi recessed
- Jaga thermostat JRT100TW: 2 pipe and 4-pipe, heating, cooling, semi recessed, with touch-screen en WIFI
- Jaga thermostat JRT200: 2 pipe and 4-pipe, heating, cooling, for wall mounting
- JDPC Jaga Dynamic Product Controller
 - heating / cooling / standby, met auto changeover
 - supply voltage: 24VDC
 - 0-10V input for building management system / thermostats
- valve connection set 24 VDC, 0...10V connection
- valve connection set 2 return valves M24 90°
- Jaga two-way valve and thermoelectric motor 230VDC, (only for the distributor)
- clamp couplings M24:
 - thin-walled metal ø M24 x 10/1, 12/1, 14/1, 15/1, 16/1 en 18/1
 - plastic ø M24 x 12/2, 14/2, 16/1.5, 16/2, 17/2 en 18/2
 - VPE/ALU ø M24 x 14/2, 16/2, 16/2.2 en 18/2
 - steel C.H. tube Ø M24 x 1/2"
- 24 VDC power supply 36W input voltage VAC 85 ~ 264 VDC 120 ~ 370
- 24 VDC power supply 60W input voltage VAC 85 ~ 264 VDC 120 ~ 370
- 24 VDC power supply 92W input voltage VAC 85 ~ 264 VDC 120 ~ 370

Manufacturer: Jaga N.V.

Built-in:

Briza 038 BZBW - Built-In Wall
Briza 038 BZBC - Built-In Ceiling
Briza 052 BZBW - Built-In Wall
Briza 052 BZBC - Built-In Ceiling

With casing:

Briza 041 BZMW - Wall
Briza 041 BZMC - Ceiling
Briza 055 BZMW - Wall
Briza 055 BZMC - Ceiling