

jaga

CLIMATE DESIGNERS

BRIZA 22 WALL / CEILING

Pre-mounted air conditioning unit, in six lengths, for installation on wall or ceiling. Available in four versions (wall), and two versions (ceiling), each in 2- or 4-pipe connection. 0...10V connection to home automation.

Versions:

Wall BAMW/BT (Standard version)

Pre-mounted casing: top grille / side panels / front panel.

- air exhaust at the top
- air supply at the bottom

Wall BAMW/FT (Optional version)

Pre-mounted casing: top grille / side panels / front grille and front panel / bottom panel.

- air exhaust at the top
- air supply at the bottom

BAMW/BF (Optional version)

Pre-mounted casing: top panel / side panels / front grille and front panel.

- air exhaust at the top
- air supply at the bottom

BAMW/FF (Optional version)

Pre-mounted casing: top panel / side panels / 2x front grille and front panel / bottom panel.

- air exhaust at the front (front grille)
- air supply at the front (front grille)

Briza 22 Ceiling:

Pre-mounted air conditioning unit, in five lengths, for installation in ceiling. Available in two versions, each in 2- or 4-pipe connection.

Ceiling BAMC/BT (Standard version)

Pre-mounted casing: top grille / side panels / front panel.

- air exhaust at the top
- air supply at the bottom

Ceiling BAMW/FT (Optional version)

Pre-mounted casing: top grille / side panels / front grille and front panel / bottom panel.

- air exhaust at the top
- air supply at the front

The support frame: consists of a reinforced galvanized steel plate, complete with - self-extinguishing - anti-condensation insulation on the side, back and front panels of the unit.

- the wall version is equipped as standard with a condensation drain pan on the left.
- the ceiling version is equipped with a condensation collecting in the front-plate, and the condensate drain with natural drainage on the left side of the device, connection Ø 20mm.
- to avoid smells, connect the condensation outlet to a frequently-used drain-pipe fitted with a siphon trap.

Casing:

Front- and side panels : made of electrolytic, galvanised steel of 1.25 mm thick.

Grilles: made of Sendzimir, galvanised steel plate of 0.80 mm thick, profiled backwards angled steel plate with angled topside.

Colour: lacquered in the colour traffic white RAL 9016 (233), smooth glossy finish / sandblast grey 001 fine texture metallic / other (see colour chart).

The coating is a scratch resistant epoxy-polyester powder, sprayed electrostatically and baked at a temperature of 200 °C.

Heating: standard equipped for connection to traditional water heaters.

Cooling: standard equipped for connection to chilled water supply.

Ventilation: connecting to mechanical ventilation.

Dynamic heat exchanger:

High-quality Dynamic aluminium - copper heat exchanger with Hydrophilic coating. The heat exchanger consists of a

coil with three round rows seamless circulation tubes of pure red copper, connected with pure aluminium fins brass 2:08 mm spaced, and cast collectors equipped with a patented low pressure loss hydraulic distributor.
Maximum pressure heat exchanger: 20 bar.

Hydraulic connection:

2-pipe system:

- standard heat exchanger G3/4" G connection on the left. Also available with hydraulic connection to the right.

4-pipe system:

- standard heat exchanger G3/4" G connection on the left. Also available with hydraulic connection to the right.
- additional 2de heat exchanger G1/2" G, connection on the left. Also available with hydraulic connection to the right.

GREEN-TECH Fan unit(s):

Centrifugal fans with GreenTech EC technology: Energy-saving, easy operation, low noise.

Motor:

- from aluminium, mounted with vibration dampers on both sides. 230 VAC, 50-60 Hz, (see identification plate). Protection class motor IP44, electronic IP20, depending on installation and position.
- Control input 0-10 V, electrically insulated. Voltage output 10 V, 1.1 mA, electrically insulated.

Fan impeller:

- forward curved, from PP synthetic

Electrical connection:

- standard to the right of the appliance
- by means of terminals (earthing, - / + 230, 0 ... 10 V), . Supply Voltage 208-230 V / 50 - 60 Hz.

Dust filter:

Replaceable filter made of synthetic fibers, (filter class G2), removable from the front of the unit.

Terms of Use:

Air-conditioning unit for indoor use, to provide in the summer and during the winter the required heating and cooling (summer and winter, air conditioning).

For indoor spaces with domestic or similar use.

The device is not intended for installation or use in damp areas, such as laundry rooms (IEC EN 60335-2-40).

Conforms to the following guidelines:

- the provisions of the Machinery Directive 2006/42/EC
- Low Voltage Directive 2014/35/EC,
- Electromagnetic Compatibility Directive 2014/30/EC

Operating limits:

- max Temperature supply water: 90 ° C.
- maximum pressure heat exchanger: 26 bar.
- supply voltage: 230 V ± 10%.

How to install:

Free space air intakes and outlets:

- minimum 150 mm free space air inlet device (bottom of device)
- minimum 150 mm distance air outlet (top of appliance)

Options:

- 230 VAC motorised damper: air switch box with motorized damper with 0..10V control for outdoor air inlet
- wall ventilation grille Ø 125mm
- inlet angle piece 90°
- exhaust angle piece 90°
- adjustable air inlet grille for 90° angle pieces

Built-In Ceiling:

- inlet plenum 180° with round flanges, connection Ø 200 mm
- thermally insulated exhaust plenum 180° with round flanges connection Ø200 mm
- condensate pump mounting bracket

Control options:

- EC thermostat RDG 160T, 24VDC, 0..10V speed control
- room-thermostat Jaga JRT 100 TW (WIFI)
- room-thermostat Jaga JRT 100 or JRT 200
- room-thermostat Siemens (with 0..10VDC OUT)
- Jaga JFCC controller. The controller is factory installed and preprogrammed.
- JDPC Jaga product controller

Manufacturer Jaga n.v. Belgium.

Type: BRIZA 22 HYBRID WALL / BRIZA 22 HYBRID CEILING

BRIZA 22 BUILD IN WALL / CEILING

Pre-mounted air conditioning unit, in six lengths, for installation in wall or ceiling. Available in four versions (wall), and two versions (ceiling), each in 2- or 4-pipe connection. 0...10V connection to home automation.

Build-in Wall BABW/BT (Standard version)

- air exhaust at the top
- air supply at the bottom

Build-in Wall BABW/FT (Optional version)

- air exhaust at the top
- air supply at the front

Build-in Wall BABW/BF (Optional version)

- air exhaust at the front
- air supply at the bottom

Build-in Wal BABW/FF (Optional version)

- air exhaust at the front
- air supply at the front

Briza 22 Build in Ceiling:

Pre-mounted air conditioning unit, in five lengths, for installation in ceiling. Available in two versions, each in 2- or 4-pipe connection.

Build-in Ceiling BABC/BT (Standard version)

- air exhaust at the top
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Build-in Ceiling BABW/FT (Optional version)

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- air supply at the front

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Cooling: standard equipped for connection to chilled water supply.

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