jaga
CLIMATE DESIGNERS

Mini DBE

Fully pre-mounted

Material
DBE technology.
The Low-H2O heat exchanger is manufactured from round, seamless circulation tubes of pure red copper, with pure aluminium fins and two brass collectors for left or right 1/2” same end connection.
- Air vent 1/8” and drain cock 1/2” are included.
- Pressure test: 20 bar
- Working pressure: 10 bar
- The casing: in one piece, electrolytic painting, galvanized double profiled steel plate 1.25 mm thick
- The top grille: electrolytic, galvanized steel plate of 0.80 mm thick, profiled backwards angled steel plate with angled topside.
- Wall brackets or feet delivered in same colour as the casing
- Jaga thermostatic valve with connection to the feet, left or right
- Sleeve couplings

Colour
Heat exchanger electrostatically lacquered with anthracite grey epoxy-polyester RAL 7024, gloss degree 70%.
The casing is lacquered in the colour traffic white RAL 9016 (133), soft touch lightly structured satin / sandblast grey (001) fine texture metallic / other (see colour chart)

The coating is a scratch resistant epoxypolyester 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 with a waterflow of 90°C.
Mini complies to the DHSS DN 4 1992 regulation and subsequent revisions.

Manufacturer: Jaga
Type: Mini dbe

Outputs meet standard EN442.

Option
- brush for easy cleaning of the heat exchanger.

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 Mini DBE 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
> 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 one pipe system / two pipe system, with a same side end connection. Mini height 8 cm will be connected with an other end connection. The heat exchangers are equipped with 1/2” brass collector, 1/8” air vent and a 1/2” drain cock. 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. tube / copper tube / steel pipe. The valve body is concealed within the standard casing
> 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.