



Pre-assembled heating unit for floor mounting 2-pipe version
Very suitable for connection to low-temperature systems such as heat pumps, solar-energy systems and condensing boilers.

All components have been mounted with special spring steel hanging hooks, allowing all parts to be dismantled quickly and easily for regular cleaning and maintenance without the need for water-side or electrical disconnections. This does, however, require the use of the standard supplied flexible connection hoses.

COMPONENTEN

HOUSING:

- 1.5 mm outer casing in Sendzimir-galvanised sheet steel, with height adjustment
- 1mm inner casing with fine adjustment and a stainless-steel grille support
- anthracite grey scratch-resistant epoxy polyester coating, RAL 7024, gloss level 10%
- fine adjustment to max. 1 cm, for a perfect alignment with the finished floor
 - height: 6 cm
 - a minimum installation depth of 6.8 cm
 - width: 13 cm
 - length: 60 / 95 / 130 / 165 / 200 cm

Rigid stainless steel grille:

Stainless steel grid with transverse aerodynamic profiles.

Heat exchanger

Round seamless circulation pipes made of pure red copper, connected with pure aluminium fins, with a spacing of 2.1 mm and an integrated brass collector, including air vent 1/2".

- the heat exchanger has been coated electrostatically with black epoxy polyester powder RAL 9005
- 2-pipe version: 2x Connection 1/2" female thread

FAN:

EC tangential fan with durable ball-bearing motor and integrated stainless steel air filter.

- supply voltage 24VDC
- control voltage 0...10VDC
- colour black, gloss level 70%.

Electrical connection:

- Integrated electrical connector block with manual spring pressure system.
- Standard connection to the left.

Stainless steel flexible connection hoses 1/2", lengths between 15 and 25 cm

24 VDC power supply:

- Required output: sum of the unit's power consumption (at maximum speed) 40 W
- DIN rail or wall mounting
- UL1310 Class 2
- convection cooling

OPTIONS

Valve unit

- length 35 cm
- connection set with thermostatic valve, lockshield and thermoelectric drive 24 VDC
- outer casing with height adjustment
- inner casing with stainless steel grille support
- protective block (s)

Empty housing

- outer casing with height adjustment
- inner casing with stainless steel grille support
- stainless steel grille, natural coloured or lacquered
- protective block (s)
- 2 head pieces

Corner piece

- outer casing with height adjustment
- inner casing with stainless steel grille support
- stainless steel grille, natural coloured or lacquered

Height-adjustable base for system floors:

- height: 5 > 7 cm / 8 > 13 cm / 130 > 23 cm / 20 > 30 cm
- painted in dark grey RAL 7024
- easy installation using stainless steel spring system
- 1 set includes 2 height adjusting controls

Room thermostats:

- **Room thermostat 200 W:**
 - room thermostat with touch screen
 - heating/cooling mode
 - 0-10 V output
- **Room thermostat 100 TW / 100 TB:**
 - room thermostat with touch screen
 - heating/cooling mode
 - 0-10 V output
 - white or black design
- **RDG 260T / RDG 264KN room thermostat AC 24 V:**
 - heating/cooling mode
 - automatic or manual changeover between heating and cooling

OPERATING LIMITS:

- water supply temperature: min. 3 °C to max. 90 °C
- working pressure: 10 bars
- pressure test: 26 bars
- supply voltage: 24 V DC ±10 %

HOW TO INSTALL:

The building services engineer chooses the heating elements considering the following conditions:

- a heat output calculation according to the applicable standard EN12831.
- Tables of heat outputs and dimensions according to EN16430.

TERMS OF USE:

Micro Canal convectors are designed for indoor use, to deliver the required heating capacity. They are intended for indoor spaces with domestic or similar use. Any other application is strictly prohibited.

- Installation and/or use of the climate control unit is prohibited in explosive environments.
- The unit is not intended for installation or use in humid environments, such as swimming pools (IEC EN 60335-2-40).
- It is forbidden to put objects through the inlet and outlet grilles. Always use the main switch to isolate the unit from the mains before performing any maintenance work on the unit, even if it is just inspections purposes.

Installation that does not comply with the specified operational limits relieves Jaga NV from discharge liabilities with regard to damage to objects and persons.

Micro Canal H06 B13

Designed and manufactured in Belgium by Jaga nv

Versions: Trench heating

Type: 060 / 095 / 130 / 165 / 200