

jaga

CLIMATE DESIGNERS



CLIMA CANAL

€ 2020.EX

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CLIMATE DESIGNERS

CLIMA CANAL 08

Extremely compact and silent

For low temperature heating and light cooling.

Despite its height of just 8 cm, the Jaga Clima Canal 08 delivers a high heat output and is also suitable for light cooling. The dynamic heat exchanger and the tangential fans have been specially developed in order to generate higher power levels within a limited volume. It does so at a very low noise level.

Ventilate comfortably

Jaga Clima Canal can optionally be provided with a ventilation connection. The Clima Canal can thus provide comfortable and pre-heated ventilation while being completely integrated into the floor.

With energy-efficient EC- motors

By making use of the latest EC-motors, the Clima Canal units use 50 % less electrical energy. Moreover, these EC-motors can be controlled through the latest home automation systems via their 0-10 VDC speed control.

Clima Canal 10, 13 en 019: Ook geschikt voor niet condenserende en condenserende koeling





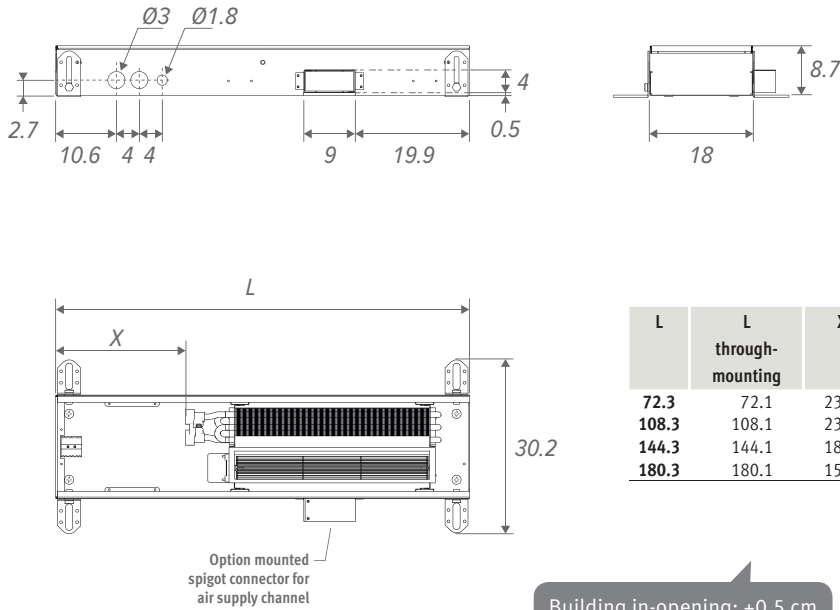
CLIMA CANAL 08



CLIMA CANAL 08 - SUMMARY



DIMENSIONS (in cm)



| L | L through-mounting | X |
|-------|--------------------|------|
| 72.3 | 72.1 | 23.0 |
| 108.3 | 108.1 | 23.0 |
| 144.3 | 144.1 | 18.5 |
| 180.3 | 180.1 | 15.0 |

Building in-opening: +0.5 cm

ORDERING CODE

code height length width grille
CLCM . 008 072 18 /XXX
 fill in grille code ↓

STANDARD DELIVERY

- casing in Sendzimir-galvanised steel sheet (RAL7024) with height adjustment and stainless steel grille support
- anodized aluminium grille(s)
- dynamic heat exchanger
- 2 stainless steel flexible connections 1/2", length 15 cm.
- thermal activator(s), (tangential mini activator)

With energy efficient EC motor

HYDRAULIC CONNECTION

- one-sided 2-pipe connection on the left
- always install Clima Canal with the heat exchanger on the window or wall side
- 2 x 1/2" stainless steel hose included
- allow extra space for curtains, in between the window and the canal.
- The heat exchanger must always be kept accessible for maintenance purposes
- if the appliance is not mounted flat on the floor, the space between the bottom of the appliance and the floor should be filled with a stable filler material.

ELECTRIC CONNECTION

- clamp connector for 24VDC electrical connection, left side, to be connected via external power supply.
- control of speed activator(s) 0-10V

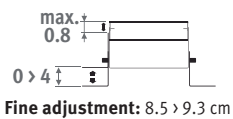
COMPOSITION

Cover plate

Grille
 several styles and colours in anodized aluminium and a range of wood finishes

Stainless steel flexible connections 1/2". Length 15 cm

Fine adjustment
 to max. 0.8 cm, for a perfect alignment with the finished floor



Feet with height adjustment 0 > 4.5 cm
 Provided with acoustic decoupling.



Electric connection & Hydraulic connection (always left)

CLIMA CANAL 08

| DIMENSIONS | | | CONTROL VOLTAGE | HEATING ROOM TEMPERATURE 20°C | | | | COOLING (Non-condensing) ROOM TEMPERATURE 27°C | SOUND PRESSURE* | AIR FLOW | ELECTRIC POWER CONSUMPTION | PRICE BNA / BON / BBN | PRICE BNC | PRICE BOV / BBV | ORDER CODE |
|------------|-----|----|-----------------|----------------------------------|-------|-------|-------|--|-----------------|----------|----------------------------|-----------------------|-----------|-----------------|----------------------|
| H | L | B | | U | 75/65 | 55/45 | 45/35 | 35/30 | | | | | | | |
| cm | cm | cm | V | Watts | Watts | Watts | Watts | Watts | dB(A) | m³/h | Watts | € | € | € | |
| 008 | 072 | 18 | 2 | 276 | 166 | 108 | 68 | 30 | 14 | 24 | 1 | 712,00 | 819,00 | 783,00 | CLCM.008 072 18 /XXX |
| | | | 4 | 496 | 298 | 194 | 122 | 66 | 15 | 37 | 1 | | | | |
| | | | 6 | 699 | 419 | 274 | 172 | 104 | 23 | 52 | 1 | | | | |
| | | | 8 | 891 | 535 | 349 | 220 | 144 | 28 | 68 | 2 | | | | |
| | | | 10 | 1075 | 645 | 421 | 265 | 185 | 34 | 79 | 3 | | | | |
| 108 | 18 | | 2 | 569 | 341 | 223 | 140 | 62 | 15 | 42 | 1 | 973,00 | 1119,00 | 1070,00 | CLCM.008 108 18 /XXX |
| | | | 4 | 1021 | 613 | 400 | 252 | 135 | 19 | 75 | 1 | | | | |
| | | | 6 | 1438 | 863 | 563 | 355 | 214 | 29 | 98 | 3 | | | | |
| | | | 8 | 1834 | 1100 | 718 | 452 | 296 | 32 | 125 | 5 | | | | |
| | | | 10 | 2214 | 1328 | 867 | 546 | 381 | 37 | 160 | 7 | | | | |
| 144 | 18 | | 2 | 894 | 536 | 350 | 220 | 97 | 16 | 66 | 1 | 1356,00 | 1560,00 | 1492,00 | CLCM.008 144 18 /XXX |
| | | | 4 | 1605 | 963 | 628 | 396 | 212 | 20 | 112 | 2 | | | | |
| | | | 6 | 2260 | 1356 | 885 | 557 | 336 | 30 | 150 | 4 | | | | |
| | | | 8 | 2881 | 1729 | 1128 | 711 | 465 | 35 | 193 | 7 | | | | |
| | | | 10 | 3479 | 2087 | 1362 | 858 | 598 | 39 | 239 | 10 | | | | |
| 180 | 18 | | 2 | 1219 | 731 | 477 | 301 | 132 | 18 | 84 | 1 | 1539,00 | 1770,00 | 1693,00 | CLCM.008 180 18 /XXX |
| | | | 4 | 2188 | 1313 | 857 | 540 | 290 | 22 | 150 | 3 | | | | |
| | | | 6 | 3082 | 1849 | 1207 | 760 | 458 | 32 | 196 | 5 | | | | |
| | | | 8 | 3929 | 2357 | 1538 | 969 | 634 | 37 | 250 | 9 | | | | |
| | | | 10 | 4744 | 2846 | 1857 | 1170 | 816 | 41 | 320 | 14 | | | | |

* Noise measurement according to ISO 3741:2010, 2 m from the device and with an assumed room attenuation of 8 dB(A) / room volume 100 m³ / reverberation time 0.5 sec.

fill in grille code

OVERVIEW GRILLES

Wooden grilles



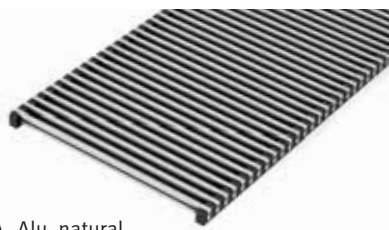
BON Oak
BOV Oak varnished



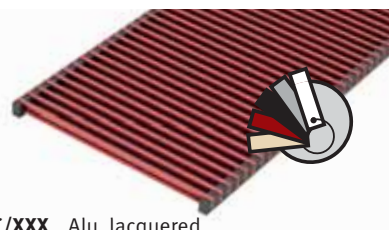
BBN Beech
BBV Beech varnished



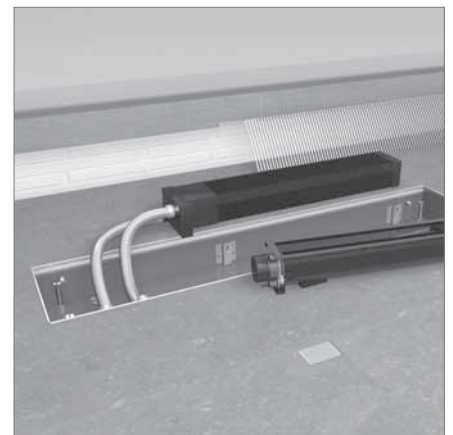
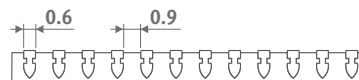
Aluminium grilles



BNA Alu. natural



BNC/XXX Alu. lacquered



Fully removable internal mechanism for easy cleaning.

To ensure perfect adherence of the lacquer coating, an extremely wear-resistant and UV-resistant polyester lacquer coating of the highest quality is used. Only in glossy (code 2..) and special colours 006, 005, 026, 028.

CLIMA CANAL 08 - OPTIONS

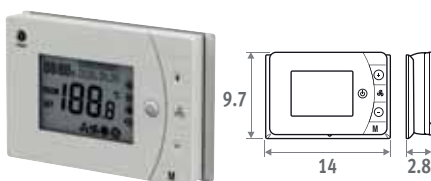
CLOCK THERMOSTATS HEATING / COOLING

The general characteristics in bold below are valid for the thermostats 8751.050013 - 8751.050012 - 8751.050009 - 8751.050017

- automatic thermostat for 2-pipe: heating/cooling or auto
- ventilator speed: min./med./max. or auto
- power supply 24 VDC
- output control(s) 0-10 VDC
- 1 clock thermostat per room
- programmable zones
- LCD display with background lighting
- protection category IP30

FOR WALL MOUNTING

Jaga clock thermostat for wall mounting



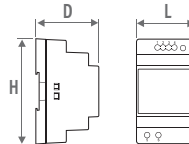
- 2 potential-free contacts heating/cooling (f.e. valve control 24 VDC or 230 VAC)
- with key card contact / window contact
- can be mounted on a junction box with screw holes at 6 cm

| CODE | | € |
|-------------|--------------|-------|
| 8751.050013 | wall mounted | 79,00 |

POWER SUPPLY DIN-RAIL MONTAGE



The guarantee is only valid if the original Jaga power supply is used.



| CODE | H | L | D |
|----------|------|------|-----|
| 7990.054 | 9.0 | 3.5 | 5.9 |
| 7990.055 | 9.0 | 5.3 | 5.9 |
| 7990.056 | 9.0 | 7.0 | 5.9 |
| 7990.053 | 12.5 | 12.6 | 8.3 |

- for DIN-rail or wall mounting
- conformity UL60950 / UL508 / IEC 60950-1 / TUV EN61558-2-16 / Class 2
- output voltage 24 VDC / input 100 - 240 VAC
- screw connection and LED indicator

| CODE | Output Watts | Output current A | € |
|----------|--------------|------------------|--------|
| 7990.054 | 36 | 1.5 | 38,00 |
| 7990.055 | 60 | 2.5 | 51,00 |
| 7990.056 | 92 | 3.9 | 74,00 |
| 7990.053 | 240 | 10 | 162,00 |

Required power = sum of the power consumption of the devices

MAXIMUM CABLE LENGTH

in function of the number of devices: see <http://www.jaga.com/en/products/trench-heating/clima-canal>

SEPARATE POWER SUPPLY

Waterproof power supply 24 VDC/30 Watt with waterproof cable gland.



Not suitable for installation in the floor duct.

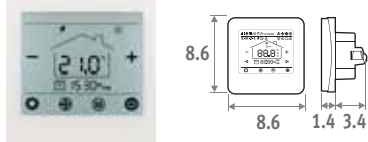
- conformity: UL60950 - EN 60950 / Class 2
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- dimensions L 14.5 x B 4.5 x H 3.0 cm

| CODE | output Watts | Output current A | € |
|--------------|--------------|------------------|-------|
| 37603.010002 | 30 | 1.25 | 74,00 |

FOR RECESSED MOUNTING

NEW

Jaga clock thermostat for recessed/panel mounting JRT-100TW



Touchscreen



Wi-Fi

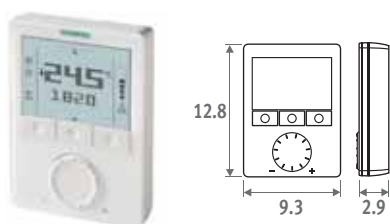


App

- LCD touchscreen with background lighting
- control via WIFI (smartphone app)
- programmable time zones 7 days (1-7)
- control valves 24 VDC heating/cooling
- thermostat to be mounted in a junction box
 - spacing holes at 6 cm
 - minimum depth 4.5 cm
 - inner dimension 5 x 5 cm or Ø 6 cm

| CODE | | € |
|-------------|------------------------|--------|
| 8751.050017 | recessed/panel mounted | 139,00 |

Siemens clock thermostat for wall mounting



- unlimited adjustment possibilities: 74 features and diagnostic test
- For more information contact Jaga: ☎ +32 11 29 41 12 - ✉ export@jaga.be

| CODE | | € |
|-------------|--------------|--------|
| 8751.050009 | wall mounted | 247,00 |

PRE-ASSEMBLED JAGA DYNAMIC PRODUCT CONTROLLER (JDPC)

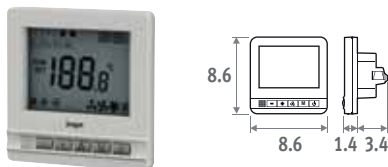
Multifunctional controller for dynamic heating and cooling devices provided with one or more built-in fans. The Jaga Dynamic Product Controller is pre-configured and assembled inside the device. The configuration options are device dependent, and are selected using the code shown on the sticker in the device.

- control per appliance
- control with operation and with sensor for water temperature, pre-configured and assembled by Jaga
- power supply 24 VDC
- ventilator settings:
 - o standby
 - o heating: 3 speeds (operates at water temperature >28°C, can easily be modified)
 - o cooling: 3 speeds (operates at water temperature <18°C, can easily be modified)
- 0-10 V input for building management system/thermostats/DPC.CC71-72

For more information contact Jaga ☎ +32 11 29 41 12 - ✉ export@jaga.be

| CODE | | € |
|----------|---------------------|-------|
| DPC.CC24 | Heating | 76,00 |
| DPC.CC25 | Heating and cooling | 81,00 |

Jaga clock thermostat for recessed/panel mounting



- control valves 24 VDC heating/cooling
- thermostat to be mounted in a junction box
 - spacing holes at 6 cm
 - minimum depth 4.5 cm
 - inner dimension 5 x 5 cm or Ø 6 cm

| CODE | | € |
|-------------|------------------------|-------|
| 8751.050012 | recessed/panel mounted | 83,00 |

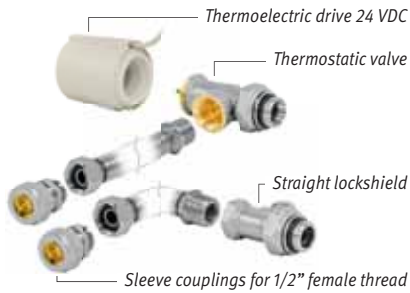
Touch operation



Product controller

OPTIONS - CLIMA CANAL 08

CONNECTION SET WITH JAGA TWO-WAY VALVE 24 VDC



- 24 VDC thermoelectric drive
- valve G1/2" x G1/2" 90°
- lockshield G1/2" x G1/2" 180°
- pressure drop graph Jaga valve: see p. 160

set 97

**Kv max. 0.6
TWO PIPE**

| CODE | Description | Price (€) |
|------------------|-------------|-----------|
| CODY.JA4.24.2... | 24 VDC | 80,00 |
| CODY.JA4.10.2... | 0...10 VDC | 154,00 |

set 98

**Kv 1.0 - without Pre-setting
TWO PIPE**

| CODE | Description | Price (€) |
|------------------|-------------|-----------|
| CODY.WA4.24.2... | 24 VDC | 82,00 |
| CODY.WA4.10.2... | 0...10 VDC | 156,00 |

fill in sleeve coupling code:
see p. 325

CONNECTION SET WITH 2 LOCKSHIELDS G 1/2"



set 99

| CODE | Price (€) |
|------------------|-----------|
| CODY.LOM.00.2... | 35,00 |

fill in sleeve coupling code:
see p. 325

JAGA TWO-WAY VALVE AND THERMOELECTRIC DRIVE 230V

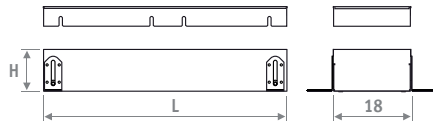


- only for mounting on the distributor, not in the Clima Canal
- with varistor to protect against power surge
- with position indicator (open/closed)

| CODE | Description | Price (€) |
|----------|--------------------------------|-----------|
| 7990.409 | 180° - G1/2"F / NG 230V 2Watts | 86,00 |
| 7990.411 | 180° - G3/4"F / NG 230V 2Watts | 97,00 |

EMPTY HOUSING

To fill open spaces for a continuous installation.



- aluminium or Designo wooden grille
- casing with stainless steel grille support
- height adjustment:
Clima Canal 8.5 > 13.3 cm
- fine adjustment for alignment with the finished floor
- cover plate

| ORDERING CODE | | code CLCD. | height 008 | length 072 | width 18 | grille BNA |
|---------------|-----|------------|------------|------------|----------|------------|
| H | L | BNA | BNC/XXX | BOV | | |
| | | BON | | BBV | | |
| | | BBN | | | | |
| 008 | 072 | 395,00 | 455,00 | 435,00 | | |
| | 108 | 608,00 | 699,00 | 669,00 | | |
| | 144 | 699,00 | 804,00 | 769,00 | | |
| | 180 | 791,00 | 909,00 | 870,00 | | |

MOUNTED SPIGOT CONNECTOR FOR AIR SUPPLY CHANNEL

Height 4 x length 9 cm



| CODE | Price (€) |
|------|-----------|
| /VEN | 62,00 |

Add /VEN to the code of Clima Canal.
Example: CLCM. 008 072 18 /XXX /VEN

CORNER PIECE



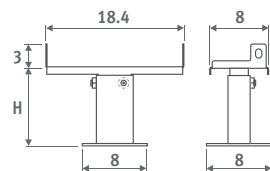
- aluminium grille natural or lacquered
- casing with stainless steel grille support
- height adjustment:
- Clima Canal 8.5 > 13.3 cm
- Clima Canal Hybrid 9.8 > 14.6 cm
- fine adjustment for alignment with the finished floor

Corner piece Clima Canal

| CODE | | Price (€) |
|--------------------------|----------------|-----------|
| CLCD.008 025 18/BNA | Alu. natural | 522,00 |
| CLCD.008 025 18/BNC/ ... | Alu. lacquered | 648,00 |

enter colour code

FEET WITH HEIGHT ADJUSTMENT FOR RAISED FLOORS



- lacquered in dark grey RAL 7024.
- easy installation by means of screws
- 1 set includes 2 height adjusting controls

Number of sets per Clima Canal

| | |
|-------|----------|
| L 72 | = 1 set |
| L 120 | = 1 set |
| L 150 | = 2 sets |
| L 180 | = 2 sets |

| CODE | H | Price (€/set) |
|---------------|------------|---------------|
| 5209.05070000 | 5 > 7 cm | 56,00 |
| 5209.08130000 | 8 > 13 cm | 56,00 |
| 5209.13230000 | 13 > 23 cm | 59,00 |
| 5209.20300000 | 20 > 30 cm | 61,00 |

jaga

CLIMATE DESIGNERS

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Replaces all existing price lists.