

jaga

CLIMATE DESIGNERS

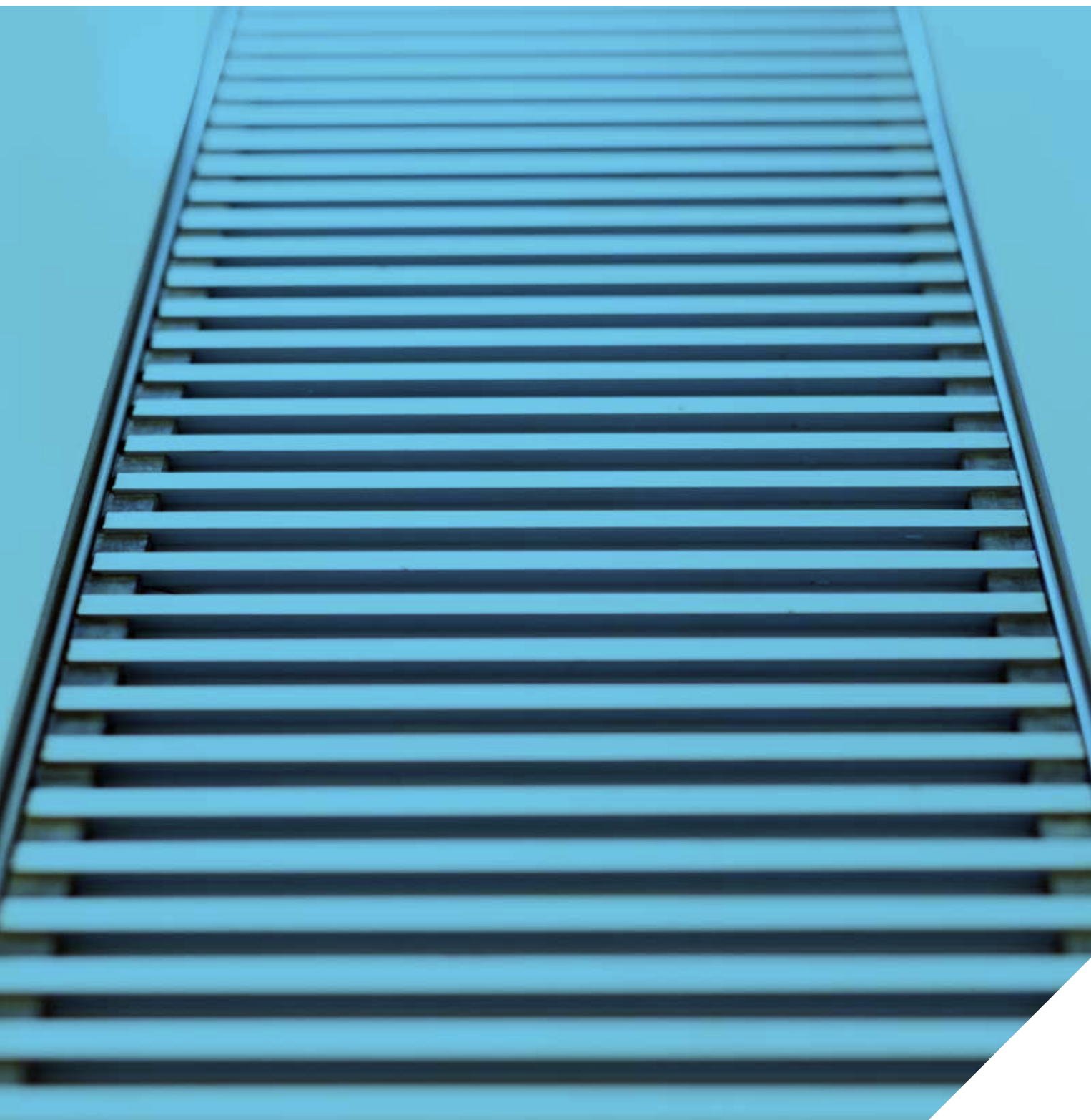
Heating



Light cooling



CLIMA CANAL 08 € 2021.EX



€ EX 07/2021

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





Three overlapping squares are shown, each containing a number. The first square contains 75, the second contains 65, and the third contains 55. The squares are arranged such that the right side of one square overlaps with the left side of the next, creating a sequence of numbers: 75, 65, 55, 45, 35, 30.

<i>code</i>	<i>height</i>	<i>length</i>	<i>width</i>	<i>grille</i>
CLCM .	008	072	18	/XXX
<i>fill in grille code</i> ┘				

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

With energy efficient EC motor

- 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)

- 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

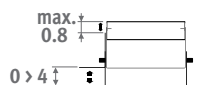
- if the appliance is not mounted flat on the floor, the space between the bottom of the appliance and the floor should be filled with a stable filler material.

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

Cover plate

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

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



Fine adjustment: 8.5 > 9.3 cm

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

Dynamic heat exchanger

Tangential EC
thermic activator(s)

Option
mounted spigot connector
for air supply channel

Housing with stainless steel grille support

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 CON- SUMPTION	PRICE BNA / BON / BBN	PRICE BNC	PRICE BOV / BBV	ORDER CODE
H	L	B		75/65	55/45	45/35	35/30	16/18							
cm	cm	cm	V	Watts	Watts	Watts	Watts	Watts	dB(A)	m³/h	Watts	€	€	€	
008 072 18			2	276	165	108	68	30	14	24	0.5				CLCM.008 072 18 /XXX
			4	496	296	195	123	66	15	37	0.8				
			6	699	417	275	173	104	23	52	1.3				
			8	891	531	350	220	144	28	68	2.1				
			10	1075	641	422	266	185	34	79	3.0				
108 18			2	569	339	224	141	62	15	42	0.6				CLCM.008 108 18 /XXX
			4	1021	609	401	253	135	19	75	1.3				
			6	1438	858	565	356	214	29	98	2.7				
			8	1834	1094	720	454	296	32	125	4.6				
			10	2214	1320	870	548	381	37	160	7.1				
144 18			2	894	533	351	221	97	16	66	1.1				CLCM.008 144 18 /XXX
			4	1605	957	631	397	212	20	112	2.1				
			6	2260	1348	888	559	336	30	150	4.0				
			8	2881	1718	1132	713	465	35	193	6.6				
			10	3479	2075	1367	861	598	39	239	10.1				
180 18			2	1219	727	479	302	132	18	84	1.2				CLCM.008 180 18 /XXX
			4	2188	1305	860	541	290	22	150	2.5				
			6	3082	1838	1211	763	458	32	196	5.4				
			8	3929	2343	1543	972	634	37	250	9.1				
			10	4744	2829	1864	1174	816	41	320	14.1				

* 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



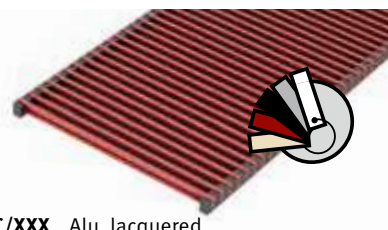
BBN Beech
BBV Beech varnished



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

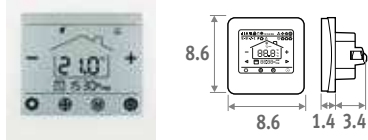
The general characteristics in bold below are valid for the thermostats 8751.050013 - 8751.050012 - 8751.050009 - 8751.050017

- 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 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 €

Jaga clock thermostat for recessed/panel mounting

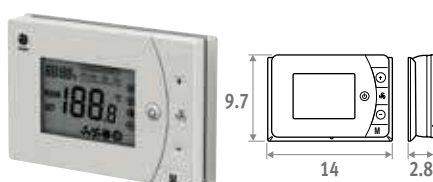


- control valves 24 VDC heating/cooling
- thermostat to be mounted in a junction box
 - spacing holes at 6 cm
 - minimum depth 4.5 cm
 - inner dimension 5 x 5 cm or Ø 6 cm

CODE 8751.050012 recessed/panel mounted €

FOR WALL MOUNTING

Jaga clock thermostat for wall mounting

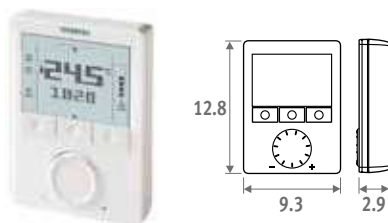


- 2 potential-free contacts heating/cooling (f.e. valve control 24 VDC or 230 VAC)
- with key card contact / window contact
- can be mounted on a junction box with screw holes at 6 cm

CODE

8751.050013 wall mounted

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 €

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:
 - standby
 - heating: 3 speeds (operates at water temperature >28°C, can easily be modified)
 - 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
DPC.CC25 Heating and cooling €

Touch operation

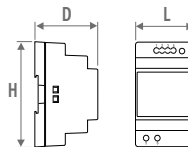


Product controller

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
7990.057	9.0	10.3	5.9

- 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	
7990.055	60	2.5	
7990.056	92	3.9	
7990.057	150	10	

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/40 Watt with waterproof cable gland.



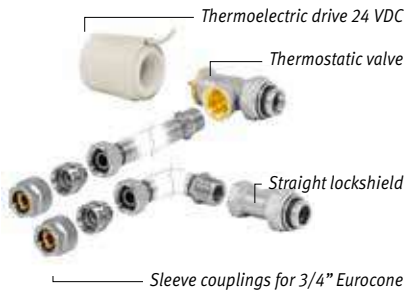
Not suitable for installation in the floor duct.

- 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	40	1.67	

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. 338

set 297 Kv max. 0.6 - Presetting in 6 steps
TWO PIPE €

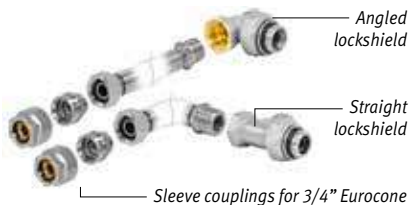
CODY.JA4.24.4... 24 VDC
CODY.JA4.10.4... 0...10 VDC

set 298 Kv 1.0 - Presetting in 6 steps
TWO PIPE €

CODY.WA4.24.4... 24 VDC
CODY.WA4.10.4... 0...10 VDC

fill in sleeve coupling code:

CONNECTION SET WITH 2 LOCKSHIELDS G 1/2"



set 299

CODY.LOM.00.4...

fill in sleeve coupling code:

SLEEVE COUPLINGS EUROCONE

Precision metal tube

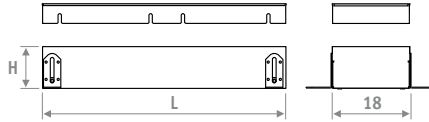
CODE	Tube
112	12/1
114	14/1
115	15/1
116	16/1
118	18/1

Synthetic or RPE/ALU tube

CODE	Tube	CODE	Tube
612	12/2	615	15/2.5
614	14/2	619	16/1.5
616	16/2	620	20/2
617	17/2		
618	18/2		

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 x 13.3 cm
- fine adjustment for alignment with the finished floor
- cover plate

ORDERING CODE

code	height	length	width	grille
CLCD.	008	072	18	BNA
H	L	BNA	BNC/XXX	BOV
		BON		BBV
		BBN		

008	072
	108
	144
	180

MOUNTED SPIGOT CONNECTOR FOR AIR SUPPLY CHANNEL

Height 4 x length 9 cm



CODE €
/VEN

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

JAGA TWO-WAY VALVE AND THERMOELECTRIC DRIVE 230V



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

CODE Description

- 7990.409 180° - G1/2" F / NG 230V 2 Watts

7990.411 180° - G3/4" F / NG 230V 2 Watts

CORNER PIECE

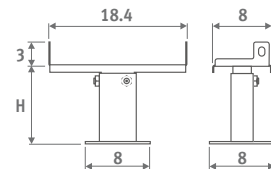


- aluminium grille natural or lacquered
- casing with stainless steel grille support
- height adjustment: Clima Canal 8.5 x 13.3 cm
- Clima Canal Hybrid 9.8 x 14.6 cm
- fine adjustment for alignment with the finished floor

Corner piece Clima Canal

CODE	€
CLCD.008 025 18/BNA	Alu. natural
CLCD.008 025 18/BNC/ ...	Alu. lacquered
	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	€/set
5209.05070000	5 > 7 cm	
5209.08130000	8 > 13 cm	
5209.13230000	13 > 23 cm	
5209.20300000	20 > 30 cm	

jaga

CLIMATE DESIGNERS

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Replaces all existing price lists.