

# jaga

CLIMATE DESIGNERS

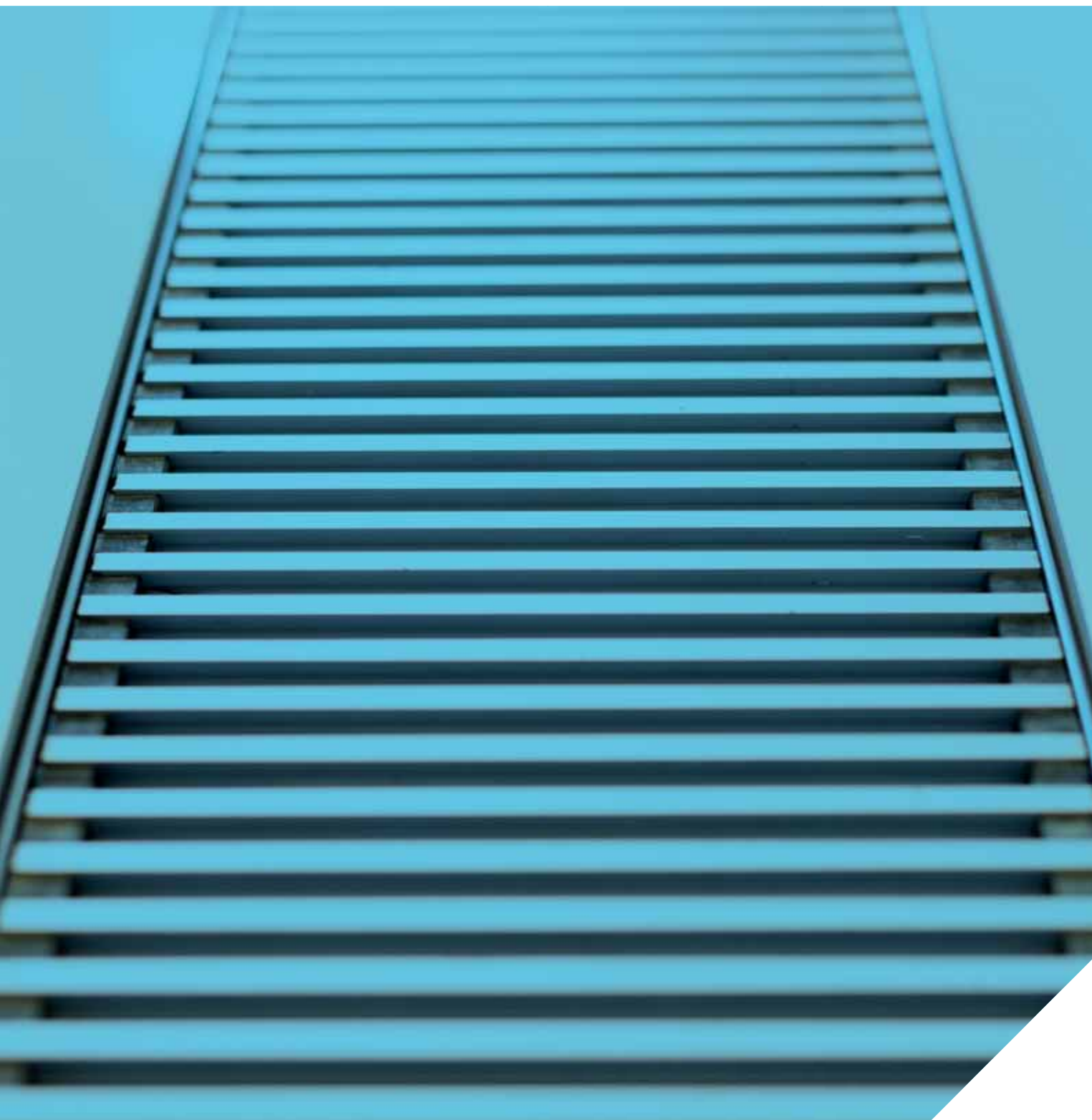
Heating



Light cooling



CLIMA CANAL 08 € 2020.EX



# jaga

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



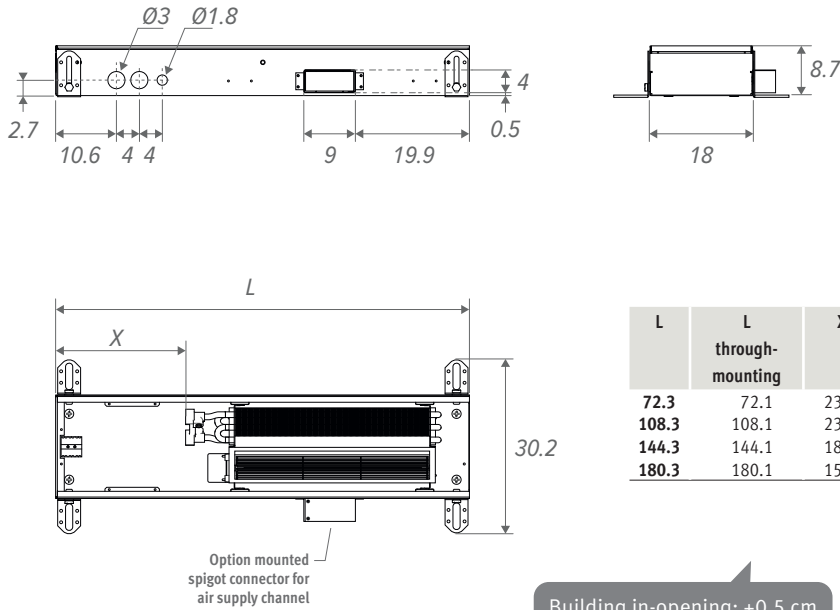


CLIMA CANAL 08

# 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

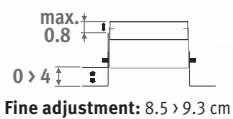
## COMPOSITION

### 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	165	108	68	30	14	24	0.5	712,00	819,00	783,00	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	18	2	569	339	224	141	62	15	42	0.6	973,00	1119,00	1070,00	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	18	2	894	533	351	221	97	16	66	1.1	1356,00	1560,00	1492,00	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	18	2	1219	727	479	302	132	18	84	1.2	1539,00	1770,00	1693,00	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



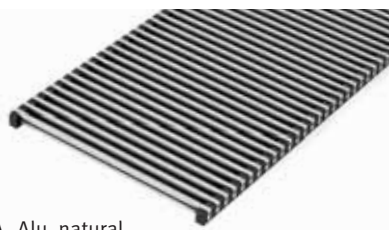
**BON** Oak  
**BOV** Oak varnished



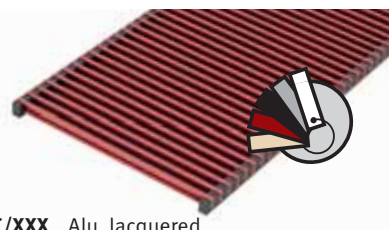
**BBN** Beech  
**BBV** Beech varnished



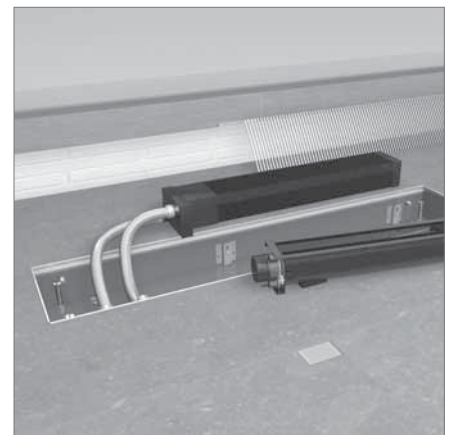
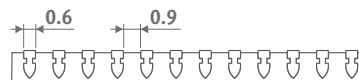
### Aluminium grilles



**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

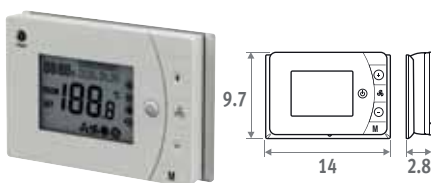
## CLOCK THERMOSTATS HEATING / COOLING

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 WALL MOUNTING

### Jaga clock thermostat for wall mounting



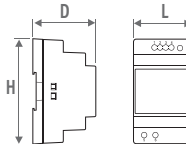
- 2 potential-free contacts heating/cooling (f.e. valve control 24 VDC or 230 VAC)
- with key card contact / window contact
- can be mounted on a junction box with screw holes at 6 cm

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.

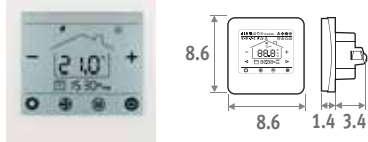
- conformity: UL60950 - EN 60950 / Class 2
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- dimensions L 14.5 x B 4.5 x H 3.0 cm

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

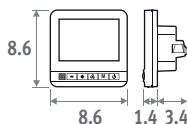


App

- 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

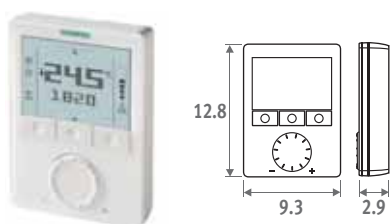
### Jaga clock thermostat for recessed/panel mounting



- 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

### 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](mailto: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](mailto:export@jaga.be)

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

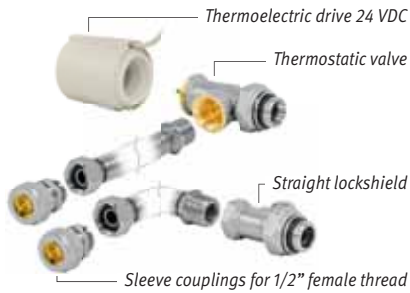
Touch operation



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. 342

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. 336

## 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. 336

## JAGA TWO-WAY VALVE AND THERMOELECTRIC DRIVE 230V

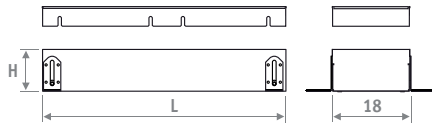


- only for mounting on the distributor, not in the Clima Canal
- with varistor to protect against power surge
- with position indicator (open/closed)

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



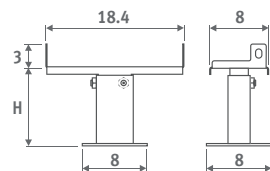
- aluminium grille natural or lacquered
- casing with stainless steel grille support
- height adjustment:  
- Clima Canal 8.5 > 13.3 cm  
- Clima Canal Hybrid 9.8 > 14.6 cm
- fine adjustment for alignment with the finished floor

### Corner piece Clima Canal

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

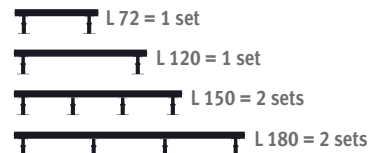
enter colour code

## 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



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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All prices in Euro, exclude VAT. Prices valid from 1st January 2020.  
Replaces all existing price lists.