

CLIMA CANAL

COMPLETE CLIMATE CONTROL AND HIGH POWER

Heating, cooling, ventilation

Despite its modest size, Clima Canal is a powerful heating, cooling and ventilation unit all in one. Silent and unobtrusive, Clima Canal provides the greatest possible climatic comfort.

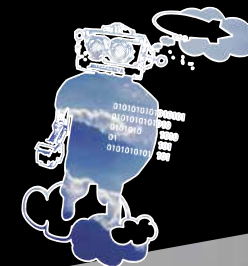
Super-compact and silent

This high-tech Low-H₂O heat exchanger with its thermal activator has been specially developed to deliver record output within super-compact dimensions. All this at a very low noise level! In boost mode, for ultra-quick heating or cooling, the output is even higher.

Using the latest EC motors enables Clima Canals to consume up to 50% less electrical energy than traditional motors, and enables remote control using the latest home automation and building management systems.



PRESENTING CLIMA CANAL



DREAM
A FUTURE

ORDERING CODE



Product is made to order, please contact our customer service team on 01531 631 533 to discuss your requirements.



- 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.

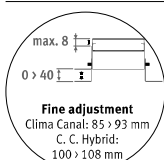
- clamp connector for 24VDC electrical connection, left side, to be connected via external power supply.
- control of speed activator(s) 0-10V

Cover plate

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

Stainless steel flexible connections 1/2". Length 150 mm

Fine adjustment
to max. 8 mm, for a perfect
alignment with the finished floor



Feet with height adjustment 0 > 45 mm
Provided with acoustic decoupling.

**Dynamic
heat exchanger**

Tangential EC
thermic activator(s)

Housing
with stainless steel
grille support

Option
mounted spigot connector
for air supply channel

Electric connection (always left)

Hydraulic connection (always left)

Condensate tray

CLCM.HHH LLL 18/XXX

		HEATING			COOLING (H100 ONLY)	
length	voltage	Watts	Watts	Watts	Total cooling	Sensible cooling
		75/65/20°C	55/45/20°C	45/38/20°C	7/12/27°C	50% RH
720	4	496	298	213	147	96
	6	699	419	301	244	162
	10	1075	645	462	452	308
1080	4	1021	613	439	303	198
	6	1438	863	618	503	333
	10	2214	1328	952	931	634
1440	4	1605	963	690	476	311
	6	2260	1356	972	790	523
	10	3479	2087	1496	1463	996
1800	4	2188	1313	941	650	424
	6	3082	1849	1325	1077	713
	10	4744	2846	2040	1995	1358

Tested at HLK Stuttgart according to new standard EN 16430:2015

TECHNICAL DATA

			FAN	SOUND PRESSURE**			POWER CONSUMPTION			AIR FLOW		
H	L	B	Number	dB(A)			Watts			m³/h		
				10v	6v	4v	10v	6v	4v	10v	6v	4v
80-100	720	180	1	34	28	15	3.1	2.1	0.7	70	63	37
	1080		1	37	32	19	5.3	3.5	1.2	142	129	75
	1440		2	39	35	20	8.6	6.1	2.2	213	191	113
	1800		2	41	37	22	11.5	7.9	2.7	284	256	150

**** Noise measurement according to ISO 3741:2010 with an assumed room attenuation of 8 dB(A) / room volume 75 m³ / reverberation time 0.5 sec.**
Correction factors & pressure drop: see "Technical info" chapter

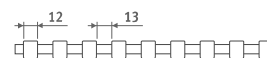
Wooden grilles



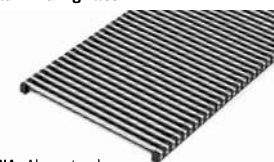
BON Oak
BOV Oak varnished



BBN Beech
BBV Beech varnished



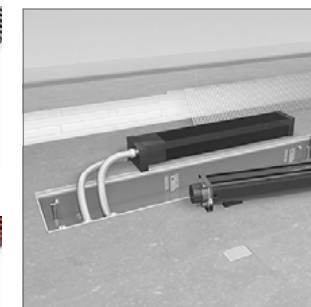
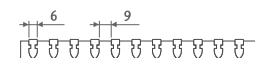
Aluminium grilles



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.

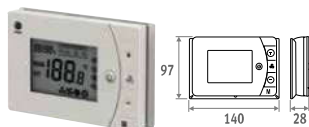
CLIMA CANAL - OPTIONS

CLOCK THERMOSTATS HEATING / COOLING

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

- 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

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 60 mm

CODE

8751.050013 wall mounted

Jaga clock thermostat for recessed/panel mounting

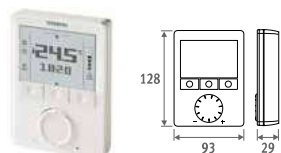


- control valves 24 VDC heating/cooling
- thermostat to be mounted in a junction box
- spacing holes at 60 mm
- minimum depth 45 mm
- inner dimension 50 x 50 mm or Ø 60 mm

CODE

8751.050012 recessed/panel mounted

Siemens clock thermostat for wall mounting



- unlimited adjustment possibilities: 74 features and diagnostic test
- For more information contact Jaga
Phone: 011531 631 533
Email: jaga@jaga.co.uk
Website: www.jaga.co.uk

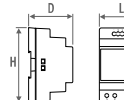
CODE

8751.050009 wall mounted

POWER SUPPLY DIN-RAIL MOUNTING



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



CODE	H	L	D
7990.054	90	35	59
7990.055	90	53	59
7990.056	90	70	59

- 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

Required power = sum of the power consumption of the devices

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 145 x B 45 x H 30 mm

CODE	output Watts	Output current A
37603.010002	30	1.25

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

Phone: 011531 631 533

Email: jaga@jaga.co.uk

Website: www.jaga.co.uk

CODE

DPC.CC24 Heating
DPC.CC25 Heating and cooling



RECOMMENDED COMBINATIONS

	Heating and/or cooling	
	Including thermostat for readjustment	Excluding thermostat
Product	Clima Canal	Clima Canal
Regulation	Thermostat heating / cooling Ordering code 8751.050009	Pre-mounted JDPC with control panel DPC.CC24 for heating or DPC.CC25 for heating and cooling
Power supply	Power supply: ordering code 37603.010002	Power supply: ordering code 37603.010002
Connection set	Connection set 97 with 24 VDC 0-10V motor CODYJA4.10.2... <i>(fill in sleeve coupling code: see p. 325)</i>	Connection set 99 with 2 lockshields CODYLOM.00.2... <i>(fill in sleeve coupling code: see p. 325)</i>

CLIMA CANAL - OPTIONS

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 85 > 133 mm
 - Clima Canal Hybrid 98 > 146 mm
- fine adjustment for alignment with the finished floor
- cover plate

empty housing Clima Canal

ORDERING CODE	code	height	length	width	grille
CLCD. 008 072 18 BNA					

Available in same dimensions as complete units.

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

CORNER PIECE



- aluminium grille natural or lacquered
- casing with stainless steel grille support
- height adjustment:
 - Clima Canal 85 > 133 mm
 - Clima Canal Hybrid 98 > 146 mm
- 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

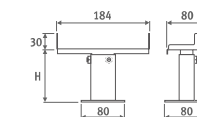
Corner piece Clima Canal Hybrid

CODE

CLCD.010 025 18/BNA Alu. natural
CLCD.010 025 18/BNC/ ... Alu. lacquered

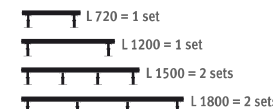
enter colour code

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



CODE	H
5209.05070000	50 > 70 mm
5209.08130000	80 > 130 mm
5209.13230000	130 > 230 mm
5209.20300000	200 > 300 mm