

CLIMA QUATRO CANAL

SUPER-POWERED CLIMATE CONTROL FOR 4-PIPE SYSTEMS

Heating, cooling, ventilation.

Despite its compact dimensions, the Clima Quatro Canal is a powerful main heating system, cooling unit and ventilation system, all in one. Clima Quatro Canal provides the highest possible climate comfort quietly, powerfully, and unobtrusively.

Compact and silent

The high-tech dynamic 4-pipe heat exchanger and the thermal activator provide an effortless transition from heating to cooling or vice versa. They have been designed to deliver a very high heat output and are perfect to provide effective cooling with dry as well as wet cooling systems.

Using the latest EC motors enables Clima Quatro 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 QUATRO CANAL

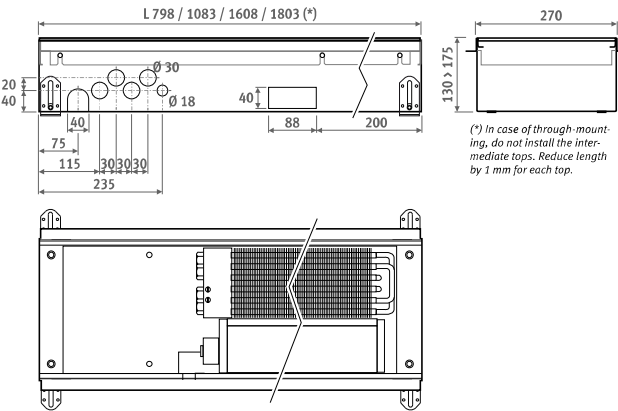


BUILDING
BRIDGES

CLIMA QUATRO CANAL - SUMMARY

75 65 55 45 35 30

DIMENSIONS (in mm)



ORDERING CODE

code height length width grille
QUAF . 013 080 27 /XXX
enter grille code ↓

DELIVERY

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

With energy efficient EC motor

HYDRAULIC CONNECTION

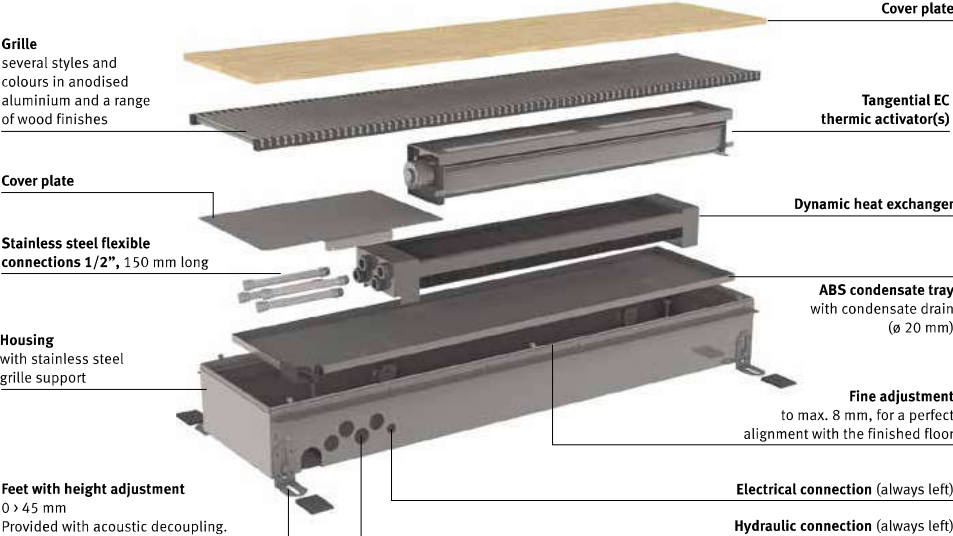
- the 4-pipe heat exchanger with one-sided connection on the left always has to be connected to an installation with two separated hydraulic systems
- always install Micro Canal with the heat exchanger on the window or wall side
- 2 x 1/2" stainless steel hose included
- allow extra space for curtains, 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.

ELECTRICAL CONNECTION

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

COMPOSITION



HEIGHT 130 - OUTPUT TABLES

CLCM.HHH LLL 18/XXX

length	voltage	HEATING			COOLING	
		75/65/20°C	55/45/20°C	45/38/20°C	Total cooling 7/12/27°C	Sensible cooling 50% RH
800	4	590	354	254	230	150
	6	786	472	338	326	216
	10	1126	676	484	544	370
1100	4	1015	609	436	396	258
	6	1351	811	581	561	372
	10	1936	1162	832	935	636
1600	4	1779	1067	765	694	453
	6	2367	1420	1018	984	651
	10	3394	2037	1459	1639	1116
1800	4	2229	1338	958	870	567
	6	2967	1780	1276	1233	816
	10	4255	2553	1830	2055	1398

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

TECHNICAL DATA

			FAN	SOUND PRESSURE**			RATED INPUT			AIR FLOW		
			Number	dB(A)			Watts			m³/h		
H	L	B		10v	6v	4v	10v	6v	4v	10v	6v	4v
130	800	270	1	38	35	19	8.5	5.2	1.9	N/A	90	N/A
	1100		1	39	36	24	14.0	8.2	2.3	N/A	170	N/A
	1600		2	41	38	25	22.0	14.1	4.3	N/A	260	N/A
	1800		2	42	39	26	28.0	18.0	4.9	N/A	340	N/A

** 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

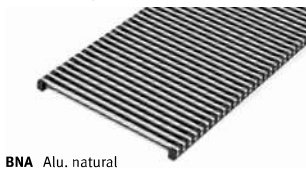
OVERVIEW GRILLES

Wooden grilles



BON Oak
BOV Oak varnished

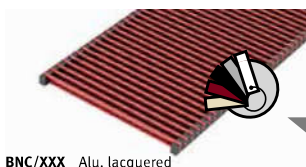
Aluminium grilles



BNA Alu. natural

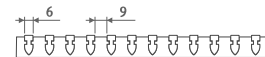
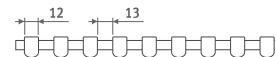


BBN Beech
BBV Beech varnished



BNC/XXX Alu. lacquered

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.



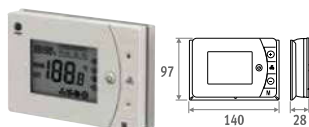
CLIMA QUATRO CANAL - OPTIONS

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 60mm

CODE

8751.050013 wall mounted

Jaga clock thermostat for recessed/panel mounting

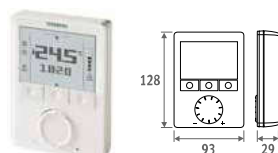


- control valves 24 VDC heating/cooling
- thermostat to be mounted in a junction box
- spacing holes at 60mm
- minimum depth 45mm
- inner dimension 50 x 50mm or Ø 60mm

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

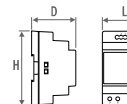
CODE

8751.050009 wall mounted

POWER SUPPLY DIN-RAIL MOUNTAGE



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 30mm

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.QU2

For more information contact Jaga

Phone: 011531 631 533

Email: jaga@jaga.co.uk

Website: www.jaga.co.uk

CODE

DPC.QU25 Heating and cooling



Touch operation

Product controller

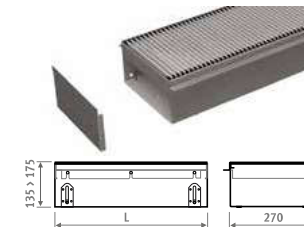
RECOMMENDED COMBINATIONS

	Heating and/or cooling	
	Including thermostat for readjustment	Excluding thermostat
Product	Clima Quatro Canal	Clima Quatro Canal
Regulation	Thermostat heating / cooling Ordering code 8751.050009	Pre-mounted JDPC with control panel DPC.QU25 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>

OPTIONS - CLIMA QUATRO CANAL

EMPTY HOUSING

To fill open spaces for a continuous installation.



- aluminium or wooden grille
- casing with stainless steel grille support
- height adjustment and fine adjustment for alignment with the finished floor
- cover plate

ORDERING CODE
QUAD. 013 080 27 /BNA

Available in same dimensions as complete units.

CORNER PIECE

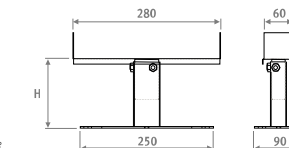
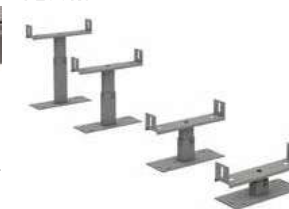


- aluminium grille natural or lacquered
- housing with stainless steel grille support
- height adjustment
- fine adjustment for alignment with the finished floor

CODE

QUAD.013 039 27/BNA Alu. natural
QUAD.013 039 27/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 Quatro Canal

L 800 = 1 set
L 1100 = 1 set
L 1600 = 2 sets
L 1800 = 2 sets

CODE	H
5208.05070000	50 x 70 mm
5208.08130000	80 x 130 mm
5208.13230000	130 x 230 mm
5208.20300000	200 x 300 mm