



# JDPC.002

## Jaga Dynamic Product Controller

- 1 JDPC.002 per unit, otherwise the warranty is no longer valid.



Installation / user guide

Jaga Dynamic Product Controller Clima Canal

Please read these user instructions carefully to ensure correct use of the product.



# Clima Canal JDPC.CC24 / JDPC.CC25 Dynamic Product Controller, heating, heating and cooling.

With water-temperature sensor  
With 3-modes control panel

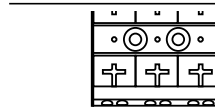
## Basic settings

Basic settings JDPC.002: MODE 2



Configuration Code: see the product label on the device

## Connecting



Not connected | BLUE -24V  
RED +24V

## Heating: JDPC.CC24

### Setup and operation

The module is factory assembled and tested according to the product configuration.

#### Basic settings water temperature set point:

🔥 Fan start when supply water T° > 28°C

## Heating and cooling: JDPC.CC25

### Setup and operation

The module is factory assembled and tested according to the product configuration.

#### Basic settings water temperature set point:

🔥 Fan start when supply water T° > 28°C

❄️ Fan start when supply water T° < 18°C

Manually adjusting settings:			Pag.
Adjusting fan speed		Table 1: fan speed	2
Adjusting water temperature set point		Table 2: adjusting min. water temperature heating 🔥	5

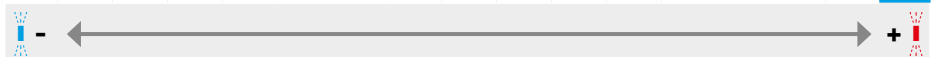
Manually adjusting settings:			Pag.
Adjusting fan speed		Table 1: fan speed	2
Adjusting water temperature set point		Table 2: adjusting min. water temperature heating 🔥 Table 3: adjusting max. water temperature cooling ❄️	5

1

## With control panel: Adjusting Fan speed

🔥	Speed 1		Speed %:	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
	Speed 2			20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
	Speed 3			20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
❄️	Speed 1		Speed %:	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
	Speed 2			20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
	Speed 3			20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

Fan speed factory settings

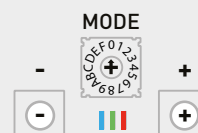


(MIN) The blue LED blinks fast

The red LED blinks fast (MAX)

#### Adjusting the Fan speed:

- short press "-" or "+" to adjust the speed of the motor(s).
- after the adjustment of the speed, the fans will run for 30" in order to control, irrespective of the water temperature. The water-temperature sensor will not respond during this time. Any modification will be automatically stored in the internal (EE PROM) memory.

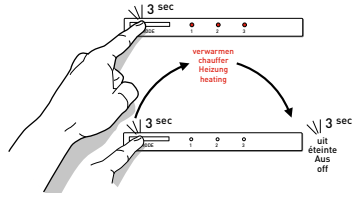


!! The JDPC controller returns back into normal mode after 30" and will automatically save all modified settings !!

# Clima Canal JDPC.CC24 Dynamic Product Controller, heating

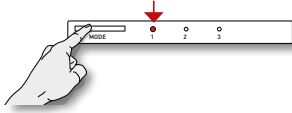
Put the controller in the desired mode with the control panel

Press button until the desired mode is reached (± 3 sec.)

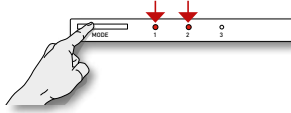


## How to use

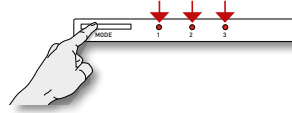
• Speed 1



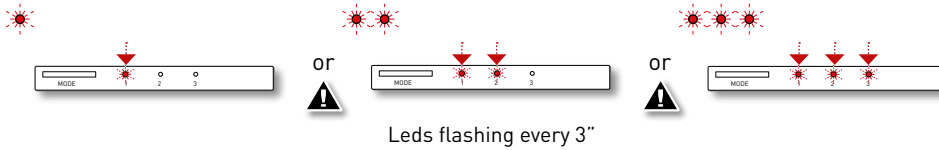
•• Speed 2



••• Speed 3



Water temperature < Adjusted temperature: Leds flashing every 3"



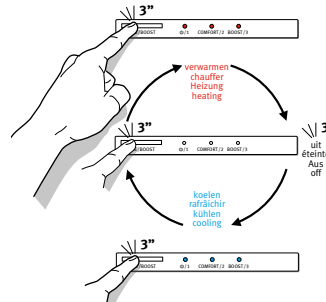
# Clima Canal JDPC.CC25 Dynamic Product Controller, heating and cooling

Put the controller in the desired mode with the control panel

Mode

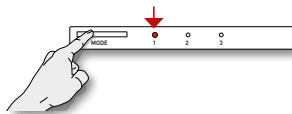
Press button until the desired mode is reached (± 3 sec.)

- When AUTO CHANGE OVER mode the controller itself will select the desired operation mode. The user can always choose MANUALLY a different mode of operation.

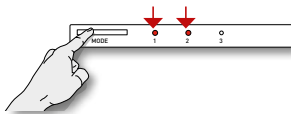


## How to use

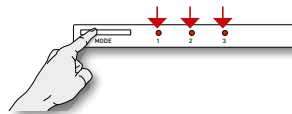
• Speed 1



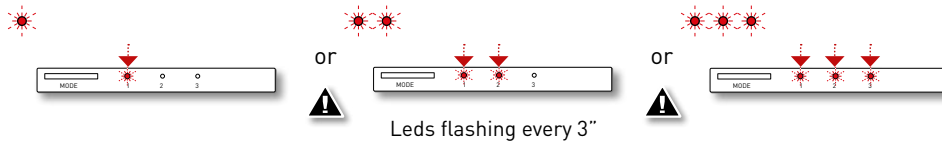
•• Speed 2



••• Speed 3

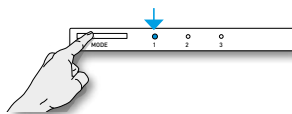


Water temperature < Adjusted temperature: Leds flashing every 3"

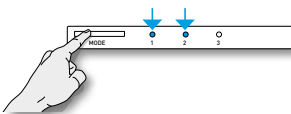


## How to use

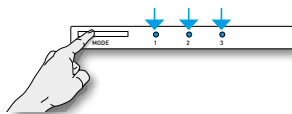
• Speed 1



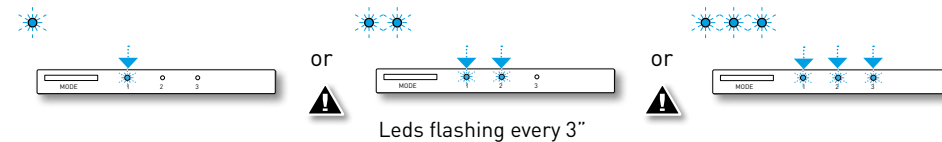
•• Speed 2



••• Speed 3



Water temperature > Adjusted temperature: Leds flashing every 3"





# Clima Canal JDPC.CC71 / JDPC.CC72 Dynamic Product Controller, heating, heating and cooling.

Controlled with external 0-10V control signal

With water-temperature sensor

With 3-modes control panel

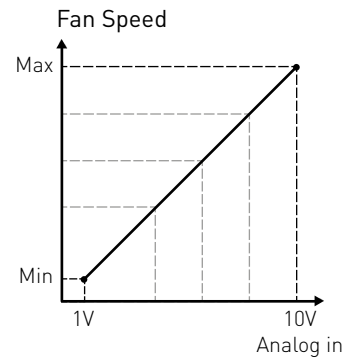
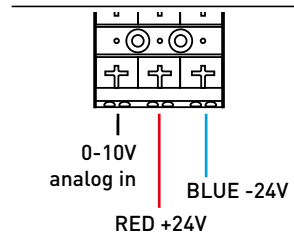
## Basic settings

Basic settings JDPC.002: MODE 7



Configuration Code: see the product label on the device

## Connecting



## Heating: JDPC.CC71

### Setup and operation

The module is factory assembled and tested according to the product configuration.

#### Basic settings water temperature set point:

🔥 Fan start when supply water  $T^\circ > 28^\circ\text{C}$

## and Heating and cooling: JDPC.CC72

### Setup and operation

The module is factory assembled and tested according to the product configuration.

#### Basic settings water temperature set point:

🔥 Fan start when supply water  $T^\circ > 28^\circ\text{C}$

❄️ Fan start when supply water  $T^\circ < 18^\circ\text{C}$

Manually adjusting settings:			Pag.
Adjusting fan speed		Tabel 1: fan speed	5
Adjusting water temperature set point		Table 2: adjusting min. water temperature heating 🔥	5

Manually adjusting settings:			Pag.
Adjusting fan speed		Table 1: fan speed	5
Adjusting water temperature set point		Table 2: adjusting min. water temperature heating 🔥 Table 3: adjusting max. water temperature cooling ❄️	5

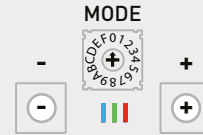
## 1 Adjusting Fan speed

SPEED %: 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 **100**



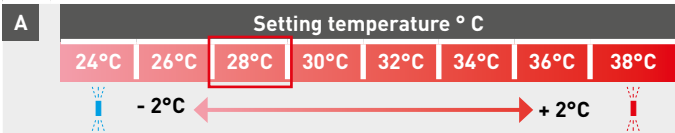
### Adjusting the Fan speed:

- short press “-” or “+” to adjust the speed of the motor(s).
- after the adjustment of the speed, the fans will run for 30” in order to control, irrespective of the water temperature. The water-temperature sensor will not respond during this time (position 2, 4, 6 or 7). Any modification will be automatically stored in the internal (EE PROM) memory.

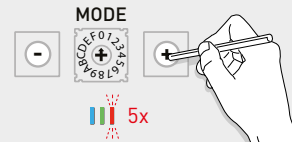


## 2 Setting the water temperature

### ▲ Setting the minimum water temperature heating (default =>28 °C)



Press and hold the (+) button until the red LED flashes 5 times.

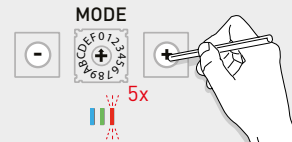


- B** **Increasing temperature**  
Briefly press (+): **the temperature increases** by one step 2 °C. If the **maximum temperature** is reached, the **red LED** flashes rapidly.
- Decrease temperature**  
Briefly press (-): **the temperature decreases** by one step 2 °C. If the **minimum temperature** is reached, the **blue LED** will flash rapidly. After 30”, the JDPC module returns to normal mode.

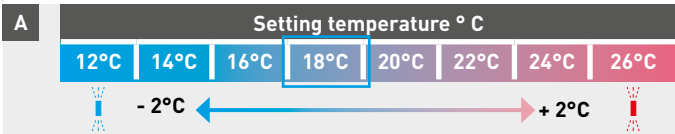
### Automatic control:

The **green LED** lights when the water temperature exceeds the set temperature. This indicates that the supply water is hot. Each adjustment is stored in the internal (EE PROM) memory.

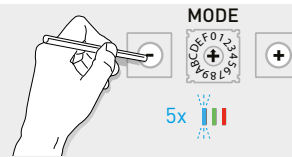
- C** Exit setup mode by holding the “+” button until the **red LED** blinks 5x.



## 3 Setting the maximum temperature of cooling water (default = <18°C)



Press and hold the (+) button until the blue LED flashes 5 times.

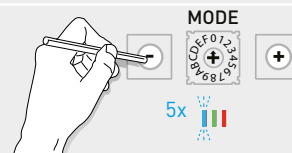


- B** **Increasing temperature**  
Briefly press (+): **the temperature increases** by one step 2 °C. If the maximum temperature is reached, the **red LED** flashes rapidly.
- Decrease temperature**  
Briefly press (-): **the temperature decreases** by one step 2 °C. If the minimum temperature is reached, the **blue LED** will flash rapidly. After 30”, the JDPC module returns to normal mode.

### Automatic control:

The **green LED** lights when the water temperature is lower than the set temperature. This indicates that the supply water temperature is colder. Each adjustment is stored in the internal (EE PROM) memory.

- C** Exit setup mode by holding the “+” button until the **blue LED** blinks 5x.



!! The JDPC controller returns into normal mode after 30” and will automatically save all modified settings !!

default factory temperature setting  
 default factory temperature setting



# Clima Canal JDPC.002 Dynamic Product Controller: Reset to Factory Default

## Reset to Factory Default

1. Turn off power
  - press and hold both “-” and “+” buttons simultaneously.
2. Turn power on. Press and hold both “-” and “+” buttons simultaneously until the **blue LED light** is blinking. After 2” the **green LED** will light and then after 4”, the **red LED**.
3. The controller will return to Factory Default settings, all LEDs will flash for 8”

**⚠ ATTENTION:** Doing so will erase all of the data, settings, and applications and reset the controller to the original factory settings !!

### Warning:

**This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the product.**

Entitlement to warranty is cancelled in case of:

- errors or damage resulting from not following the assembly, cleaning or user instructions supplied by the manufacturer,
- wrong, improper and/or irresponsible use or treatment of the device,
- wrong or incompetent repairs and defects due to external factors,
- self-applied changes to the device.
- equipment that is built in, in a way that it cannot be reached normally.

If you have any questions or complaints, please contact your supplier or installer.

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## Notes



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