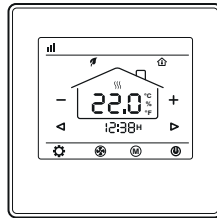


The unit must be installed by a certified installer in accordance with the installation instructions and the local building codes. Please follow this instruction manual and file it somewhere safe! The unit must always be accessible for maintenance and inspection. Jaga n.v. cannot be held liable for damage due to non-compliance with this manual.

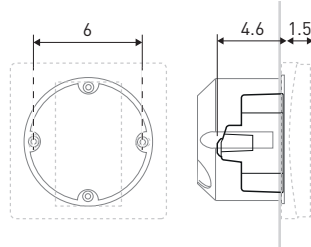
**⚠** Always use the main switch to isolate the power supply



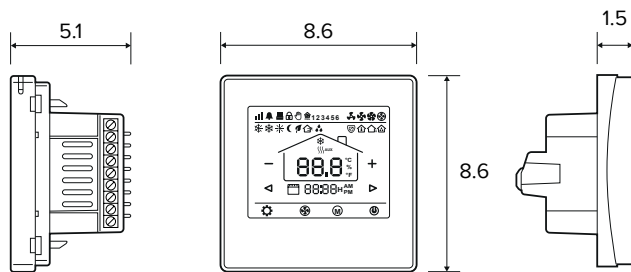
JRT-100TW BLACK  
8751.050019



JRT-100TW WHITE  
8751.050017



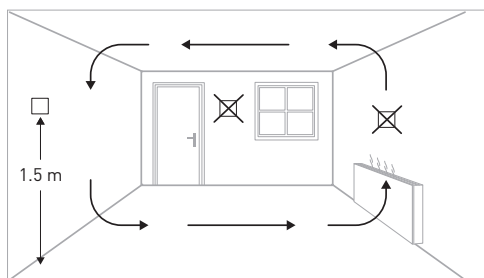
Mount the JRT.100 Room thermostat in a flush mounting box with screw holes at a 60 cm distance from the center. Minimum depth 45mm, (the depth depends on the wiring). The internal dimensions of the box should be at least Ø60mm or 50x50mm.



Technical data	
Screen	Touchscreen
Power	24V AC/DC
Power consumption	200 mA
Setting range	+10 > +30°C
Ambient temperature	0 > +50°C
Relative humidity	85% max
Back-light	Light blue
Sensor	NTC 10K, 3950 ohm at 25°C
Accuracy	+ 1°C
Safety class	IP30
Housing ABS	With fire-retardant plastic UL94-5

- control via WIFI (smartphone app)
- for 2-pipe or 4-pipe: Heating - Cooling
- automatic or manual fan speed control
- mounting on mounting box with screws
- programmable time zones 7 days (1-7)
- 0-10V Fanspeed control
- 24V AC/DC Thermo-electrical motor

**ATTENTION!**



Install the room thermostat at approximately 1.5 m above the floor against an interior wall and opposite the heating source if possible. Avoid the outer walls, draft coming from the windows and doors, direct sunlight and other heat sources such as TVs, wall or table lamps, fire places, heating pipes, etc. Ensure that the locking mechanism on the bottom of the thermostat is easily accessible.

**CE mark:**

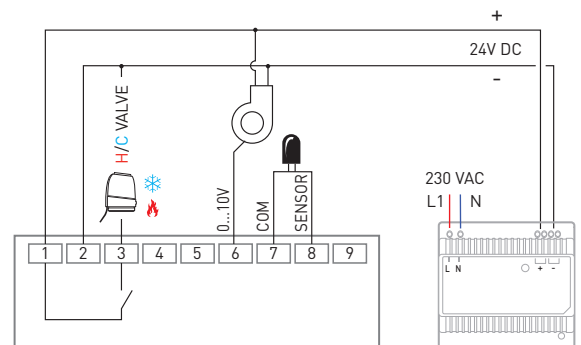
The CE mark indicates that this device meets the basic requirements of the directive on:

- EN 61000-6-3:2007+A1:2011
- EN 61000-3-2:2006+A1:2009+A2:2009
- EN 61000-3-3:2008
- EN 61000-6-1:2007

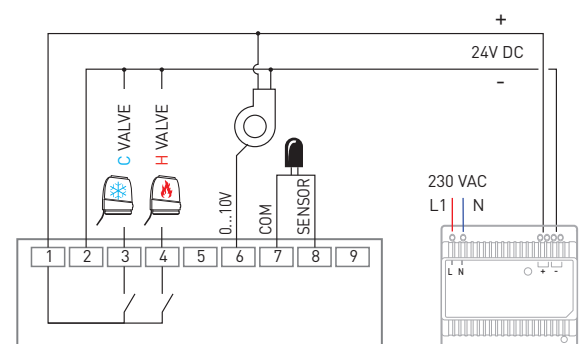
**\* Wiring connections**

H/C	Heating / Cooling
H	Heating
C	Cooling
GND	N
	Briza / Clima Canal / Quatro Canal...
	Optional external room temperature sensor

**2-pipes**

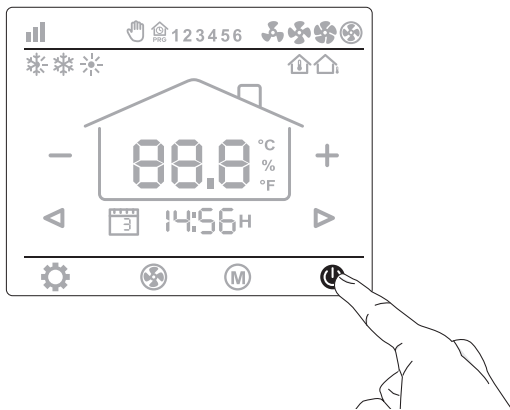


**4-pipes**



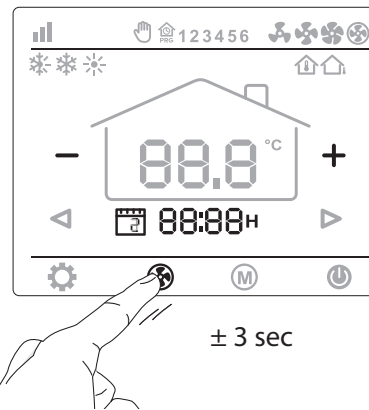
🏠 1234 Program On / Off		Fanspeed 🌀🌀🌀🌀
📶 WIFI		
❄️❄️❄️ Auto-change-over / Cooling / Heating		
88.8 °C Temperature		
⬇️ Lowering the temperature		Raising the temperature +
📅 3 Day		Minutes / Hours 88:88H
⏪ Time back (Minutes / Hours)	Time forward (Minutes / Hours) Program 1 > 7 ⏩	
Program On / Off	<ul style="list-style-type: none"> <li>Fanspeed</li> <li>Time settings</li> </ul>	Heating / Cooling / Auto-changeover (4-pipe only) On / Off

### 1 ON / OFF



Press briefly

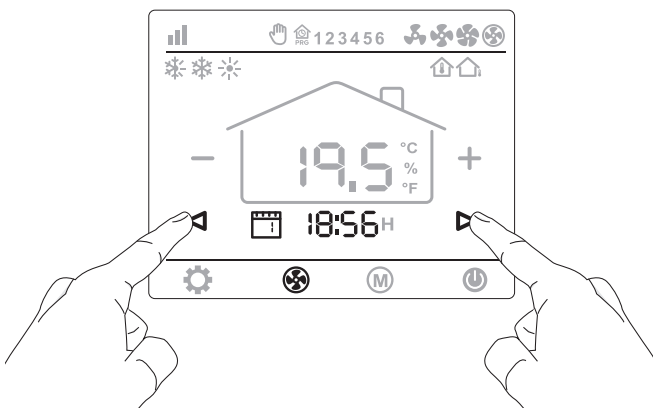
### 2a DAY AND TIME



Hold for 3 seconds

- Press briefly , press - or + briefly to set the minutes
- Press briefly , press - or + briefly to set the hours
- Press briefly , press - or + briefly to set the day
- Press briefly , Go to PROGRAM

### 2b PROGRAM: 7 DAYS, 2 TIME ZONES PER DAY



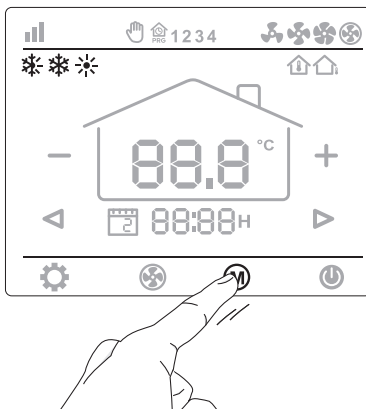
### 2a DAY AND TIME (PROGRAM)

- Press - or + briefly to set the minutes
- Press briefly , press - or + briefly to set the hours
- Press briefly , press - or + briefly to set the day
- Press briefly , repeat all actions, program the 7 days in this manner.

ATTENTION: after 8 seconds of inactivity, the thermostat automatically returns to operating mode.

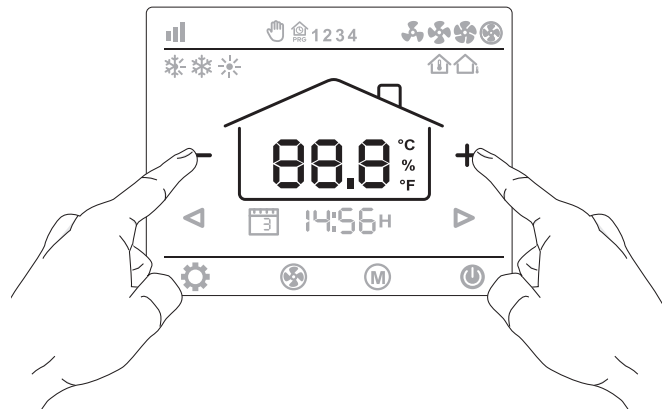
Week (7 days)	Time zone 1				Time zone 2			
> 7	To get up	Temp.	To go outside	Temp.	To go home	Temp.	To sleep	Temp.
1	From:		until:		From:		until:	
2	From:		until:		From:		until:	
3	From:		until:		From:		until:	
4	From:		until:		From:		until:	
5	From:		until:		From:		until:	
6	From:		until:		From:		until:	
7	From:		until:		From:		until:	

### 3 HEATING / COOLING



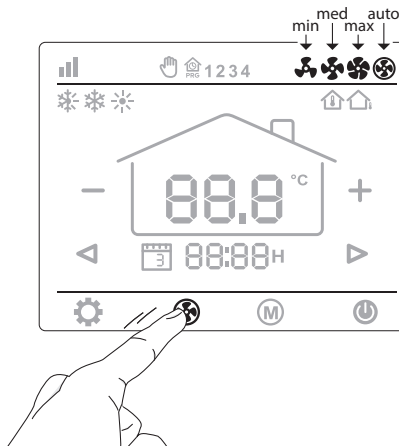
Press briefly

### 4 TEMPERATURE



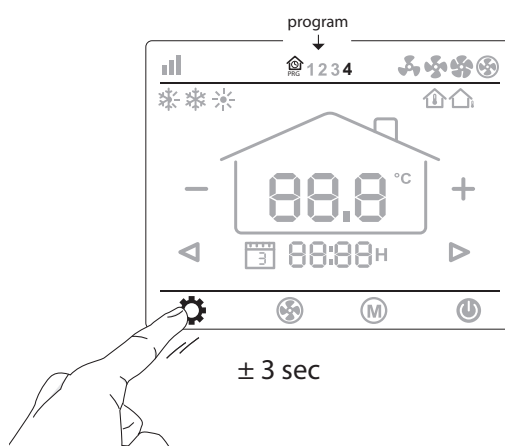
Briefly press the [-] or [+] button to adjust the set temperature

### 5 FANSPEED



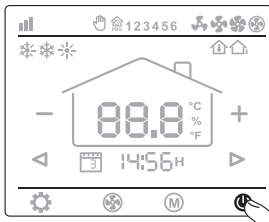
Press briefly :  
- min / med / max / AUTO


### 6 PROGRAM ON / OFF (PARTS OF THE DAY)

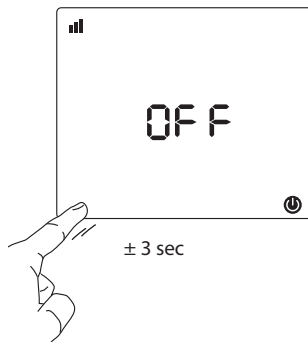


Hold for 3 seconds : Program On  
Hold for 3 seconds : Program Off

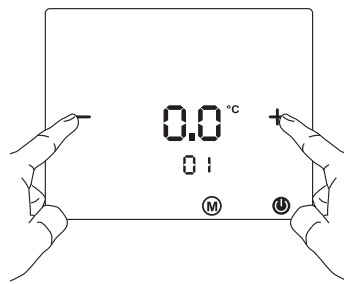
### Parameter settings



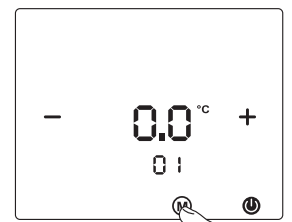
Switching off the thermostat: Press briefly 




To enter the parameter menu, press the lower left corner of the screen for 3 seconds, until "01" appears.



Adjust the settings with the "+" or "-" button.



Scroll through the menu with 



Menu	Description	settings	Default
01	Temp. Offset	-8 °C - +8°C	0 °C
04	Maximum temperature	+5 °C - +35°C	35 °C
05	Minimum temperature	+5 °C - +35°C	5 °C
06	Display mode	Room/ Set / Room Set	Room SET
07	Frost protection	+5 °C - +20°C	5°
11	Dead Band	0°C > +3°C	1
12	Sensor selection	Room / Floor / room floor	Room floor
13	2-pipes/4-pipes select	2/4	2
14	(0-10V) select dead band or not	0: With dead band 1: Without dead band	0
15	Reboot memory	Off/LA (last)	LA
16	Mode	Heating / Cooling / Heating + Cooling / Auto-change-over (4-pipe only)	Heating + cooling
17	Fanspeed	80% - 90% - 100% / Auto mode	100%
18	Maximum fan speed	80%...100%	100%
19	Medium fan speed	45%...75%	65%
20	Low fan speed	20%...40%	40%
21	°C - °F	C/F	°C
22	Factory reset	Re >Hold the [-] button for 3 seconds	
23	Software version	1.3	

### WIFI settings

- scan the QR code for the "SMARTLIFE" APP.
- download and install the "SMARTLIFE" APP via Google play or the APP store.



Connect the Thermostat JRT-100TW with the smartphone via WIFI :

- Press the icon  in the thermostat screen for ± 3 seconds. Briefly press the  icon in the thermostat screen.: WIFI will flash at the top left of the screen.
- Press the [+] sign in the Smartlife APP. Select "small household". Press the "WIFI" in the APP. Press "confirm". Log in to the WIFI network and enter your password. Press "confirm". De smartphone will now connect with the thermostat.
- "FCU1" appears on the smartphone screen
- Assign the thermostat to the desired room, e.g. kitchen, living room, bedroom... Press end.
- Restart the thermostat. The thermostat can now be operated with the Smartlife APP.