



QUICK MANUAL FOR LCD CONTROLLER

MONO & DUO







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1 GENERAL - PGD1



The graphic display consists of:

- LCD display
- 6 keys for menu management



ALARM: display and delete alarms

PRG: entrance in setting menu

ESC: return to a higher menu level and main menu





UP: move up through menu and enlarge value in settings (in main menu entry to function *PARTY*).

ENTER: entry to a lower menu level and value confirmation (in main menu entrance to set desired day and night room temperature, curve corrections and quick selection of the room space heating mode)









*only if a room temperature sensor is connected and activated.

DOWN: move down through menu and lower value in settings (in main menu entrance to function *ECO* and *HOLIDAY*).



Language can be changed by simultaneously pressing  and  buttons.

1.1 SIGNS ON THE DISPLAY

-  : outdoor unit operates in heating mode
-  : outdoor unit operates in heating mode (in case when the device is set to heating and this symbol is shown, outdoor unit is in defrost mode)
-  : function *PARTY* is activated
-  : function *ECO* is activated
-  : function *HOLIDAY* is activated
-  : function *EVU* is activated
-  : function *PV* is activated
-  : active electric heaters (no. of active stages)

1.2 BASIC DISPLAY IN STANDBY MODE



TIME	DATE
CELL 4	CELL 2
CELL 1	
CELL 3.	WORKING POWER
LANGUAGE	

In main menu, time, date, selected language and desired working power of outdoor unit are always shown.

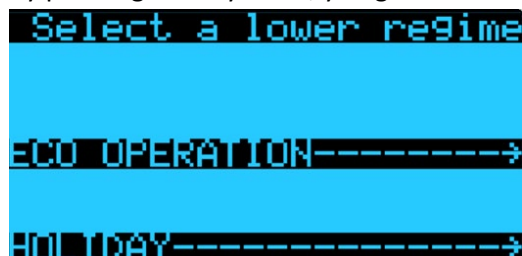
For other cells 1-4, there is an option to set value which will be shown. For more information see *BASIC SETTINGS*.

2 FUNCTIONS IN MAIN MENU

In main menu, there is a possibility to access to following functions:


2.1 LOWER REGIME

By pressing the key , you get to the settings for activating the ECO or Holiday function




By pressing the  or  the option *ECO* ali *HOLIDAY* function can be chosen

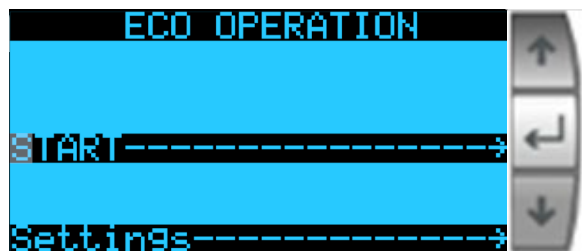
2.2 ECO


With press on  button you can access the *ECO* or *HOLIDAY* function.


In case there is a heating circle regulated according to time schedule and there is a need for working in lower regime when schedule is set to higher regime, we can use the *ECO* function. This function forces the device to work in lower regime for a time period which can be set under settings in *ECO* menu.

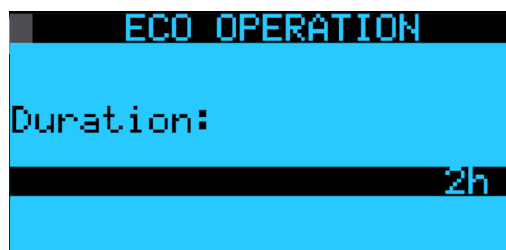
Function *ECO* can be turned off prematurely by pressing the  button in *ECO* menu.



*In case that *PARTY* function is activated, access to menu *ECO* is not possible.



By pressing the  button, *ECO* function can be turned *ON/OFF*.

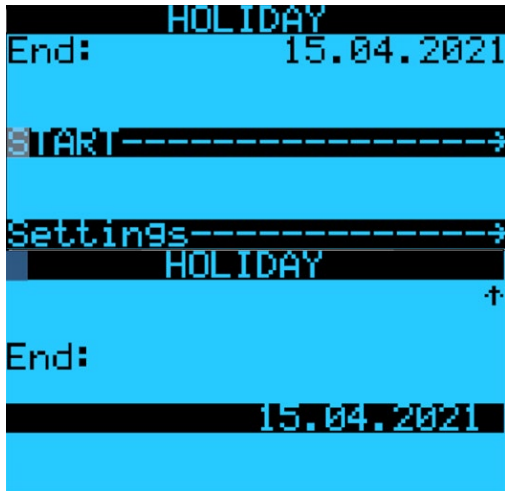
By pressing the  button, you access a menu to set time of function duration.





By pressing the  button, you enter into settings for function duration. With keys up and down you can set the desired duration, with the  button confirm settings.

Function is activated for set duration from function start.

2.3 HOLIDAY REGIME




By pressing the key  we activate or deactivate the *HOLIDAY* regime

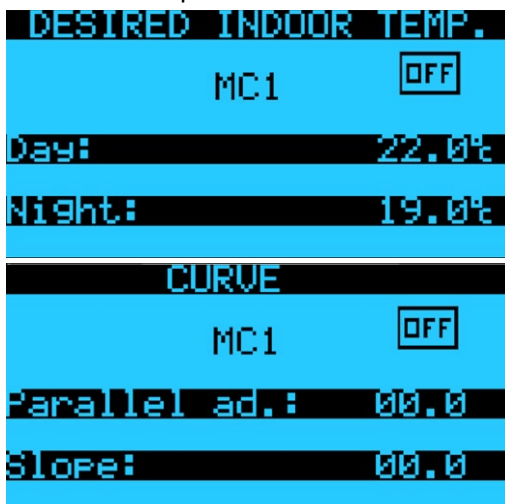
By pressing the key  the entrance to the settings for the duration of the function *HOLIDAY* is enabled

In this menu, you can set how long the device will operate according to the *HOLIDAY MODE* settings (although the timer is set differently).

2.4 QUICK SETTING FOR DESIRED ROOM TEMPERATURE

By pressing the  button in main menu you can access a menu to set desired day and night room temperature.



*This menu can be accessed only when a room temperature sensor is installed and regulation according to room or room + outdoor temperature is activated.

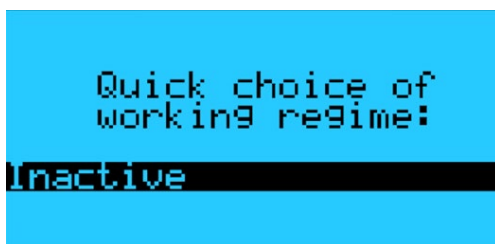



In this menu, desired day (higher regime) and night temperature (lower regime) can be set.

Increase and decrease of the total heating curve for the *MC 1*.
Changing the slope of the heating curve for the *MC1*.


2.5 QUICK CHOICE OF HEAT PUMP WORKING REGIME

With press on  or  buttons, we come to menu to change the working regime of the heat pump.




With the  button, you can enter a menu to choose the working regime of the heat pump and change parameters with *UP* and *DOWN* buttons.


- *INACTIVE FUNCTION*: the unit is working in set regime for each heating circle
- *OFF*: only *DHW* heating is activated
- *COOLING*: activated are all heating circles that have cooling activated in service settings
- *HEATING*: activated are all heating circles that have heating activated in service settings

Value can be confirmed with the  button.

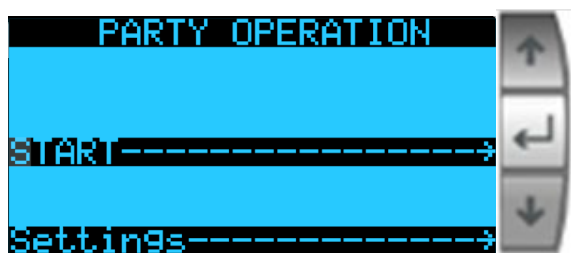
2.6 PARTY


By pressing the  button, you can access the *PARTY* function.


In case there is a heating circle regulated according to time schedule and there is a need for working in higher regime when schedule is set to lower regime, we can use the *PARTY* function. This function forces the device to work in higher regime for a period which can be set under settings in *PARTY* menu.

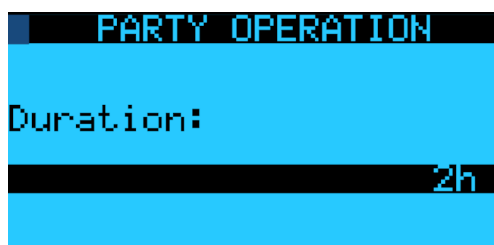
Function *PARTY* can be turned off prematurely by pressing the  button in *PARTY* menu.



In case that *ECO* function is activated, access to menu *PARTY* is not possible.



By pressing the  button, the *PARTY* function can be turned *ON/OFF*.


By pressing the  button, you access a menu to set time of function duration.

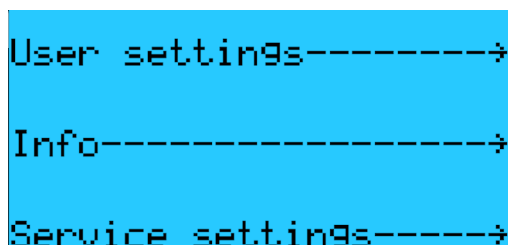





By pressing the  button you enter into settings for function duration. With keys up and down you can set the desired duration, with the  button confirm settings.

Function is activated for set duration from function start.

2.7 ACCESS TO SYSTEM SETTING MENU

By pressing the  button (PRG), you can access a submenu where 3 different menus are available.



- To enter into user settings, press the  button.
- To enter into info menu, press the  button.
- To enter into service settings, press the  button.

3 BASIC SETTINGS

3.1 I WANT TO SWITCH THE HEAT PUMP ON/OFF

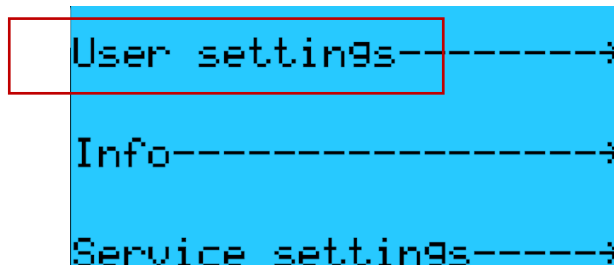
1. Next to the home screen, press the key



2. On pop-up window press the button



to enter **USER SETTINGS**.



3. Press the button



, to reach the **BASIC SETTING – SYSTEM ACTIVATION** setting menu.



4. Press the button



, to start with the setup.

5. By pressing the button



or we change the chosen parameters value.



6. Every change of the setting is stored and confirmed with pressing the icon



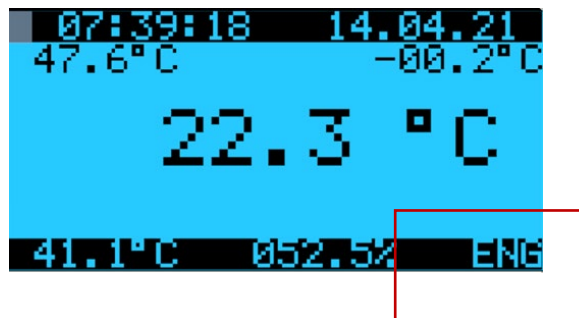
7. Exiting the menu is done by pressing the icon



3.2 I WANT TO CHANGE THE MENU LANGUAGE

1. Beside the main screen we press and hold the button  , button  is being pressed as long as we reach the needed language. Following languages are available

- Slovenian language
- French language
- Croatian language
- English language
- German language



3.3 I WANT TO SET THE TIME AND DATE

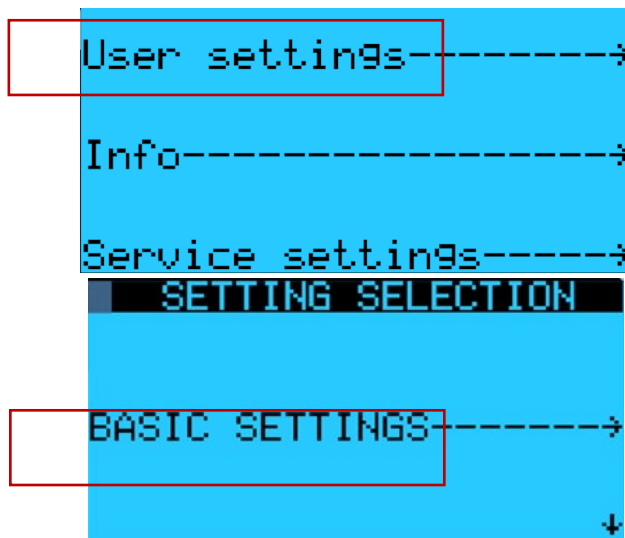
1. Next to the home screen, press the key



2. On pop-up window press the button



to enter **USER SETTINGS**.



3. Press the button



, to reach the menu **BASIC SETTINGS**.

4. Press the button



once.

5. By pressing the button



we define the parameter that we would like to set.



6. By pressing the button



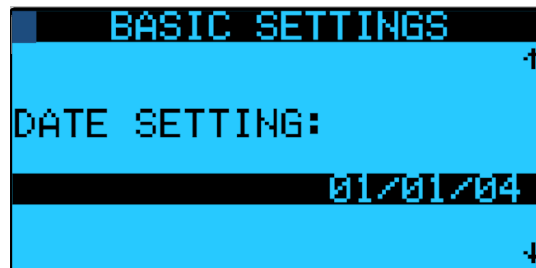
or we change the chosen parameters value.


7. Every change of the setting is stored and confirmed with pressing the icon




. Pressing the key again moves to the next parameter.


8. Press the button  , to reach the **DATE** setting menu.




9. Press the button  , to start with the setup.


10. By pressing the button  or  we change the chosen parameters value.

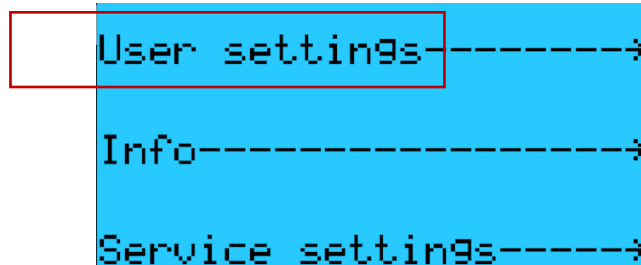
11. Every change of the setting is stored and confirmed with pressing the icon  . Pressing the key again moves to the next parameter.


12. Exiting the menu is done by pressing the icon  .

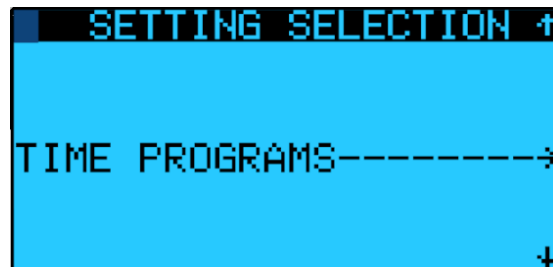
3.4 I WANT TO SET THE TIME PROGRAMS


1. Next to the home screen, press the key .

2. On pop-up window press the button  to enter **USER SETTINGS**.



3. Press the button , to reach the **TIME PROGRAMS** setting menu.




4. Press the button , to enter the **TIME PROGRAMS** setting menu.


5. In the menu we can choose between 5-time intervals. A maximum of three operating time intervals can be set for each time interval.

6. By pressing the button  we move between parameters.





7. By pressing the button  or  we change the chosen parameters value.

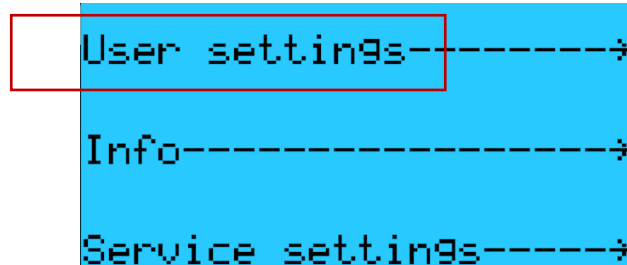
8. Every change of the setting is stored and confirmed with pressing the icon .



9. Exiting the menu is done by pressing the icon .

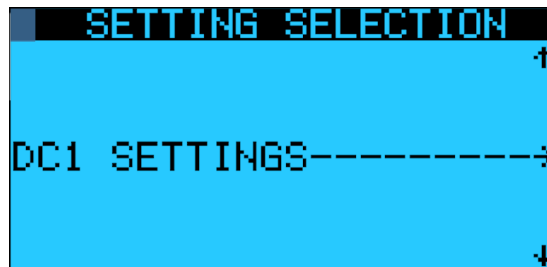
3.5 I WANT TO ACTIVATE TIME PROGRAMS FOR HEATING CIRCLES


1. Next to the home screen, press the key .


2. On pop-up window press the button  to enter **USER SETTINGS**.

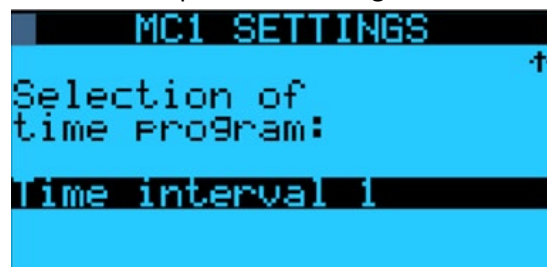


3. By pressing the button  or  we move to the parameters **DC1, DC2, DC3, MC1 or MC2**.





4. At chosen option please press the button , to reach the **DC1, DC2, DC3, MC1 or MC2** setting menu.

5. Press the button  **once**, to reach the option of selecting the **TIME PROGRAM**.




6. Press the button , to enter the **TIME PROGRAMS** setting menu and press the button  or  to choose the desired time program.


7. Every change of the setting is stored and confirmed with pressing the icon .

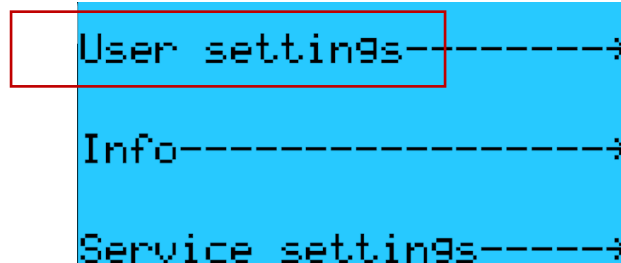
8. Exiting the menu is done by pressing the icon .


4 DHW

4.1 I WANT TO SET THE DESIRED DHW TEMPERATURE


1. Next to the home screen, press the key .


2. On pop-up window press the button  to enter **USER SETTINGS**.

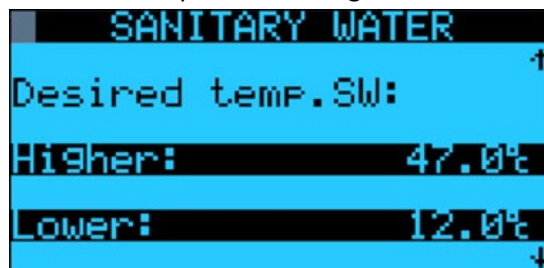



3. Press the button  **once**, to reach the **SANITARY WATER** setting menu.




4. Press the button , to enter the **SANITARY WATER** setting menu.


5. Press the button  **once**, to reach the option of setting the **DESIRED TEMPERATURE OF SANITARY WATER**.



6. By pressing the button  we move along the setup of individual parameters (higher or lower sanitary water temperature).


7. By pressing the button  or  we change the chosen parameters value.

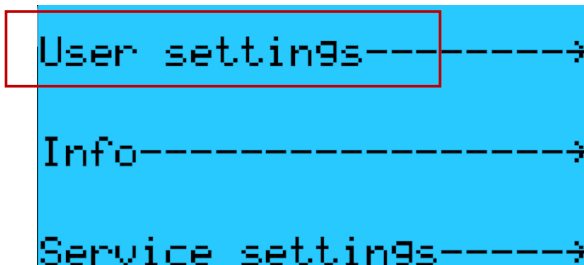
8. Every change of the setting is stored and confirmed with pressing the icon .

9. Exiting the menu is done by pressing the icon .

4.2 I WANT TO ACTIVATE/DEACTIVATE THE ANTILEGIONELA PROGRAM


1. Next to the home screen, press the key .

2. On pop-up window press the button  to enter **USER SETTINGS**.

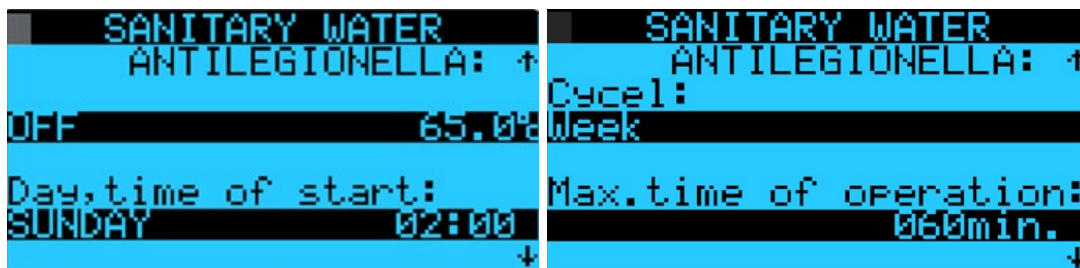


3. Press the button  **once**, to reach the option of setting the **SW (SANITARY WATER) setting**.




4. Press the button , to enter the **SANITARY WATER** setting menu.

5. Press the button  **3-times**, to reach the **ON/OFF, DESIRED TEMPERATURE, DATE AND TIME OF ACTIVATION and REGIME OF ANTILEGIONELA PROGRAM**




6. By pressing the button  we move along the setup of individual parameters


7. By pressing the button  or  we change the chosen parameters value.

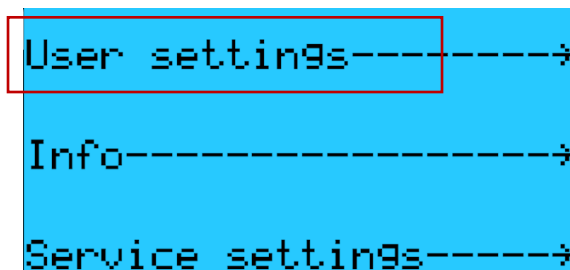
8. Every change of the setting is stored and confirmed with pressing the icon .


9. Exiting the menu is done by pressing the icon .

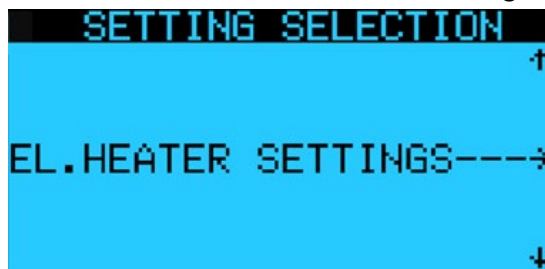
4.3 I WANT TO SWITCH ON/OFF THE -ELECTRIC HEATERS


1. Next to the home screen, press the key .



2. On pop-up window press the button  to enter **USER SETTINGS**.



3. By pressing the button  to reach the **ADDITIONAL SOURCE** setting menu.





4. Press the button , to enter the **ADDITIONAL SOURCE** setting menu.

5. The system will request the **PASSWORD**. By pressing the button  or  we set the value to **0005**.

6. Press the button , to confirm the password.

7. Press the button , to reach the **ACTIVATION OF THE ACTIVATION SOURCE** setting menu.

8. By pressing the button  or , we define the **WAY** on which the additional source it activated
Following options are available: **Automatic, manual or OFF**.




9. Every change of the setting is stored and confirmed with pressing the icon .





10. Exiting the menu is done by pressing the icon .

5 OPERATION OF THE HEATING CIRCLE DC1, DC2, DC3, MC1 and MC2

5.1 I WANT TO CHANGE THE DESIRED ROOM TEMPERATURE FOR HEATING AND COOLING


1. Next to the home screen, press the key  .

2. Press the button  or  to reach the **DESIRED ROOM TEMPERATURE FOR HEATING CIRCLE** setting menu (**DC1, DC2, DC3, MC1 or MC2**).


Higher temperature regime.
The mode **IS** active when the time program or 24-hour operation is set for the selected heating circuit.




Lower temperature regime.
The mode **IS** active when no time program or 24-hour operation is set for the selected heating circuit.

3. Press the button  to choose the parameter we would like to change.

4. By pressing the button  or  we change the chosen parameters value.

5. Every change of the setting is stored and confirmed with pressing the icon .

6. Exiting the menu is done by pressing the icon .

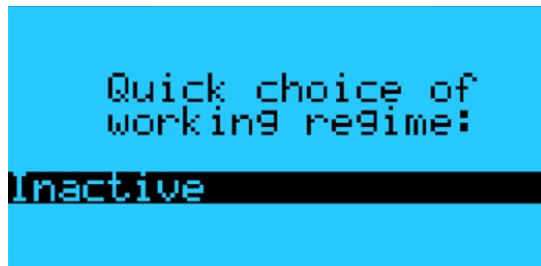
5.2 I WANT TO SWITCH OFF THE HEATING

For **SWITCHING OFF THE HEATING**, 2 different methods are available:



5.2.1 Method 1


1. Next to the home screen, press the key  .

2. Pressing the button  to reach the **QUICK CHOICE OF WORKING REGIME** setting menu.




3. Press the button  , to start with the setup.


4. By pressing the button  or  we change the chosen parameters value. Please set to option **OFF**.

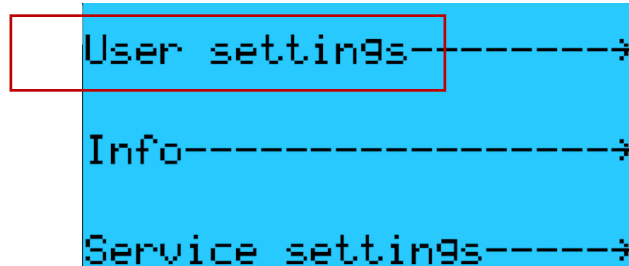
5. Every change of the setting is stored and confirmed with pressing the icon  .



6. Exiting the menu is done by pressing the icon  .

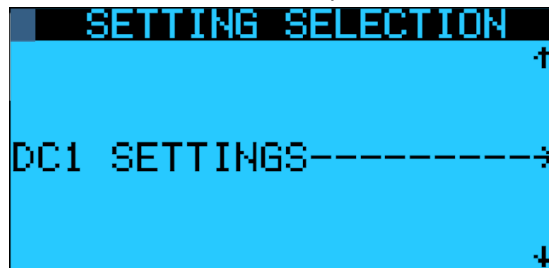
5.2.2 Method 2


1. Next to the home screen, press the key .

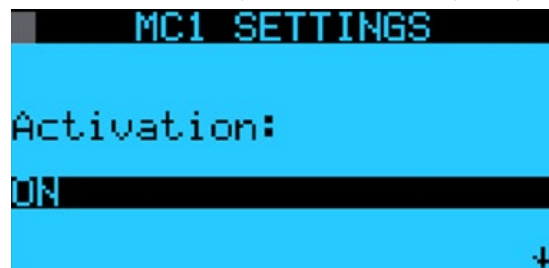
2. On pop-up window press the button  to enter **USER SETTINGS**.






3. By pressing the button  or  we move to the parameters **DC1, DC2, DC3, MC1 or MC2**.





4. At chosen option please press the button , to reach the **DC1, DC2, DC3, MC1 or MC2** setting menu.



5. Press the button , to start with the **Activation** setup.

6. By pressing the button  or  we change the chosen parameters value. Please set to option **OFF**.

7. Every change of the setting is stored and confirmed with pressing the icon .



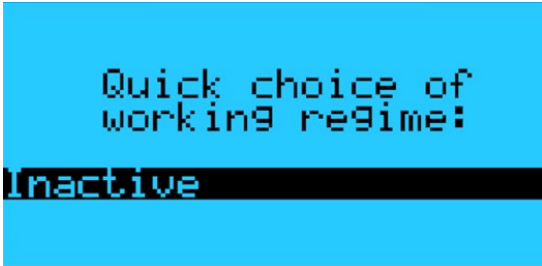
8. Exiting the menu is done by pressing the icon .






5.3 I WANT TO SWITCH ON THE HEATING

For **SWITCHING ON THE HEATING**, 2 different methods are available:


5.3.1 Method 1


REMARK: In case that for heating and cooling the same circle is used this method is not usable.

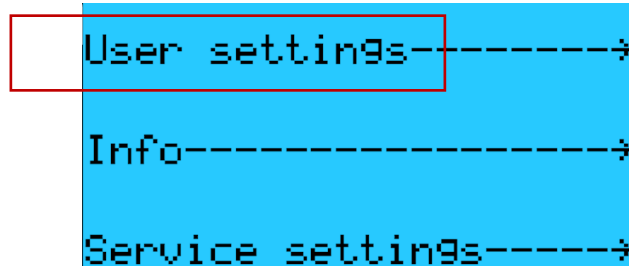
1. Next to the home screen, press the key  .
2. Pressing the button  to reach the **QUICK CHOICE OF WORKING REGIME** setting menu.




Quick choice of
working regime:
Inactive
3. Press the button , to start with the setup.
4. By pressing the button  or  we change the chosen parameters value. Please set to option **HEATING**.
5. Every change of the setting is stored and confirmed with pressing the icon  .
6. Exiting the menu is done by pressing the icon  .

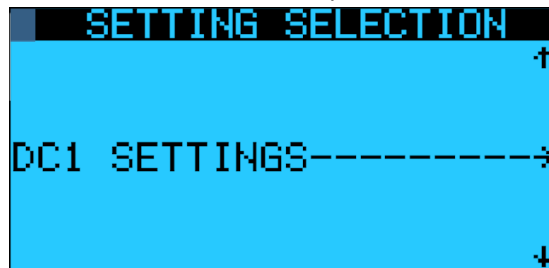
5.3.2 Method 2


1. Next to the home screen, press the key .

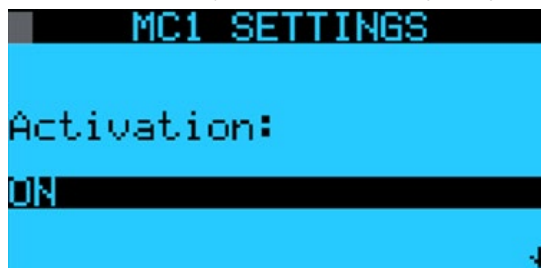
2. On pop-up window press the button  to enter **USER SETTINGS**.






3. By pressing the button  or  we move to the parameters **DC1, DC2, DC3, MC1 or MC2**.





4. At chosen option please press the button , to reach the **DC1, DC2, DC3, MC1 or MC2** setting menu.

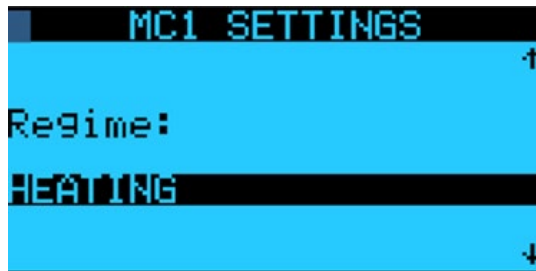



5. Press the button , to start with the **Activation** setup.



6. By pressing the button  or  we change the chosen parameters value. Please set to option **ON**.

7. Every change of the setting is stored and confirmed with pressing the icon .


8. Press the button  to reach the **REGIME** setting menu.



9. Press the button , to start with the **Regime** setup.

10. By pressing the button  or  we change the chosen parameters value. Please set to option **HEATING**.

11. Every change of the setting is stored and confirmed with pressing the icon  .



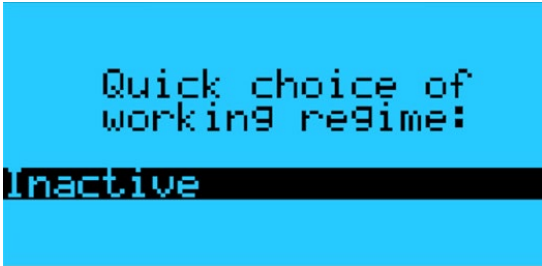
12. Exiting the menu is done by pressing the icon  .






5.4 I WANT TO SWITCH ON THE COOLING

For **SWITCHING ON THE COOLING**, 2 different methods are available:


5.4.1 Method 1


REMARK: In case that for heating and cooling the same circle is used this method is not usable.

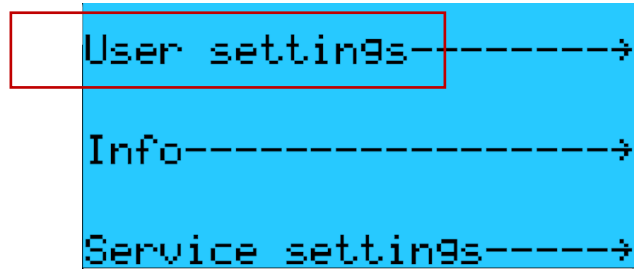
1. Next to the home screen, press the key  .
2. Pressing the button  to reach the **QUICK CHOICE OF WORKING REGIME** setting menu.




Quick choice of
working regime:
Inactive
3. Press the button  , to start with the setup.
4. By pressing the button  or  we change the chosen parameters value. Please set to option **COOLING**.
5. Every change of the setting is stored and confirmed with pressing the icon  .
6. Exiting the menu is done by pressing the icon  .

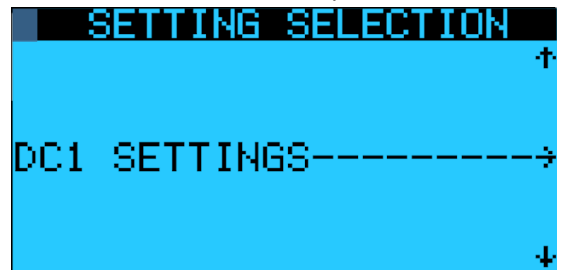
5.4.2 Method 2


1. Next to the home screen, press the key .


2. On pop-up window press the button  to enter **USER SETTINGS**.





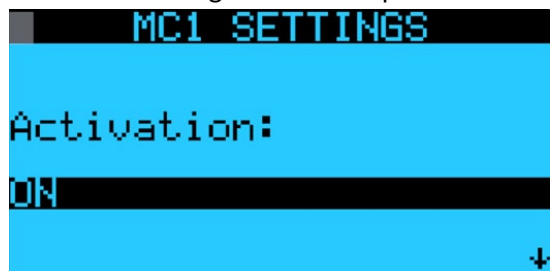
3. By pressing the button  or  we move to the parameters **DC1, DC2, DC3, MC1 or MC2**.




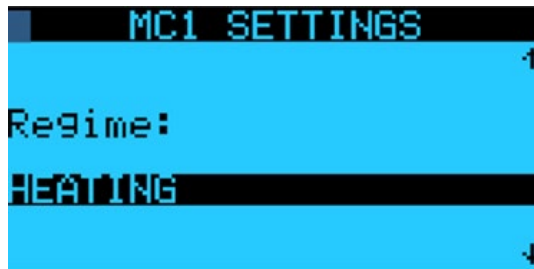
4. At chosen option please press the button , to reach the **DC1, DC2, DC3, MC1 or MC2** setting menu.


5. Pressing the button , to start with the setting the values for **DC1, DC2, DC3, MC1 or MC2**.



6. By pressing the button  or  we change the chosen parameters value. Please set to option **ON**.





7. Press the button  *once*, to reach the **REGIME** setting menu.



8. Press the button , to start with the **Regime** setup.

9. By pressing the button  or  we change the chosen parameters value. Please set to option **COOLING**.



10. Every change of the setting is stored and confirmed with pressing the icon .

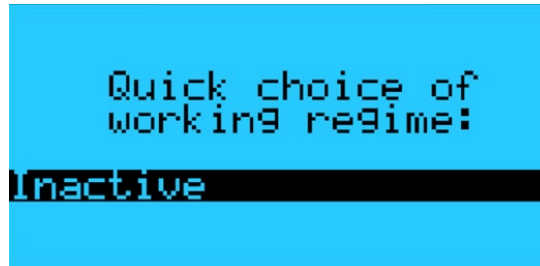
11. Exiting the menu is done by pressing the icon .






5.5 I WANT TO SWITCH OFF THE COOLING

For **SWITCHING OFF THE COOLING**, 2 different methods are available:

5.5.1 Method 1

1. Next to the home screen, press the key  .
2. Pressing the button  to reach the **QUICK CHOICE OF WORKING REGIME** setting menu.

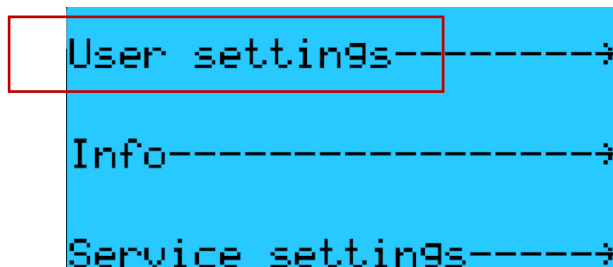


3. Press the button  , to start with the setup.
4. By pressing the button  or  we change the chosen parameters value. Please set to option **OFF**.
5. Every change of the setting is stored and confirmed with pressing the icon  .
6. Exiting the menu is done by pressing the icon  .

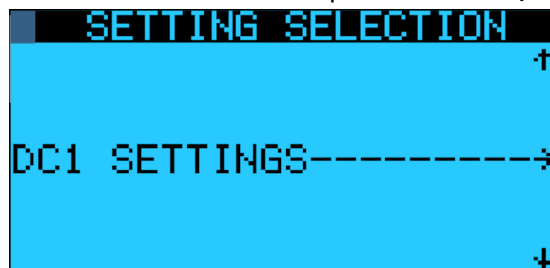
5.5.2 Method 2


1. Next to the home screen, press the key .

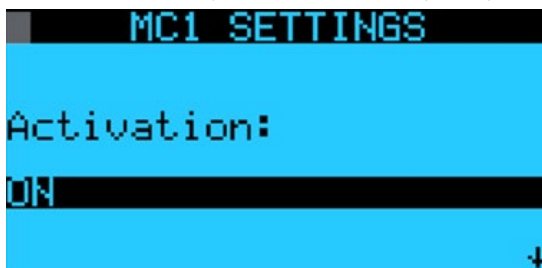
2. On pop-up window press the button  to enter **USER SETTINGS**.






3. By pressing the button  or  we move to the parameters **DC1, DC2, DC3, MC1 or MC2**.



4. At chosen option please press the button , to reach the **DC1, DC2, DC3, MC1 or MC2** setting menu.



5. By pressing the button  or  we change the chosen parameters value. Please chose the option **OFF**.


6. Every change of the setting is stored and confirmed with pressing the icon .

7. Exiting the menu is done by pressing the icon .

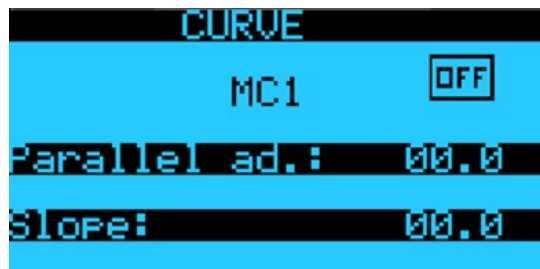
5.6 I WANT TO ADJUST THE PARALLEL CORRECTION AND THE SLOPE OF THE HEATING CURVE


For **ADJUSTING THE PARALLEL CORRECTION AND SLOPE OF THE HEATING CURVE**, 2 different methods are available:

5.6.1 Method 1

1. Next to the home screen, press the key .


2. Press the button  to reach the **ADJUSTING THE PARALLEL CORRECTION AND SLOPE OF THE HEATING CURVE** setting menu.




3. By pressing the button , we chose the parameter that we would like to change.


4. By pressing the button  or  we change the chosen parameters value.

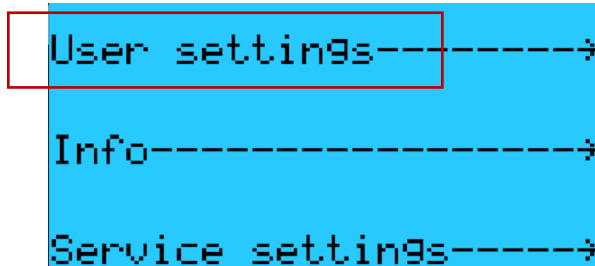
5. Every change of the setting is stored and confirmed with pressing the icon .



6. Exiting the menu is done by pressing the icon .

5.6.2 Metoda2


1. Next to the home screen, press the key .

2. On pop-up window press the button  to enter **USER SETTINGS**.




3. By pressing the button  or  we move to the parameters **DC1, DC2, DC3, MC1 or MC2**.




4. At chosen option please press the button , to reach the **DC1, DC2, DC3, MC1 or MC2** setting menu.

5. Press the button  to reach the **PARALLEL CURVE CORRECTION** setting menu.




6. Press the button , to start with the setting the values for the **Parallel heating curve correction**.

7. By pressing the button  or  we change the chosen parameters value.


8. Every change of the setting is stored and confirmed with pressing the icon .


9. Press the button  to reach the **SLOPE CORRECTION OF HEAT PUMP** setting menu.



10. By pressing the button , the values for *slope correction of the heating curve are defined*.

11. By pressing the button  or  we change the chosen parameters value.

12. Every change of the setting is stored and confirmed with pressing the icon .

13. Exiting the menu is done by pressing the icon .