

spa control system WPS A3



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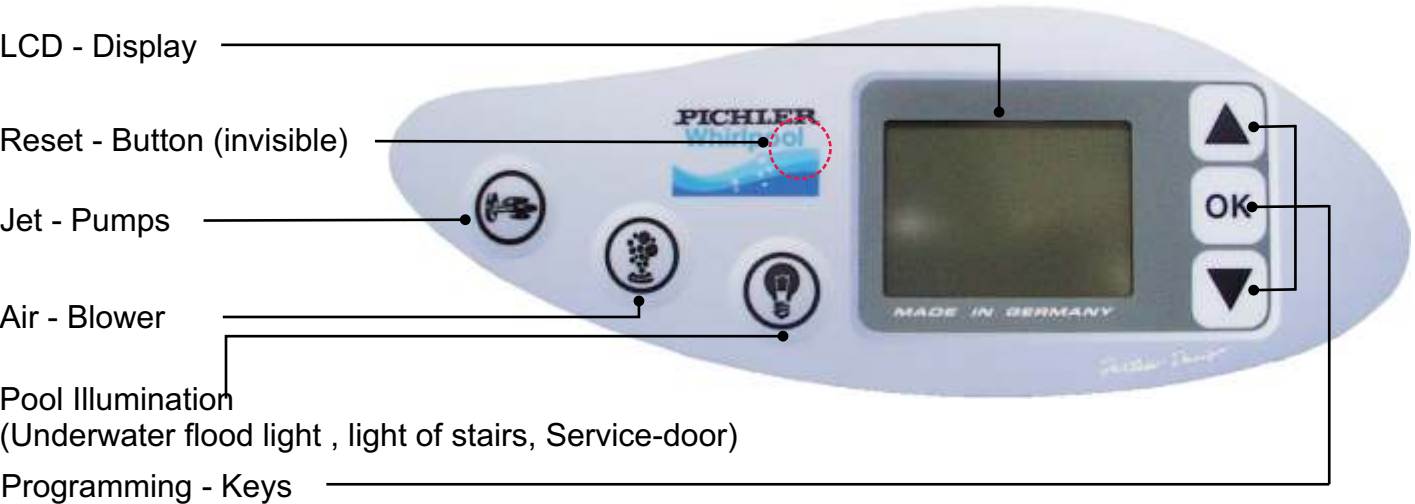
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spa controler system manual for customer WPS A3

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**spa Control system
Control element**

The control element Consists of a LCD display, the operating keys of activating jet pumps, air blowers and pool light, the RESET button and the programing keys. Figure shows the front panel of the spa and provides Provides an overview of each key that you need to start some already. Detailed explanations of using and programing of the adjustments to follow later in the appropriate sections.



LCD - Display

LCD display on the operating conditions are indicated. So you can see trouble and alarm code as well as the respective setting data in Programing mode. The display shows lines up to fourth If there are out of the more lines display a range simbol like an arrow will be shown on right side. The LCD display on the display of the operating condition of the spa is shown, also warning and error messages are displayed, as well as the respective setting in the programming mode. The display can display up to 8 lines in the window. If additional lines outside the visible range of the display is, is this right to a simbol in the form of a arrow appears.

**Whirlpool Controler
Control element**



Hand of rotation left

Hand of rotation right

Logo

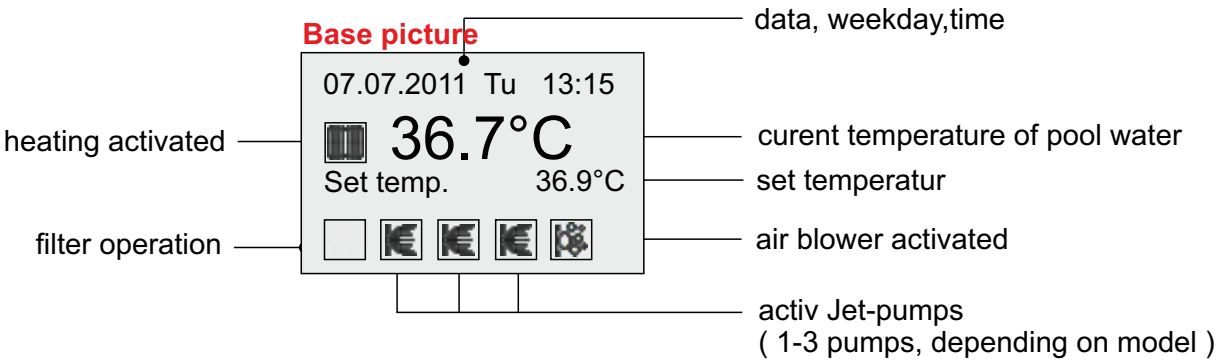
This logo will be shown for 5 seconds after starting up or after pushing the RESET-button.



Software-version

Below is the latest right here Software version is displayed.

Explantation of symbols on display



Operate whit internal end activite heat exchanger

To operate of heating exchanger with Symbol dazzle. Is heating exchange out of operate, or rather it is low temperature in accumulator, changing this symbol to normal electro heating operation.

Whirlpool controller

Control element

LCD-Display

Reset- button

The displays shown in the display is reversible, so that they both foreign, as well as the Inside the spa is readable. The change of the display is done using the following

Key: „▼“ - to read the display from outside the pool

„▲“ - to read the display from within the pool

Note: The conversion only works in the base screen (see [page 3](#))

Advice Reporting text on LCD-Display


Spa controller detects errors and advises on display.

This may avoid must be closed, that the spa will operating normal.


(Read the pages vor „errors and advices“)

Kids safety lock

Kid lock one of the buttons combination activate or deactivate (disable).

Push the bottom  up and down synchronistic (at once) to lock from displays.

To unlock for childres shoring actualition „RESET“ button or once again, synchronistic

pushing  up and down buttons.



Jet - pumps

Each actuation of key switch on sequential jet pump (depending on) 1, 2 and 3 on or rather off



Air-blower

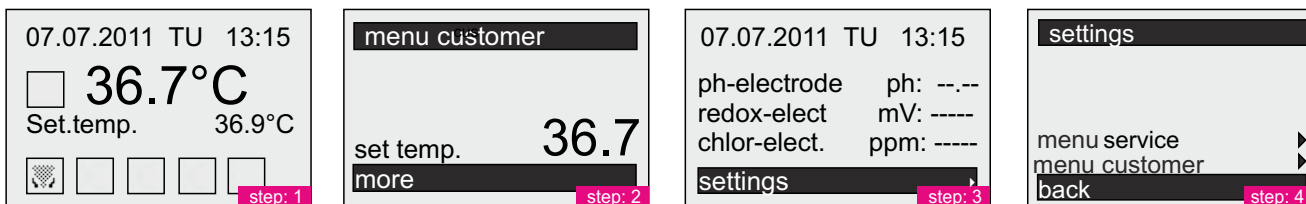
You swich on and off the air blower



Pool illumination (LED therapie lamp with light dimming)

With this key you can switch on or off the pool so you can dim light and luminance stageless. By pushing the button a second longer then helped the dimming function will be activated. If you push the button longer will change luminace first until maximum and minimum until then also be turned on with the service-door illumination then automatically after a time 5 min ago 15min. switch off automaticly.

Menu customer



1. you could going to base picture (step: 1)
2. In the „menu customer“ gelangen Sie wie folgt: Drücken Sie 3 x hintereinander die „OK“ Taste.

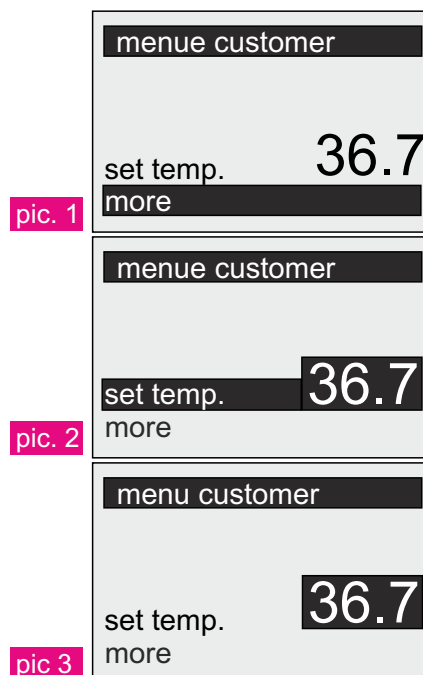
Temperatur setting

you push the 1 button "OK", then the menu appears with the set point of temperature setting (pic. 1).

Then use the up arrow key on "OK" button Press select to set the target temperature (pic 2)

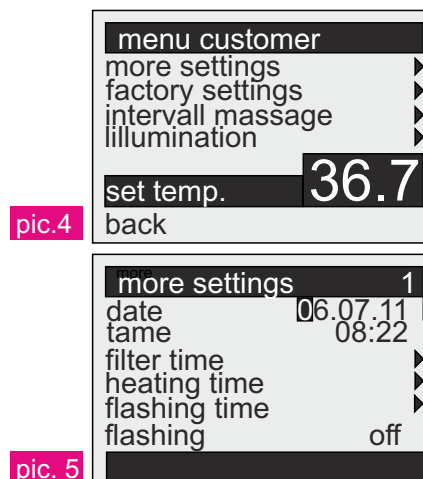
you push the arrow up „▲“ or down „▼“ to set the desired bathing temperature. With the button "Ok" to save now on the temperature (pic 3).

To switch from the menu to the base screen, wait 1 minute to the image jumps back automatically, or press the down arrow, and than click "Next" and than on the "OK" button until you return to the base screen.



Date and Time Setting

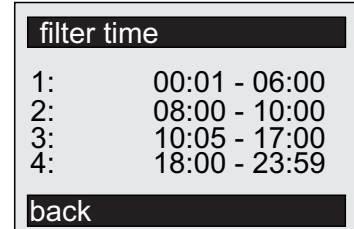
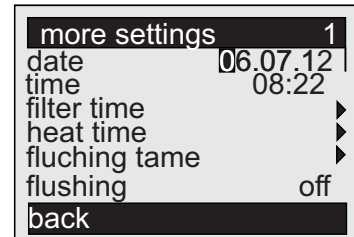
Go to the Customers menu (pic. 4) to "Once More." Use the arrow key up the line with „▲“ the date or time. Then confirm with „▲“ with the "OK" button. You can now use the arrow key or sequentially Day, month, year, or hours, minutes, seconds set (pic.5) confirm, then the "OK" button each setting.



Filter time

Press the " menu customer" to "more settings than you can push the arrow button to the up „▲“ First Filter time and go to the bar afterwards with the "OK" button to set mark.
Now use the arrow keys „▲“ „▼“ to select the desired filter time set and confirm with "OK" button.
It can be set 4 different filter times.
If no filters required time in a row or registered have 00:00 - 12:00 will be set in the line.

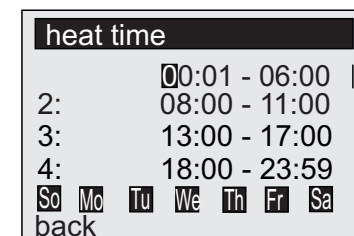
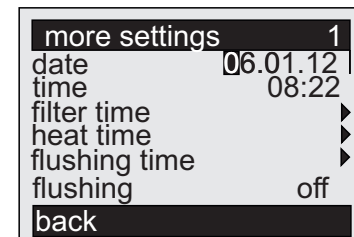
Warning: The heating time and the filter to time should be same!



Heating time

Press the " menu customer" to "more settings Then you can click the arrow to the up „▲“ First Heating time and the bar then go to the "OK" button to set mark.
Now use the arrow keys „▲“ „▼“ to select the desired heating Set and confirm with "OK" button.
It can be set 4 different heating times.
If no heating required in a row, or registered have 00:00 - 12:00 will be set in the line.

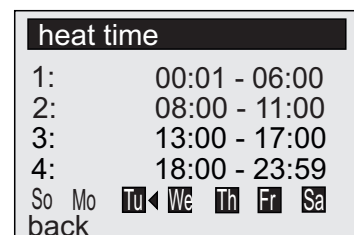
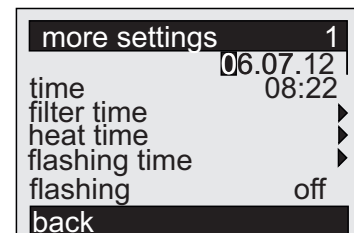
Warning: The heating time and the filter time should be the same!



Heat days

Press the " menu customer" to "more settings Than you can click the arrow to the up „▲“ Heating days whit "OK" button mark.
Now use the arrow keys „▲“ „▼“ „AKTIVATED“ or „DEAKTIVATED“.

In this example, the heating days Sunday and Monday (Sun, Mon) disabled.
Heating only, the black days.



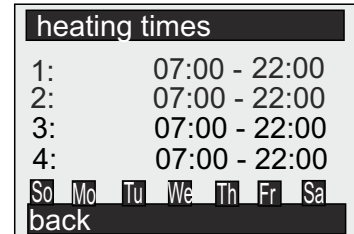
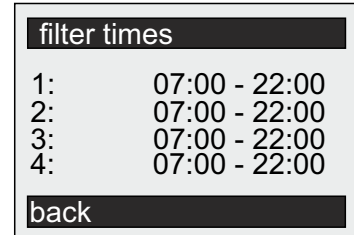
For example, filters and heating times setting

The time setting for heating and filtering should be set equal be to keep track of the setting.

Shown is a typical setting, if during the night no noise in residential areas are desirable.

ATTENTION:

It still needs a minimum set of filter time 15 hours be to ensure optimum water quality. The automatic dosing system works only when the Filter operation!

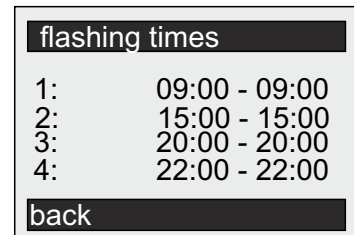
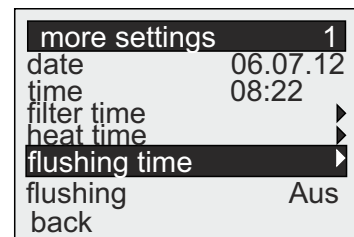


Flushing times setting

Under the menu item "More Settings", select "Flush times".

There are 8 different programmable flush times. Usually meet four different times as in the example image is seen.

In the scavenging process of pre-programmed for a period of 5 sec.is to be activated all pumps, blowers and motors for mixing all points in the tubes with disinfecting bleach to clean them.

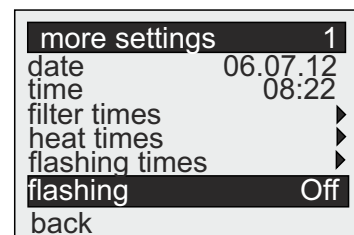


Flashing manually select

Under the menu item "More Settings", select "flashing".

Press the "OK" button, then select it with the cursor up "on" confirm with "OK" button.

Now, the flashing process is running for 5 seconds.

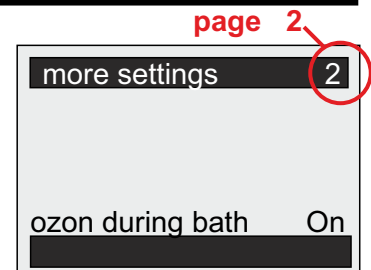


Ozon at bath

Under the menu item "More Settings", press the Up arrow key until you get to page 2. Select the desired option.

You can use the ozone while bathing "ON" or "OFF" choose.

Have you selected the "ozone in the bath" to "OFF", turns the ozone device off as soon as a pump or blower turns on.



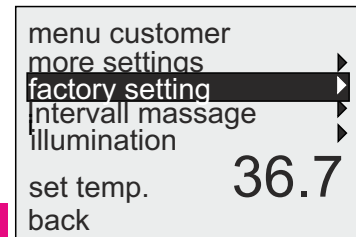
Factory setting

Select the menu item "menu customer", default (Pic.1).

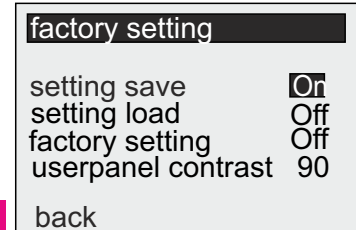
Setting secure: To On / Off , press the button settings with secure the "OK" button appears with the arrow facing up to „▲“ then "ON" to save the changes, once again the "OK" Button. (Fig. 2)

Warning: Please after each change you want to backup the setting must be secured

Setting load: To On / Off settings, press the button setting overloaded with the "OK" button appears with the arrow facing up to „▲“ then "ON" to load the changes, once again the "OK" Button. (Fig. 2)



Pic.1



Pic 2

Factory settings. To On / Off (Here, the changed settings

The factory defaults are reset.

If before a backup is created, you can also re-loading!

Display contrast: 1-150 (The contrast can range from the level 1-150 be changed. Select the optimum level for you.

Intervall message

The intervall message setting can be found under the menu item "more settings". Select "intervall message."

Select the intervall for message by "1 second" both buttons (see „page 2 "controls) pressed.

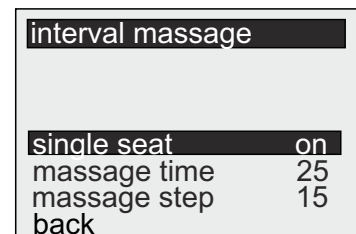
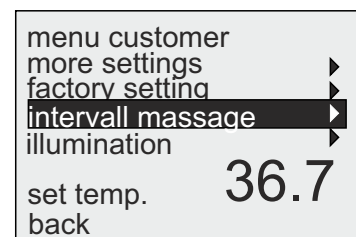
Clear the intervall for message by "1 second" both keep the buttons pressed again.

Single: from On (The interval of each operating unit can message be separately switched „on“, or „off“.

Single user: Off (The intervall of each message can control part of all valves are on or off.

Message duration: 0-30min. (The message is for the set intervall active time and than switches off automatically).

Message level: 1-15 (1 = slowest speed interval, 15 = fastest speed)



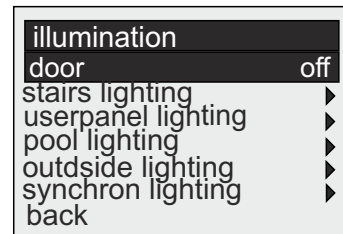
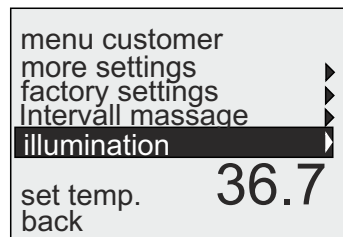
Lighting, door lighting

Under the menu item "customer menu" choose "light".

Tuerbeleuchtung: On (The service door interior light is switched on, and may the Light button (see page 2) off again be).

Tuerbeleuchtung: OFF (The service is door-Interior light off).

Automatic shutdown: The service door interior lighting with the "lighting (see S 2) is always automatically for 15 min. turned on, and then switches off again.



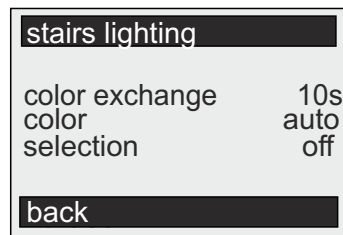
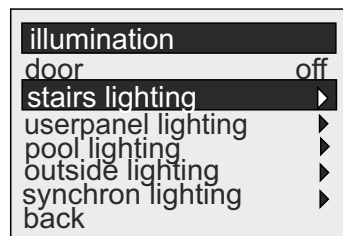
Lighting, stair lighting

The menu item "stair light", the following selection be taken:

Color change: cycle in seconds selectable 1-120 seconds

Colour: Automatic: (automatic switching of all colors)
Single: auto, red, green, yellow, blue, purple, aqua, white

Selection: On, Off
Car (the stair lights turn on with activity
Press "Light" (see page 2) for 5 min. , and then switches again automatically.



Lighting, panel lighting and pool lighting

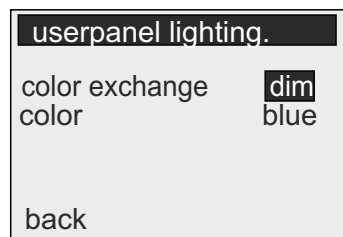
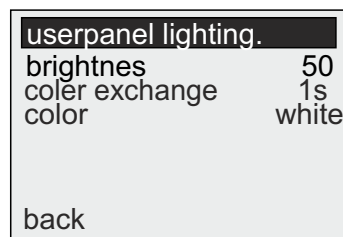
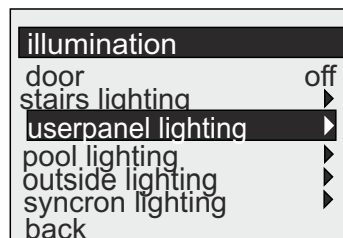
The menu item "panel lighting and pool lighting"
The following selection can be made:

Brightness: Level 1-50 seconds adjustable (only available when the different colors!)

Color change: cycle in seconds selectable 1-120 seconds
(is less like 1 second to select appears "dim")

Color: Single: auto, red, green, yellow, blue, purple, aqua, white
dim: (automatic switching of all colors)

Color change: cycle in seconds selectable, 1-120



Warning: When selecting the "dim" feature, the colors automatic-dimming up and down.
Selection: Menu -> **Color:** "Single" Here, all Options are also selected.

Outdoor Lighting

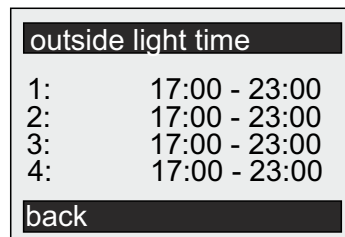
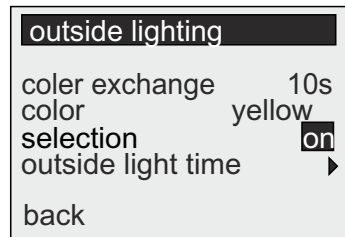
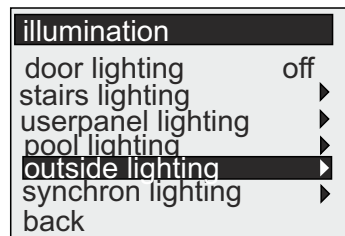
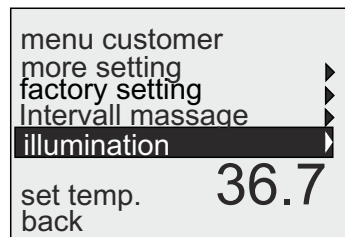
The menu item "**Outdoor Lighting**", the following selection can be set:

Color change: cycle in seconds selectable 1-120 seconds

Colour: Automatic (automatic switching of all colors)
Single: auto, red, green, yellow, blue, purple, aqua, white

Selection: On, Off
Automatic (the stair lights turn on with activity press "Light" (see S 2) for 5 min. , and then switches again automatically.

Outseid lighting time: There are 4 different outdoor lighting times programmable: e.g. 1: 17:00 - 23:00 clock. (Only this time, turn the outside lights, if the selection: "AUTO" is set).



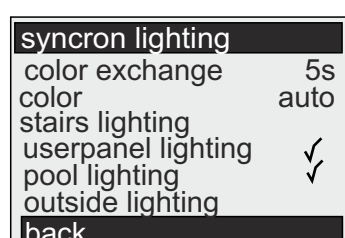
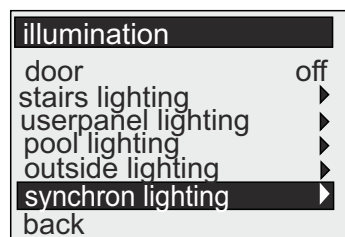
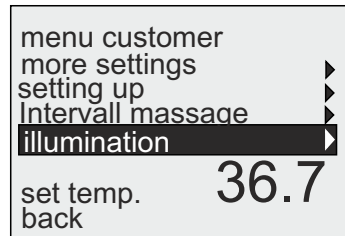
Lighting, synchronized lighting

In the menu item „**Synchron lighting**“, the following selection can be set:

Color change: cycle in seconds selectable 1-120 seconds

Colour: Automatic (automatic switching of all colors)
Single: auto, red, green, yellow, blue, purple, aqua, white

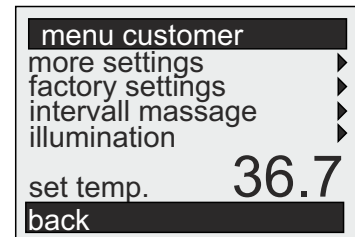
Selection: To select a synchronous lighting to Hook „✓“ „on“ or without a hook „off“.
Stairs, control panel, underwater light and exterior lighting can be linked together so that all LEDs simultane working with the same color light.



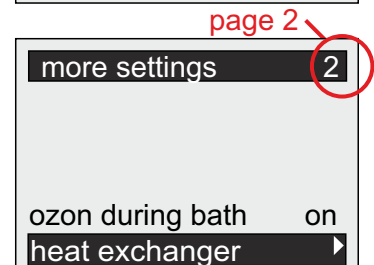
Warning: The dim-function in the control panel and pool lighting works only if the synchronous lighting the "hook" are turned off!

Heat exchanger

Under the menu item "Customer Menu", select the arrow button up to page 2

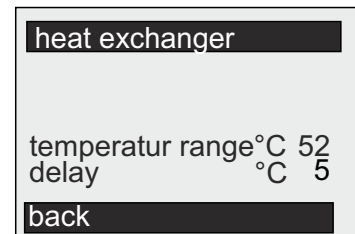


Then press the menu item "heat exchanger". In this menu you can choose from when the temperature should turn on the electric heater.

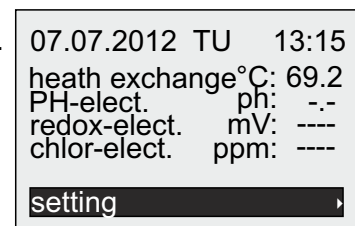


The adjustable "delay" means that only when these temperature is still well below the electric heating is activated.

(Will be avoid with that the heating reservoir and the electrical heating constantly switch on-off).



If you are in the base menu, press in once on the "OK" button than you see the current temperature heat **storage value**. (as example here, on the display will be shown heating exchanger °C: 69.2).



Warning: On the main screen (Page 3) appear alternately the heat exchanger  or the E-heath symbol 

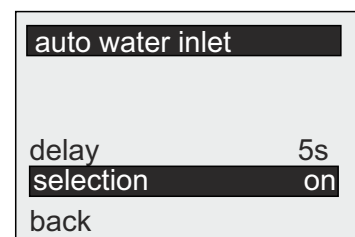
It appears the current operational status!

Water inlet

This function is not working, or from one of our dealers set and activated.

It is here, depending on the current water pressure of the water line Will follow-up time of Water "Delay" is set.

This prevents unnecessary short activate and deactivate the water-Level sensor.



Warning: The water activity makes waves into the spa, so the water level sensor will make malifunctions. So can set the specially overflow time, to reduce the switch on/off activity of water waves into the spa. This time to set in seconds should be overfilling the water into the spa about 1cm more waterlevel from the point of sensor signal.

Malfunction

| Cause of error | troubleshooting |
|--|---|
| customer menu can not opening | <p><u>activation customer menu</u></p> <ul style="list-style-type: none"> - go to customer menu, (page 5), overhead should be read menu „settings“. - Push, und keep the button „OK“ longer as 15 seconds until the customer menu will be reactivated! - Please move to the menu „factory settings“ (page 8) process saving „setting save“. (activation !) - Alternate: Move to (page 8) „factory settings“, the option: „factory setting.“ |
| the heater goes not up to the shall temperature (water will cool down) | <ul style="list-style-type: none"> - got to the service menu, and press the button factory settings <p style="color: red;">Please note: Before restore to factory setting, please make sure to safe the customer data. (page 8)</p> |
| confused digits on the display | <ul style="list-style-type: none"> - got to the service menu, and press the button factory settings <p style="color: red;">Please note: Before restore to factory setting, please make sure to safe the customer data. (page 8)</p> |