

Activ Aqua Bed

Manual guide



Metrics

Producer

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1. Safety & Warnings

In order to maintain safe use of the appliance, please read the following operating instructions and follow the guidelines contained therein.

1.1 Definitions

Operator – a person who has been trained in the use of the appliance. The operator is responsible for the correct operation of the appliance and for observing the necessary service intervals for individual parts.

User/patient – a person who uses a hydro massage bed. He or she is not responsible for the correct function of the appliance or for its maintenance.

Electrician – a person with the appropriate professional training, knowledge, experience and familiarity with current legislation that enables them to identify and avoid the dangers of working with electricity.

Personnel – a qualified third-party personnel who is trained and authorised by the manufacturer to carry out installation and maintenance work on the specific equipment

Synchronisation – the state of the appliance used to calibrate the appliance's sensors and motors. While in this state, the appliance verifies the correct functioning of the component control systems.

1.2 Transport and installation of the appliance

The appliance can be transported on a recyclable pallet. The appliance is delivered and transported by a qualified technician or by the dealer in your region or country.

The operator is responsible for supplying power to the appliance in accordance with the requirements and regulations applicable to the country or region.

The appliance shall not be installed outdoors. Indoors, the ambient temperature should oscillate between -15 and +60 degrees Celsius.

The tank should be vented during filling or two days after the tank has been filled to its capacity. Remember to open the vent plug the first time you fill the tank with water. Failure to do so may result in damage to the mattress, which will not be covered by the warranty.

If there are any leaks, contact customer support.

2. Description of the appliance

The appliance is used for full-body massage and for massaging specific parts of the body. Its large screen makes it easy and intuitive to select a programme tailored to the client's needs. Each programme allows you to increase or decrease the strength and the speed of the massage. Massage can be given to adults with various body weights.

The appliance features system operation and temperature control of the water used for massage. The water is heated by an efficient heater with a total output of 3 kW and an overheat protection. In addition, the appliance has a bathtub level sensor. When the bathtub is filled, a relevant message is displayed on the touchscreen.

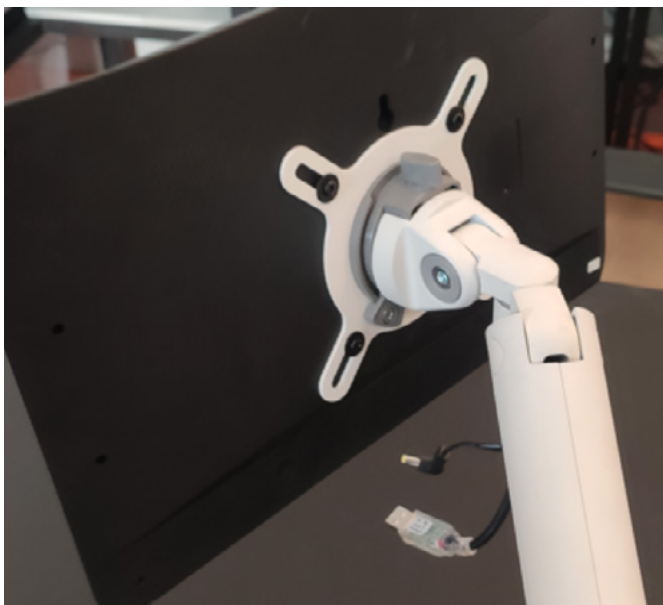
Therapy should be carried out by trained specialised personnel. The product is not intended for home use.

3. Electrical specifications of the appliance

Power supply voltage	230V AC 50Hz
Maximum output	3300 W
Rated current	14 A
Water heater output	3000 W
Water pump output	2600 W
Current drawn by the water pumps	11.7 A
Nozzle travel motor power supply	24 V DC
Nozzle travel motors output	50 W
Nozzle travel motor current	7 A
Securing the installation	RCD 16 Amp type B or C

4. Connecting a touchscreen

To connect the operating screen, unpack the cardboard box containing the screen. Next, mount the screen in the mounting bracket.



Then, turn the locking knob 90 degrees to lock the screen and protect it from damage.



The next step involves connecting the monitor's power supply and the communication port. It's important to connect the communication port to a connector labelled "USB" and not "Serial port". Incorrect connection will result in faulty operation of the appliance.

Once the screen is correctly connected, an application will be launched on the screen and the device will initiate the synchronisation process if it was previously filled with water.

5. Filling the appliance with water and draining it

The appliance is filled via the plumbing system. Filling is achieved with the filling valve. The water level is determined by an inductive sensor mounted on the appliance housing. When the level is suitable, the touchscreen displays a message. This must be approved.

The appliance details are shown below.

Water tank capacity	380 litres
Feed connection	½
Drain connection	½
Line working pressure	1.5 MPa (15 bar)
Bed filling time	40 mins
Bed draining time	2 hours

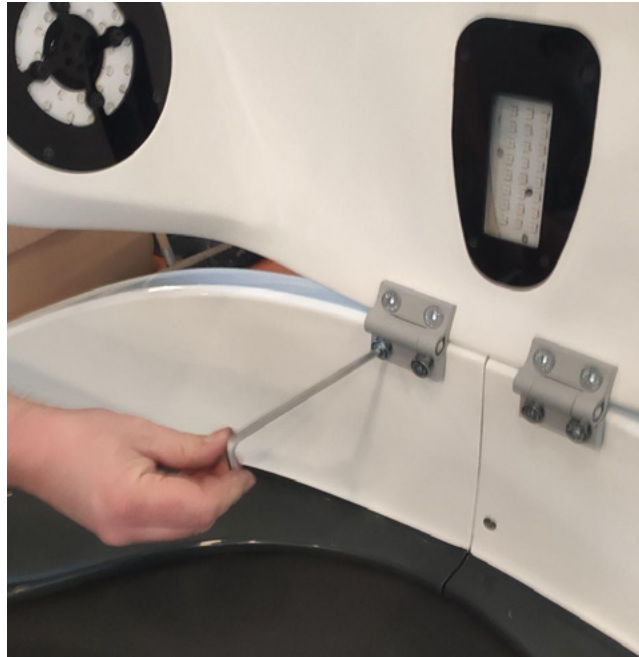
To fill the appliance with water, turn the side pieces of the appliance. There is a ½ filling valve at the top. The connected hose must be of the same diameter as the valve and no section of it should be kinked or bent.

Upon connecting the water hose from the water mains, turn the drain valve from the closed position to the open position.

The procedure for filling the appliance with and draining it is outlined below.

STEP 1

Loosen the oxygen therapy cover. To do this, use an Allen key.

**STEP 2**

Loosen the screws securing the housing to the appliance frame.



STEP 3

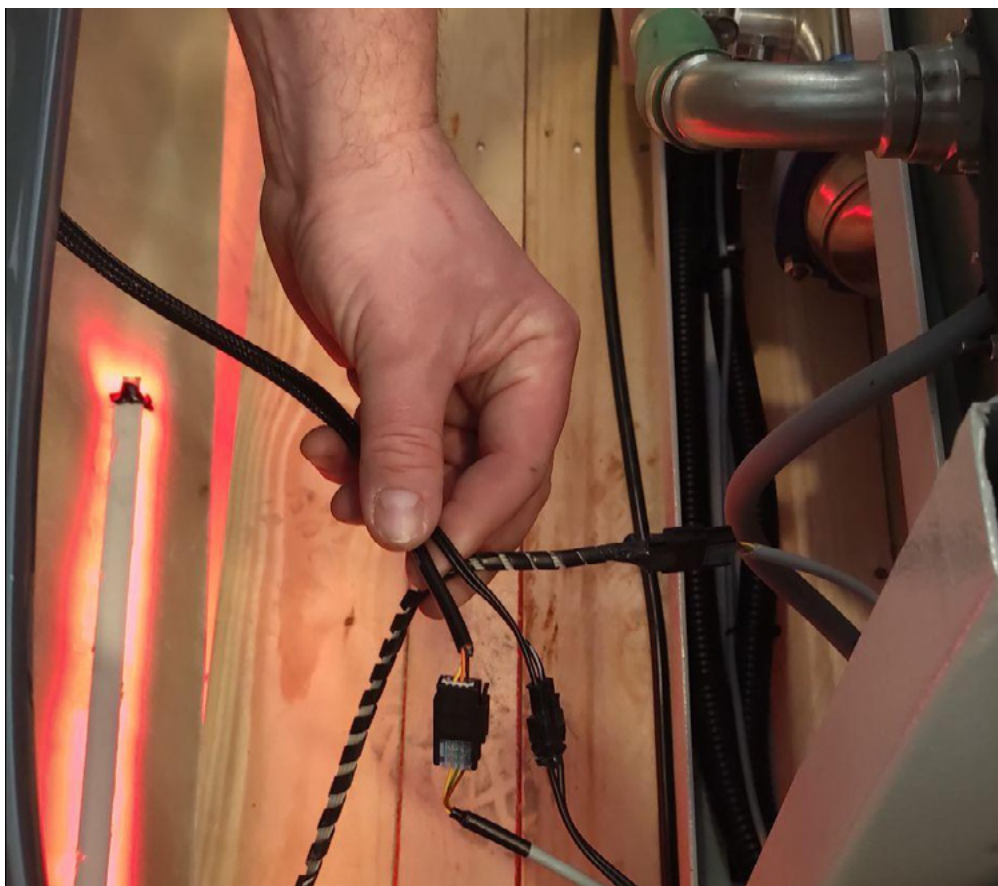
Loosen the fixing screws from the front of the appliance. Use an Allen key.



STEP 4

Carefully lift the appliance housing and pull it away from the frame. Disconnect the LED supply connectors and the communication leads for the touchscreen.





STEP 5

Remove the black cover and turn the vent plug. Once it is loosened, press the valve stem and turn it by 90 degrees in a gentle motion.



STEP 6

Connect the water hose to the drain valve. Make sure that the hose is properly connected and that it is not kinked or kinked anywhere.

Fill the massage bed until the display indicates that the water level is high enough to start the appliance. When the water level is appropriate, the appliance controller will initiate the synchronisation procedure.

**CAUTION**

The water should be changed at least once a month when the appliance is in use. Add glycol or other agents that prevent the build-up of scale and algae, which can damage the appliance, to the water. The use demineralised water is acceptable.

6. Oxygen generator

During massage, the oxygen generator is meant to improve the comfort of the massager and facilitate the recovery of the human body. The generator is a separate appliance supplied with the massage bed. The appliance includes a Bluetooth function so that you can listen to your favourite music during the massage. Furthermore, the generator has LED RGBW lights, which are controlled via the control panel.

6.1 Starting the oxygen generator

Before starting the oxygen generator, check that the fuse is in the on position, i.e. the switch is in the down position. As shown in the picture below.



Then plug the power plug into the power outlet. Make sure that the cord is not twisted and that it is not damaged, which could lead to electric shock.

In the last step, switch the main power switch to position "1", as shown in the photo above. The device will start up and a welcome message will be played. The generator is ready for operation.

In order for the generator to start working, press the "Done" button on the touch screen. Other options are not available in this hydromassage version.

6.2 Connecting the oxygen generator to the hydromassage

The generator should be connected to a 230 V AC power supply to any power socket. The cable coming from the top cover should be connected to the socket on the back of the generator. Note the positioning pin so that it is in the position shown in the picture below. Then push the connector all the way in.



6.3 Connecting with Bluetooth

The generator can be connected to a phone via Bluetooth so that you can listen to music during the massage. To do this, launch Bluetooth on your phone, then search for the appliance and pair it with your phone. The icon on the generator's dashboard will flash. Once the phone is connected, the LED will light up solid. This means that the phone is connected and ready for use.



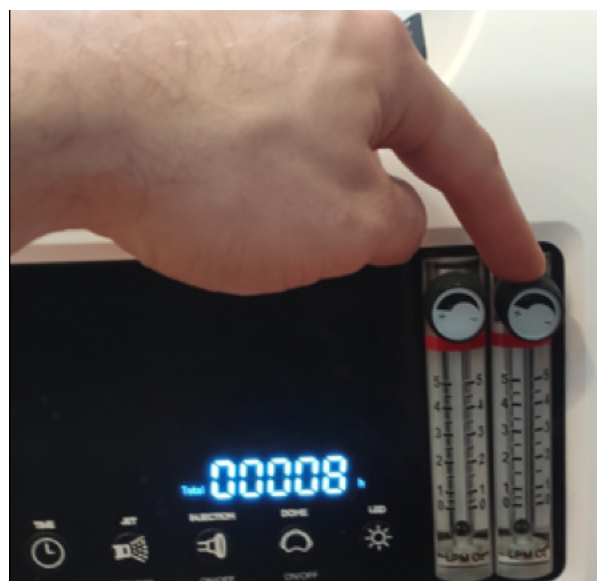
6.4 Controlling the LED light

The generator has the LED light function, which can be operated with a button on the dashboard. To change the colour of the light, press the button on the dashboard. Each press of the button will change the colour. To turn off the LED light, press the button until the LED switches off.



6.5 Adjusting the oxygen delivery rate

Blowing power is adjusted by turning the right-hand dial. Turning it to the left will increase the flow of oxygen, while turning it to the right will decrease the flow.



6.6 Setting the time

It is possible to set the generator's running time. The appliance's running time can be changed by pressing the key with the clock symbol on the dashboard.



7. Description of the interface

7.1 Launching the appliance

The appliances must be connected to a power source with a power cable at 230 V AC. Once the appliance is filled with water and connected to the power supply, the so-called base positioning of the appliance takes place. Once base positioning is complete, the appliance is ready for use.

Next, check that the touchscreen communicates with the central controller. Pay attention to the water temperature and the icon indicating the suitable water level in the appliance. Temperature and water level icons are shown in the picture below. If they are displayed and the water level can be seen (after having filled the appliance), this means that communication is present.



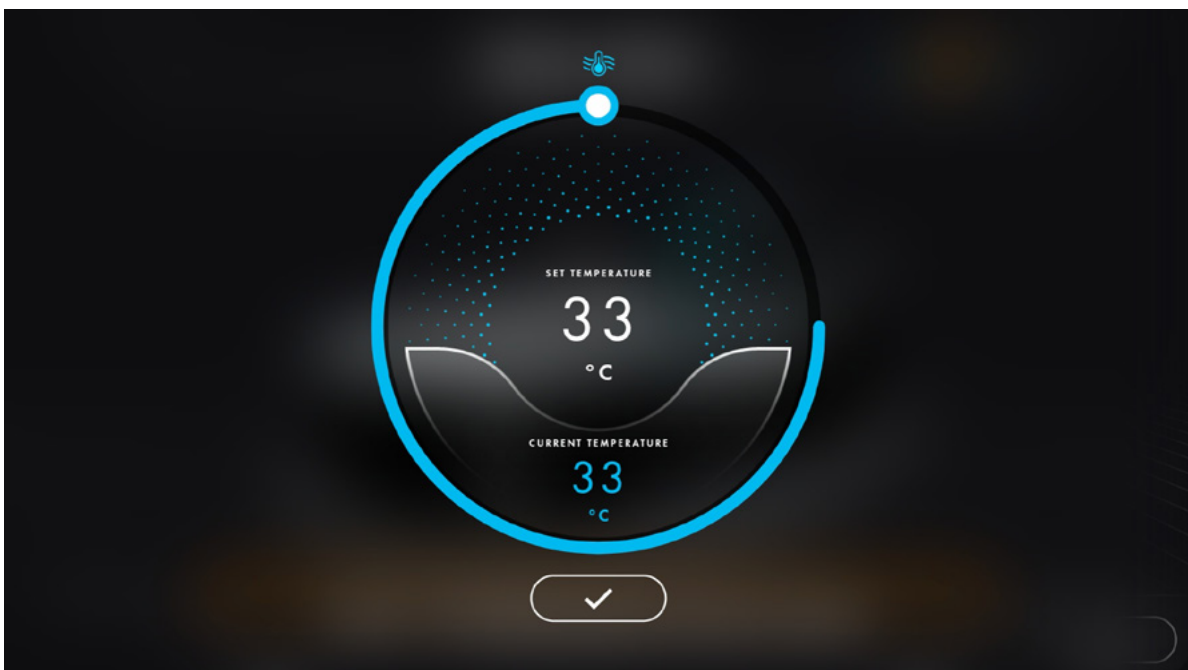
7.2 Switching the water heating on and off

The appliance is fitted with a heater for heating water. Water can be heated up to 36 degrees. The heater is protected from damage by a temperature transducer. You can switch the water heating on and off by pressing the corresponding icon on the control screen. When the heater is switched on, the icon will light up. During any of the massage programmes, the appliance heater is switched off to reduce power consumption. Moreover, the heater will not be switched on when the water level is insufficient. Heating the water to 25 degrees takes two hours.



7.3 Setting water temperature

The temperature of the water used for hydromassage treatments can be adjusted in the range of 24 to 36 degrees. To set the temperature, turn the dial with your finger to the desired temperature and then confirm. The temperature is adjusted automatically by the controller. When the massage programme is under way, the temperature is not controlled nor is the water heated.



7.4 Selecting a programme

You can select a programme by pressing the “next” key on the touchscreen. Next, select the height of the person receiving the massage treatment. The height can be specified from 120 cm to 200 cm.



To select the desired parameter, swipe the range on the touch screen left or right. Swiping will change the parameter settings.

7.4.1 Setting patient height



Once the height of the person has been adjusted, press the “next” button to go to the next screen. Selecting the proper height causes the programme to adapt to the person and change the appliance’s operating range to make the massage as effective as possible.

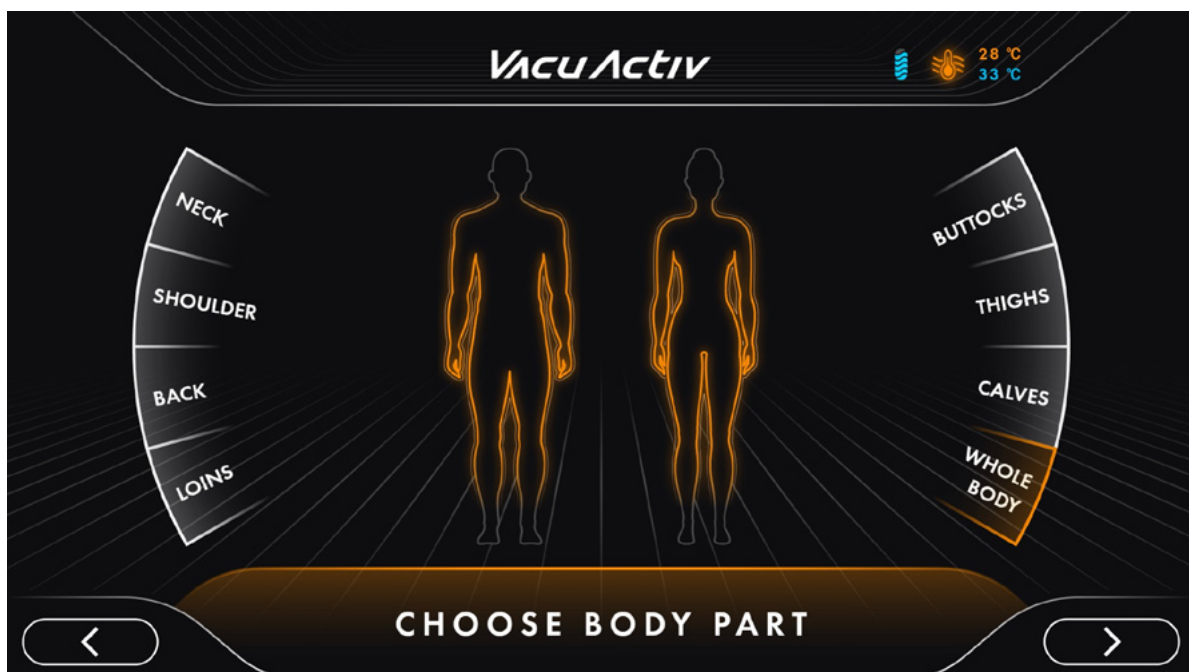
7.4.2 Massage types

Besides height, you must select the type of massage visible on the touchscreen. There are four massage modes to choose from: simple, narrow diagonal, rotary, wide diagonal. Each mode allows you to set the speed of the massage jets and the massage power. Massage should be coordinated with a qualified professional so that it can be as effective as possible and does not cause patients any pain.



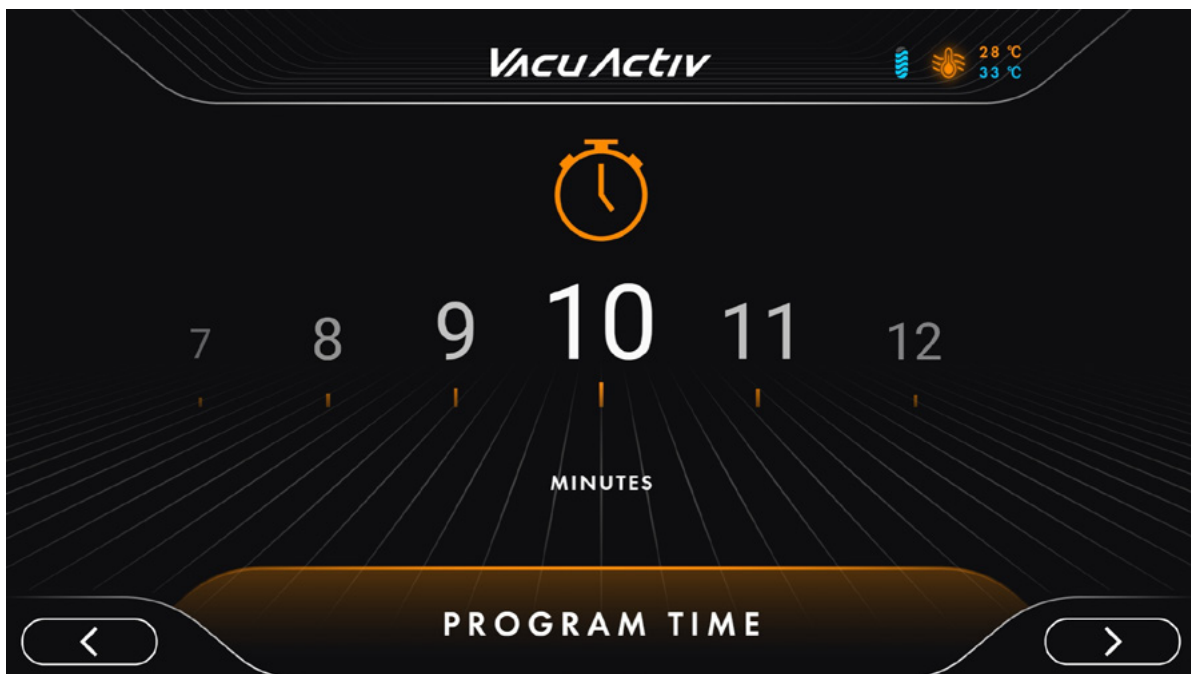
7.4.3 Selecting body parts

Once the type of massage has been chosen, then you should select the body part to be massaged. There are as many as 8 massage modes to choose from. With previously specified body length, the appliance can adjust the massage programme to precisely target the desired area. You can make your selection by pressing the relevant box with the name of the body part in question. This section allows you to go back to the previous screen to select the type of massage or to move on to specify the massage duration.



7.4.4 Setting the appliance's runtime

The massage duration depends on the preference of the patient or the staff operating the appliance. The massage duration can be changed by swiping the parameter range on the touchscreen. You can adjust the duration between one minute and thirty minutes. To return to the previous screen, press the "back" button located on the left-hand side of the screen, in the bottom left corner, or you can proceed to the dialogue box in the app to begin training.



7.4.5 Starting a programme

Initially, the programme starts with the appliance waiting to be synchronised. Synchronisation takes place whenever the appliance is turned on, but the programme additionally checks whether the appliance is ready to commence training.



When the synchronisation is confirmed, a “Start” button will appear in the middle of the screen. As shown in the picture below.



Upon pressing the start button, the appliance starts the massage in accordance with the selected massage mode and type. First, there is the position run, depending on the selected body part. The next stage involves launching the programme. The pumps with water jets are put into operation.

Do not move or shift on the mattress during your training, as this may damage the appliance

To stop the massage, press and hold the “STOP” button for 3 seconds. The appliance will stop operation. Then, the jets will be moved to the initial position. The display will return to home screen.

7.4.6 Pausing the program

You can use the "PAUSE" button at any time during a programme. The appliance will stop at this particular moment of the massage.



To resume the massage, press the "PAUSE" button again. The appliance will commence operation from the moment it was paused.

Notes

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