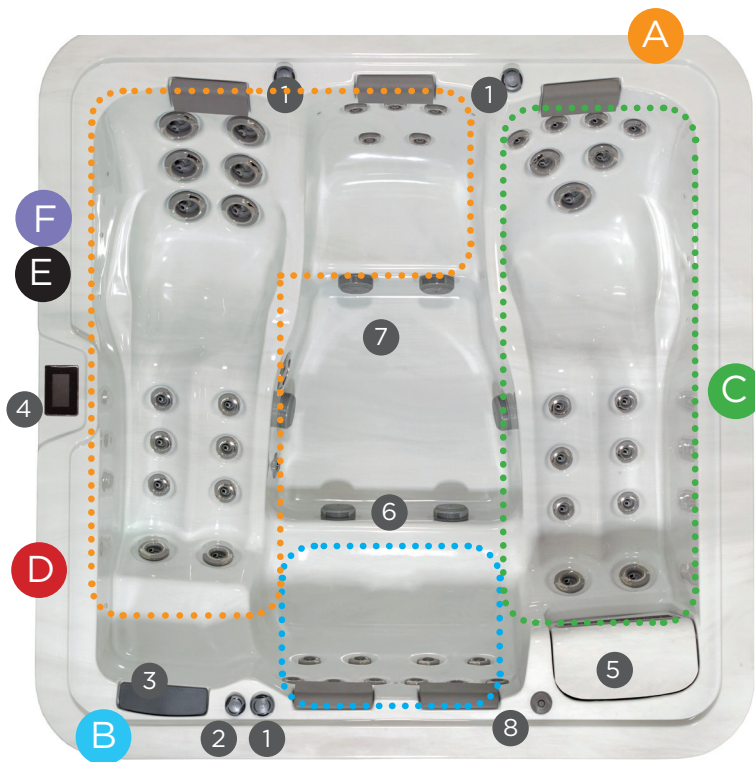


PRODUCT SPECIFICATION

VISKAN ÄNGSÖ



EQUIPMENT

- 1. Air control
- 2. Waterfall slider (on/off)
- 3. Waterfall
- 4. Control panel
- 5. Filter
- 6. Jets for circulation
- 7. Inlet to massage pump
- 8. Aromatherapy

PUMPS:

- A - Dual Speed-pump (Pump 1)
- B - Massage pump (Pump 2)
- C - Flexi pump (Pump 3)
- D - Cirkulations pump

OTHER:

- E - Electrical box
- F - UV-C System

NUMBER OF SEATS:



TYPE OF SEATS:



TYPE OF MASSAGE JETS:

-  Fixed, directional, single-point massage
-  Pummeling massage
-  Pulsating massage

VISKAN ÄNGSÖ FACTS

Size	230x230 cm
Height	95 cm
Weight empty/filled	439/2154 kg
Water volume	1715 L
Cool off seat/child seat	Yes
Lighting	Yes
Water-level lighting	Yes
Illuminated waterfall	Yes
Neck pillows	5 pcs
Pump 1	3hp, 2200W Dual Speed pump
Pump 2	2hp, 1500W
Pump 3	2hp, 1500W
Separate circulation pump	Yes
Titanium heater	3,8 kW
UV-C cleaning system	Yes
Aromatherapy	Yes
Stainless steel jets	Yes
Massage jets	44 pcs
Particle filters	2 pcs
Sound block system	Yes
Electrical connection	3N- 400V 3x16A 50Hz 9140W



FUNCTIONS

MASSAGEPUMPS

- A. Dual speed pump (pump 1)** -This massage pump has two speeds. By pressing the pump 1 button on the control panel, the pump is started in the low position. One more pressure and the pump changes to high / powerful position. At the third push of a button, the pump is switched off.
- B. Massagepump (pump 2)** - This massage pump has a speed. Pressing the pump button starts the pump and a second pressure shuts off the pump.
- C. Flexipump (pump 3)** - this massage pump has three different levels of massage pressure and a fourth mode where the pump automatically switches between these modes. A pressure on the pump starts the pump at the lowest position. To change the mode, you need to press the pump 3 button once. The pump will then turn off. Press again and mode No. 2, intermediate strength, started. Similarly, you switch to mode 3, which is the highest strength and in the same way through to press the pump 3 button twice more, switch to automatic mode.

OTHER

- E. Electrical box** - Here you connect the electricity to the spa bath and in this unit is the bath's control system.
- F. UV-C System** - Water purification system with UV-C technology.

OTHER FUNCTIONS



1. Air control
With this control you change the air mixture in the massage jet. The more air, the more powerful the massage.



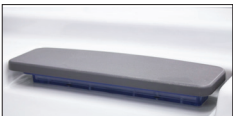
6. Jets for circulation - Here the water returns into the spa again after going through the filters, the circulation pump, heater, and UV-C system. This water may be slightly warmer than other water in the spa if the heater is running.



2. Waterfall slider
The waterfall runs with the circulation pump, which means that you do not need to have a massage pump to activate this. You can also turn off the waterfall completely, if desired, through this slider. You control the flow in the waterfall by turning the knob clockwise or counterclockwise.



7. Suction for the massage pumps - Here the water is suctioned into the massage pumps. These are powerful and can cause a significant suction; please use caution. Be careful with hair or loose objects that can lead to drowning.



3. Waterfall
Atmospheric waterfall that gives a rippling calm sound.



8. Aromatherapy
Unscrew the cap (the gray flat part) and fill up with aroma therapy oil for hot tub use. Screw the cover back. When aromatherapy is desired, simply press the button. A button press gives a "puff" of essence out into the water out of the jets for aromatherapy.



4. Control Panel
Here you control pumps, heaters and lighting etc. See more specifically about how to set up your bath in the sections on the control panel. To activate the control panel, press anywhere on the display .



Button on the outside of the panel.
Turns LED lighting on and off to the panel.



5. Filter - Here is the filter that picks up dirt particles from the water is located. Insert the filter during the first use of the spa. Unscrew the filter and clean them about every two weeks.

ELECTRICAL INSTALLATION

Our hot tubs are built according to the regulations set by the Swedish Electrical Safety Agency and it is therefore a lot it is important that the following instructions are followed a lot carefully.

The electrical installation must be carried out by a qualified electrician. This must be proven by the owner of the hot tub. The electrical connection must be made via a fixed connection and preceded by a separate earth fault circuit breaker to the hot tub. We also recommend a safety switch adjacent to the bath.

Install your hot tub at least 2 meters from all live materials. Alternatively, all live materials should be sealed in such a way that they do not carry current, as well as each part is provided with a grounding cable and thereafter a proper grounding. This must be done by a qualified electrician.

Do not use any electrical equipment on or in the hot tub, as this can result in very serious injuries or deaths.

You have to drill a hole in the base plate yourself to pull the electrical cable to the hot tub's electrical box. Our recommendation is to drill a hole in the edge of one of the corners or in the grooves on the base plate.

TO ACCESS THE HOT TUBS ELECTRICAL BOX, PROCEED AS FOLLOWS:

1. Remove the outer panel located under the control panel by lifting the panel from the bottom until you can pull it out slightly, then pull down until it releases from the bracket above (see last page). Then remove the insulation boards.
2. Locate the electrical box and unscrew the screws that are on the box cover.
3. Route the incoming power cable through the panel / base plate and up to the electrical box.

The connection must be made according to the schematic picture found inside the box. **NOTE!** If the connection is not made as shown, all the hot tub's functions will not work and the equipment may take damage. **The control box is already pre-assembled and has the correct dip switches set at the factory.**

NOTE! Be sure to check that the earth and zero (N) are in the correct place, and that all cables are correctly mounted. All 5 conductors must be inserted into the electrical box via the strain relief and all conductors except the earth cable must be connected to the internal terminal block. The earth cable must be routed through a finished hole on the left side of the electrical box and connected to the external earth terminal.

Replace the electrical box cover with a screw, push the insulating boards between the bolts and put the outer panel back in place. Do not turn on the electricity or start the hot tub before it is filled with water.

- Connection cable minimum 2,5mm².
- Volt: 220-240V.
- Max wattage effect: 9140W.
- 3N~400V 50 Hz 3x16 amp.
- 3 x 16 ampere (3 phases, 1 neutral and 1 ground cable).
- Ground cable **MUST** be connected to the grounding terminal of the electrical box, see the left edge of the box.
- The connection must also include a neutral cable (N), which must go to a neutral voltage of 230 VAC.

MOUNTING ON AND OFF THE ALUMI-PANEL.

MOUNTING OFF



1. Remove the outer panel located under the control panel by lifting the panel from the bottom. until you can pull it out slightly.



2. Pull it out slightly until the panel drop, then pull down until it releases from the bracket above.

MOUNTING ON



1. Push the panel upwards and insert the grooves on the bottom edge of the panel into the grooves placed at the bottom.



2. Let the panel fall in place.



3. Adjust the panel sideways so that there is a distance equal to 2 cm on each side of the panel side.