

HYDROTHERMAL TUB

Mod. VT16



Temporary use medical device designed to perform baths with thermal waters in non-potentially dangerous forms, intended for use in wellness centers and spas. VT16 is an electro-medical device for treatments of simple bath, bubbling bath (even with added ozone), hydromassage and chromotherapy.

- **Simple Bath**
- **Bubbling Bath**
- **Bubbling bath with ozone addition**
- **Hydromassage bath with ozone addition**
- **Chromotherapy**

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The bathtub is installed either permanently against a wall (right- or left-hand bathtub) or freestanding in the center of a room in areas specifically designated for this purpose, and is controlled by an electronic control board. The user interface consists of a simple and intuitive control panel located on the edge of the bathtub, featuring 6 buttons and 1 display.

The dimensions of the assembled bathtub are 1815 × 865 × 680 mm, and its water capacity is 270 liters (without a user). The bathtub body is made of ABS+PMMA reinforced with fiberglass, and all components are designed to withstand thermal waters.

The air/water delivery nozzles used to perform the various treatments are mounted on the shell. The bathtub is designed to be as ergonomic and safe as possible for the patient; it includes a headrest, a foot support bar, and two side grab handles to help the patient sit down and stand up. A step can also be supplied upon request. The inner shape of the bathtub is designed to treat different areas of the body: the back and neck; thighs; calves; knees and thighs; and the soles of the feet. The pelvis is positioned at a lower level than the legs to improve oxygenation.

During configuration, it is possible to select one of the following treatment durations: 10, 15, 20, or 25 minutes.

Filling and Draining System

The filling and draining system can be manual, automatic, or combined. In automatic mode, the bathtub is equipped with solenoid valves operated by the buttons on the control panel. In manual filling mode, external faucets, provided and installed by the customer for connection, are used. In manual draining mode, a control knob is located on the edge of the bathtub. The bathtub is equipped with an overflow safety system, as well as water level and water temperature sensors.



AVAILABLE TREATMENTS

Simple Bath

The simple bath is one of the most widely used methods of applying thermal water. The beneficial effects of a thermal bath are numerous and result from the heat, the pressure of the water on all immersed parts of the body, as well as its moisturizing and cleansing action. It is a therapy in which the patient immerses themselves in a bathtub, generally with water at a temperature between 36 and 38°C; the bath lasts approximately 15 minutes. The therapeutic effects of the bath depend on the type of thermal water used and its chemical composition.

Whirlpool Air Bath

The treatment consists of jets of air introduced into a bathtub filled with thermal water through 24 nozzles located on the bottom of the tub. Its main feature is the gentle delivery and the pleasant massaging effect produced on contact with the body. The compressed air may be supplied either by actuators inside the tub (blower or turbine) or by a centralized system.

Hydromassage

This treatment combines the benefits of hydrotherapy with those of massage therapy. It is operated by an electric pump inside the bathtub and PVC piping connected to 8 outlet nozzles, where air and water are mixed to create the massaging jets. The outlet nozzles are adjustable to direct the massage action, and the jet pressure can be regulated using four air controls located on the edge of the tub. An automatic disinfection kit can also be used with the hydromassage system

OPTIONAL

Custom step

For medical environments and wellness centers, non-slip and equipped with perimeter edge protection.

Automatic disinfection kit

Sanitization and cleaning unit using disinfectant, complete with control system. Disinfectant injection solenoid valve for the tub, plus a reservoir for holding the disinfectant product.

Ozone therapy

The bubble bath and whirlpool can be enriched with ozone, which is generated by a dedicated device and introduced into the tub through the same bubble bath jets and/or whirlpool nozzles via the Venturi effect. The massage effect on the skin is produced by continuously renewed ozonized air bubbles.

Chromotherapy

Inside the tub there are 2 RGB spotlights that can be activated together with any of the treatments described above. Using the dedicated button, it is possible to choose from 8 individual colors (white, red, yellow, orange, green, light blue, blue, or fuchsia) or from 3 color cycles (ENERGY, RELAX, or TONIC).

External hand shower kit

Hand shower with holder mounted on the tub edge and a control tap for operation.

Mixer tap kit

For manual filling from the tub edge, a mixer tap can be requested, which is operated by the user to allow water into the tub.

VARIANTS AND INSTALLATION

The hydrotherapy tub can be supplied with different configurations, according to the various needs of the clients, summarized in the following table.

	6-SGI	6-SG	6-SI	6-SGI/Sm	6 SGI/Cm	6-SG/Sm	6-SG/Cm	6-SI/Sm	6-SI/Cm
Filling	A	A	A	A	M	A	M	A	M
Drainage	A	A	A	M	A	M	A	M	A
Bubbling Bath	X	X		X	X	X	X		
Hydromassage	X	X	X	X	X			X	X
Disinfection	○		○	○	○			○	○
Mixer					○		○		○
Simple Bath					M				
Ozonotherapy					A				
Cromotherapy									
Step					X				
Hand shower					○				

Legend:

M Manual | A Automatic | ○ Optional | - Not Applicable | X Standard

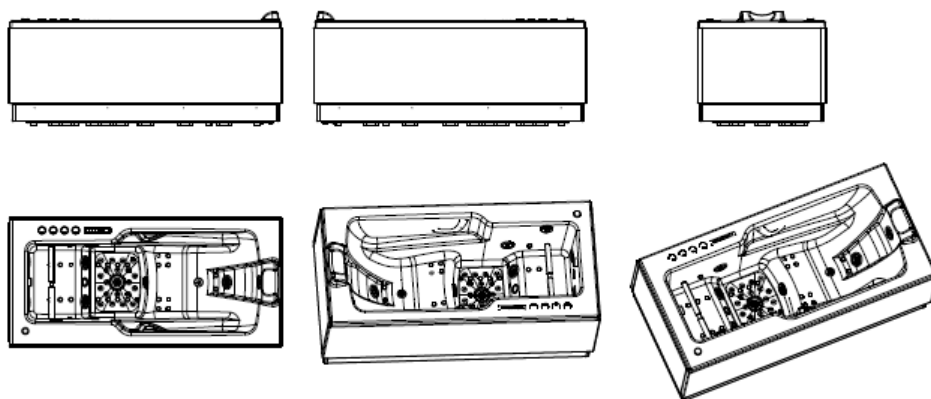


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TECHNICAL DATA

Power supply:	220-240 Vac – 50/60Hz
Operating mode:	continuous
Safety class:	I type BF
Maximum power:	1650W
Dimensions:	1815 x 865 x 680 mm
Protection rating:	IP45
Tub weight:	approx. 85 kg (without user)
Maximum patient weight:	150 kg
Maximum capability:	270 liters (without user)
Maximum flow rates:	295 l/min
Air flow (bubble bath) with turbine:	90 m ³ /h
Air flow (bubble bath) with blower:	adjustable (33-43-55 m ³ /h)
Ozone flow:	90 mg/h



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