Bathtub for balneological baths BALMED

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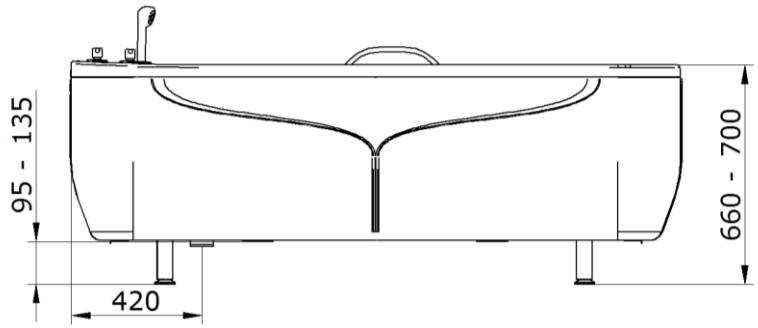

Figure 1 - Bathtub BALMED ECO and STANDARD 300 l (dimensions in mm)

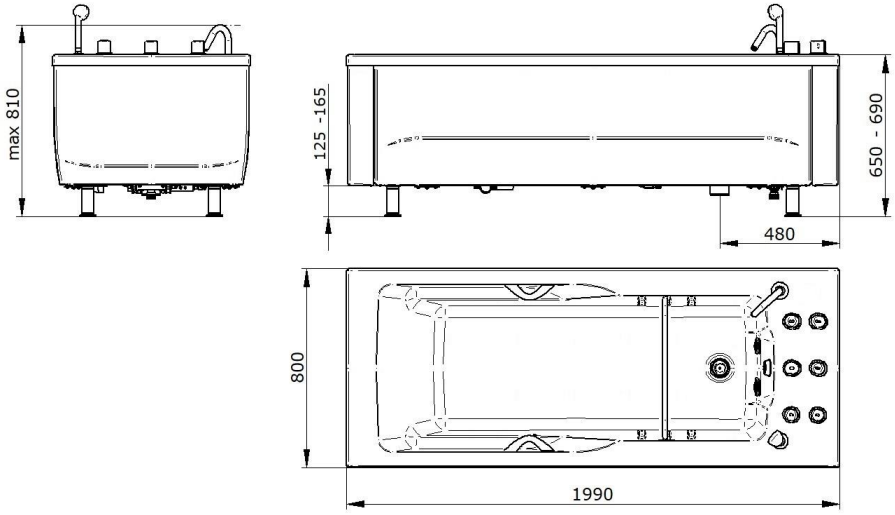

Figure 2 - Bathtub BALMED STANDARD 270 l (dimensions in mm)

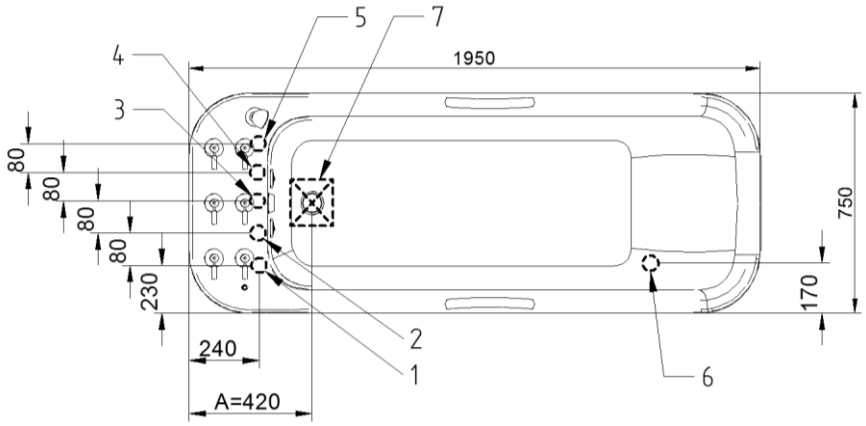

Figure 3 - Installation diagram of bathtub (dimension in mm)

The dimension A=420 mm ensures that the drain is placed directly under the drain hole of the basin

In the place where the bathtub is installed, it should be led out of the floor to a maximum height of 150 mm:

1 – hot brine connection, terminated with a check valve with a G3/4" nipple;

2 – cold brine connection, terminated with a check valve with a G3/4'' nipple;

3 – CO_2 saturated water connection, terminated with a check valve with a G3/4'' nipple;

4 – cold water connection, terminated with a check valve with a G3/4'' nipple;

5 – hot water connection, terminated with a check valve with a G3/4'' nipple;

6 – power supply connection 230V~50Hz – look at section „Connecting to 230V ~ 50Hz mains electricity" below;

7 – drain tube of a diameter not less than DN100 (it is recommended to use a floor drain grate with an air trap and a drain tube of min. 100 mm in diameter, ensuring the minimum flow rate of 3.5 l/s).

Recommendations:

Install easily accessible valves (e.g. on the wall) in the room to shut off the medium supply to the device, so that personnel can quickly access the shut-off valves in the event of installation failure or uncontrolled water leakage from the device installation.

WARNING! The rooms in which balneological treatments are carried out should be equipped with bottom gas overflows and in mechanical supply and exhaust ventilation with bottom exhaust to ensure increased air exchange exceeding two times per hour.

Connecting to 230V ~ 50Hz mains electricity

The power circuit must be allocated only to power this device (it must not power any other devices) and must include:

- residual current device (RCD) with a rated tripping current not exceeding 30 mA
- an overcurrent circuit breaker 6 A with a type C characteristic curve;
- all-pole disconnect switch with a minimum contact gap of 3mm, placed in the room where the appliance is operated, at a location allowing easy and fast access for personnel in the case of an emergency. If the switch is not visible from the position of normal use by the operator or service personnel, additional means must be provided to lock in the off position.
- cross-section of power supply cable 3x1,5 mm^2.

The enclosure of mains terminal device is equipped with a cable gland ensuring tight clamping on a round cable with a diameter of a 6-10 mm. When using a cable of different size, appropriate technical measures must be taken to ensure that the mains terminal device is protected against water ingress to a minimum of IPX5.

The electrical installation to which the device is connected must conform to the applicable legal regulations (e. g. EN 60364-7-710).

Bathtub for balneological baths BALMED with pearl massage (AIR option) and/or with light effects (CHROMO option) must be connected to the electrical installation permanently.

The connection of the BALMED bathtub electrical system (option: AIR, CHROMO) to the 230V ~ 50Hz mains supply should be made by an authorized electrician. One of the warranty conditions is to confirm the correctness of the bathtub's electrical connection by a person with electrical qualifications in this regard.

Connecting to the water supply and drainage system

Recommendations: internal diameter of media supply system min DN 20 without reductions, max. 6 bar, max. 60°C.

For sanitary reasons it is not allowed to install a permanent (closed) connection between the tub drain and a drain system of the building.

After placing the bathtub in the designated place, it should be leveled by means of the four adjustable legs (each adjustment requires a safety lock and after the adjustment - a lock nut).
To connect the bathtub to the water supply system, connect the hoses - according to the labels on them - to the outgoing connections in the floor. After checking the correct connection of the hydraulic hoses and the tightness of the connections, the installation is complete.