
Installation Instructions



SPA BROADWAY COMPACT



CONTENTS

GENERAL SPECIFICATIONS	3
1. RECEIVING THE EQUIPMENT	4
2. PREPARING THE PLACE FOR THE INSTALLATION	4
3. POSITIONING THE SPA	4
4. ELECTRICAL CONNECTIONS	4
4.1. GROUNDING CABLE CONNECTION.....	5
4.2. MAINS CONNECTION	5
5. HYDRAULIC CONNECTION	5
6. FILLING AND EMPTYING THE SPA	5
7. VENTILATION	6

CONGRATULATIONS AND THANK YOU FOR PURCHASING THIS ROCA PRODUCT

This spa has been designed, manufactured and checked by our technical staff. It must be fitted in compliance with the regulations in force, and the corresponding instructions should be followed.

BREACH OF THIS CONDITION RENDERS THE PRODUCT WARRANTY NULL AND VOID.

This spa has been designed for private use.

GENERAL SPECIFICATIONS

AIR MASSAGE:

- axial blower with air heater 1,1 kW (0,8 kW blower and 0,3 kW air heater).
- 38 bottom holes.

WATER MASSAGE:

- 1,8 kW hydromassage pump.
- Jets:
 - fixed mini jets (A) - 25 pcs.
 - large rotary jets (B) - 2 pcs.
 - large fixed jets (C) - 2 pcs.
 - large fixed jets (D) - 2 pcs.
 - fixed mini ozone jet (E) - 1 pcs.
 - 3/4" black tub drain (F) - 1 pcs.
 - 2 air regulators:

DISINFECTION:

- 1 ozone generator (10 W),
- UV lamp (optional) – no ozone jet.

FILTERING AND HEATING:

- Filter cartridge.

WATER HEATING ELEMENT:

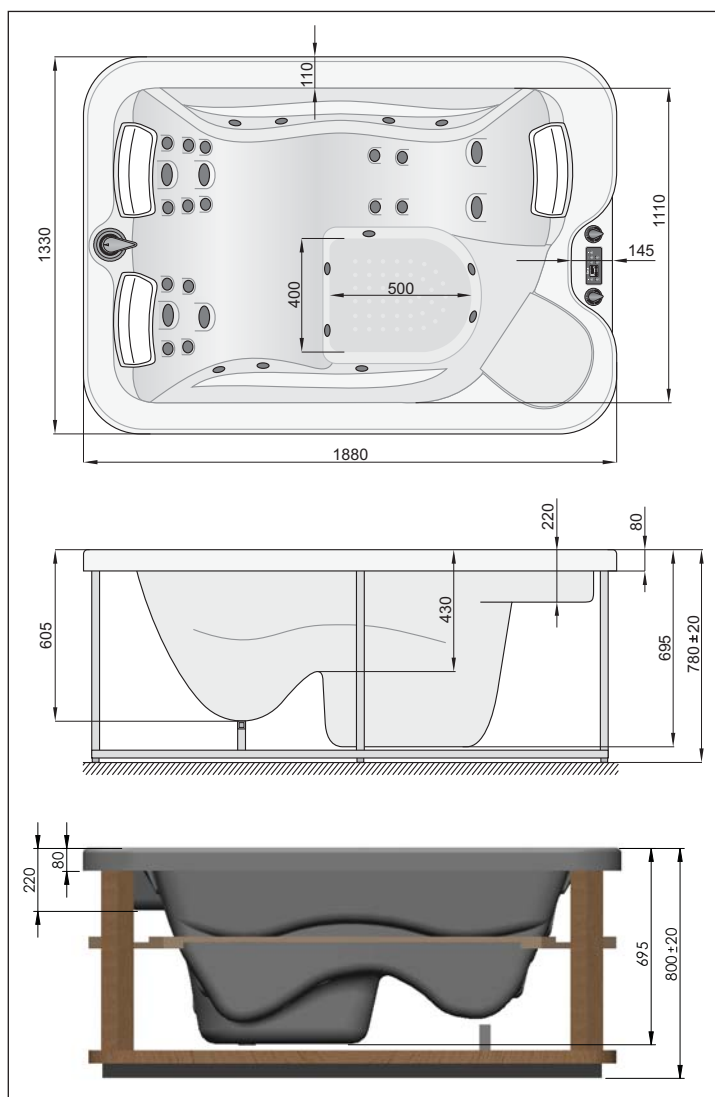
- 3 kW electric heater.

SPECIFICATIONS:

- Capacity - 580 litres.
- Dimensions -1880/1330/750 mm.
- Weight - 150 kg (without water).
- No. of people -2-3.
- Power consumption:
 - 5,9 kW (24 A) - version 230V AC 50Hz,

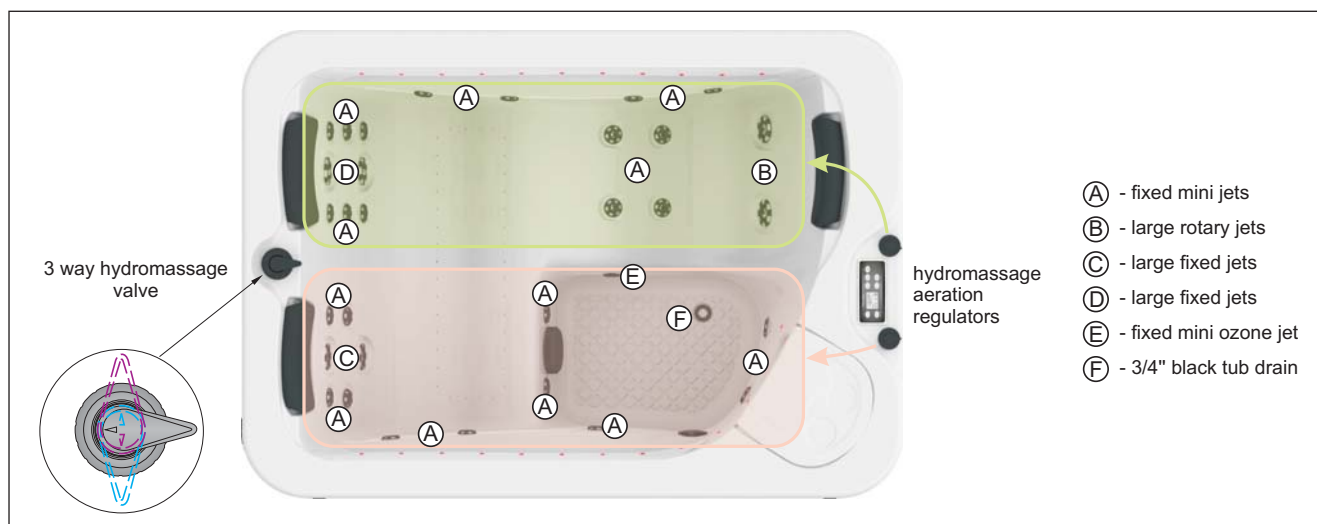
- white underwater LED light,
- multi-color light (optional),
- LED spotlight – 24 points (optional),

- 3 polyurethane cushions (gray in a standard option),
- wooden panel in mahogany or pine colour (optional),
- plastic panel in gray, mahogany or pine (optional),
- wooden stairs in mahogany or pine colour (optional),
- thermal cover (optional),



Material and construction:

Acrylic strengthened by laminated polyester on an aluminum frame. SPAs with panels are installed on wooden frame only.



1. RECEIVING THE EQUIPMENT

The spa should reach its destination in its original packaging. Once the packaging has been removed, check the spa fully before it is installed and report any anomaly.

Do not lift the spa using the filter equipment or the pipes.

Do not stand the spa on its edge. Always stand it on its legs.

During the installation, check that the interior of the spa is protected by the covering included with the equipment.

The electrical installation and pipe connections must be carried out by authorised installers.

2. PREPARING THE PLACE FOR THE INSTALLATION

The Broadway Compact SPA can function indoors and outdoors. It must be installed on a firm base to prevent it from sinking.

When choosing the location for the spa, a series of requirements must be taken into account:

- If you have decided to install the spa indoors, bear in mind the thoroughfares required for transporting it to its final location.

- 230V electrical supply and ensured efficiency of the electrical connection in respect of the equipment the rated power consumption is 5,9 kW and requires use of a 3x4 mm² electrical cable as the connection – with regard to the safety of the users, in all cases the supply cable must be protected by means of a differential-current switch with the standard rated switch off current of 30 mA).

- An earth connection compliant with current legislation is essential.

- Access to interior components through the side panels for post-installation maintenance.

- You must also bear in mind how you are going to fill and empty the spa. The floor must be level.

- There must be adequate ventilation in closed interior locations.

- You must bear in mind the materials used on the wall and ceilings, since the humidity generated by the spa requires steam-resistant materials.

- Due to unavoidable splashing, the floor must be highly-resistant to water, such as tiles or plastic coverings. If carpets are used, they must be treated to avoid bacteria from damp. Use special sailing carpets or rugs. Parquet or wooden floors are not advisable unless they have been duly treated for this kind of use, such as wood for gardens or outdoor buildings. In any case, make sure that the floor has a gradient of 2% towards a drain installed in the room.

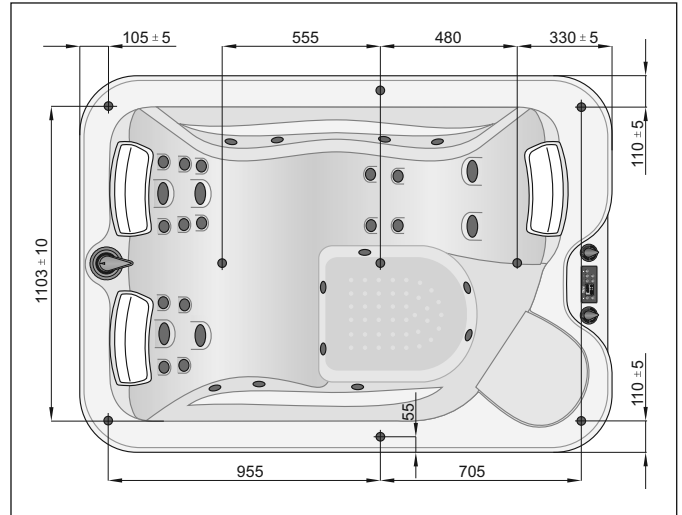
3. POSITIONING THE SPA

- When installing the spa in a corner or next to a side wall, remember to leave 0,5 metres or connection or installation work or fit trap doors with a minimum size of 1700x700 mm for accessing all the sides for

post-installation maintenance.

The floor should be very well leveled. All the bath legs should be on a solid and hard surface. The total weight of the bath with water is about 750 kg. The weight of the bath should be equally spread over the 9 bath legs. The figure below shows the points of support.

- This spa cannot be embedded. Do not obstruct access to the side panels.




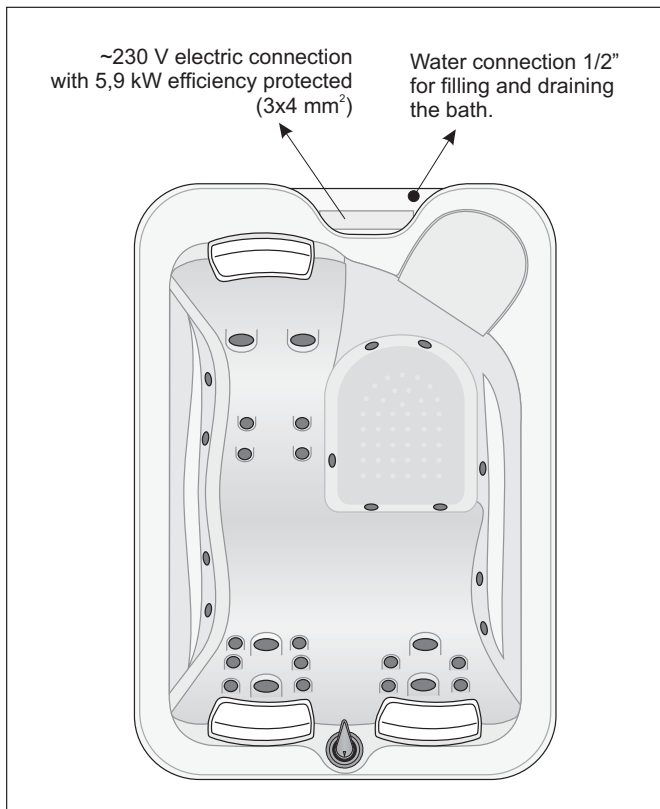
4. ELECTRICAL CONNECTIONS

The Broadway Compact SPA tub requires at most ca. 5,9 kW of power. The minimum cross-section of the cord should be at least 3x4 mm². In the case of tubs installed outdoors, a cord with insulation resistant to deterioration caused by weather conditions is required. Protect the cord against mechanical damage. If the insulation or cord is damaged, always replace it due to the risk of electric shock.

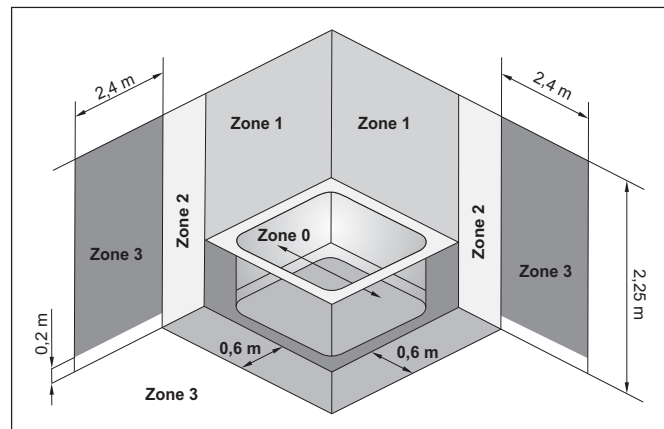
For 3x4 mm² cords, protect the tub's power cord with a C-type residual current device and a trigger current of 32 A. For safety reasons, always connect the tub's power cord to the mains using an electrical connection protected by a residual current device with a rated cut-off current of 30 mA. It is recommended to check the residual current device periodically, according to the guidelines for testing and resetting such devices.

The SPA tub should be connected to the building's electrical wiring permanently. The electrical wiring should be equipped with the appropriate manual cut-off mechanism, enabling the opening of contacts on each power supply pole. In addition, equipotential

bondings must be made using the clamp  located on the tub support frame. The minimum cross-section of the equalizer power cord is 4 mm².



Zone 1 is the zone 0 area plus the space up to 2,25 m above the floor.
 Zone 2 is the zone 1 area extended by 0,6 m, again up to 2,25 m above the floor.
 Zone 3 is the area reaching 2,4 m beyond zone 2, up to 2,25 m above the floor.



All electrical connections should be made by a qualified electrician.



For safety reasons, check the effectiveness of the anti-electric shock protection from time to time by pressing the TEST button on the residual current device. If the power is not turned off immediately after pressing the button, unplug the tub manually and contact a qualified specialist. Do not use the SPA tub if the protections do not function properly.

To prevent activation of the bath without water, switch off the electrical power by pressing the test button on the differential-current switch.

4.1. GROUNDING CABLE CONNECTION

In order for the residual current device and the tub it self to function properly, a grounding cable with a cross-section of at least 2,5 mm² must be installed. Connect the cable to the frame, as illustrated. Connect the other end of the cable to the protective grounding of the building's electrical wiring.



4.2. MAINS CONNECTION

As the bathtub is protection class I equipment it has to be permanently connected to power supply (TN-S type) using IP X5 junction box. It is recommended to install the connection box in area I (under the bathtub) close to other electrical devices of the bathtub (more than 20 cm above the floor).

The bathtub must never be connected using a plug.

Zone 0 is the area inside the bath.

5. HYDRAULIC CONNECTION

For the connection, use PVC pipes and appropriate adhesive for this type of material. Do not use metal pipes.
 Make sure that there are no accumulated bags of air or water in the fill or empty connection. The emptying circuit must guarantee perfect emptying and, if the use of the drain so allows, a U-bend to prevent bad smells.

Also, where required, the fill and empty circuits must also be fitted with anti-backflow devices to prevent retro suction..

Once the installation is complete, start up the equipment and check that the joints are watertight. Mark the water level in the spa, leave it for 24 hours and check that it has not gone down.

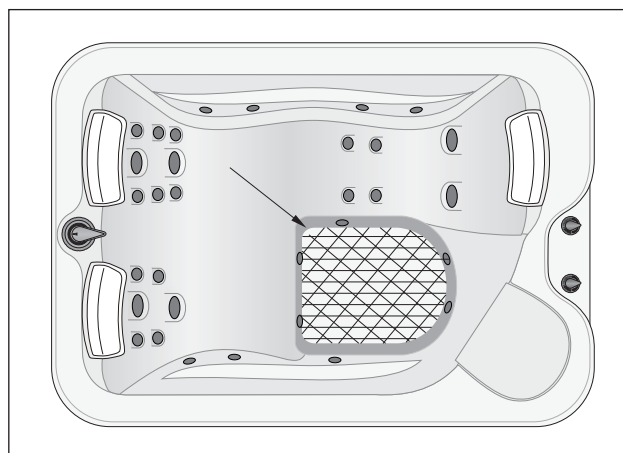
6. FILLING AND EMPTYING THE SPA

Never use the air blower circuit to fill the spa.

Broadway Compact SPA is equipped with 1/2" connector to fill the bathtub and drain water.

It recommended for the spa to be connected to the sewage drain when being filled with water.

When emptying, pay special attention to the non-drainable area (shaded area in the illustration).



Manually remove water from the indicated area in the bathtub e.g. by using a small bucket.
Once the bathtub is empty shut off power supply to the bathtub.

7. VENTILATION

The possible high temperature of the water in the spa (approximately 39 °C) leads to steam condensation.

The spa room must have adequate ventilation. If it does not, it is recommended that you install a dehumidifier to keep the air humidity at a constant temperature and prevent steam from condensing on the ceiling and on the floor.

For the correct maintenance of the wood, the relative air humidity in the room must be kept below 65% when the spa is not being used. During use and due to the evaporation caused by the hydromassage and the movement of the water, this value normally reaches 90 or 95%.

The air humidity can be kept constant by the use of fans controlled by hygostats or dehumidifiers adapted to the size of the room. Your installer or distributor can offer you advice on this. If the room has air conditioning, the condenser is not necessary. If the spa is outdoors or in an open space, these apparatuses are not necessary.

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