

Hydropanel Installation manual



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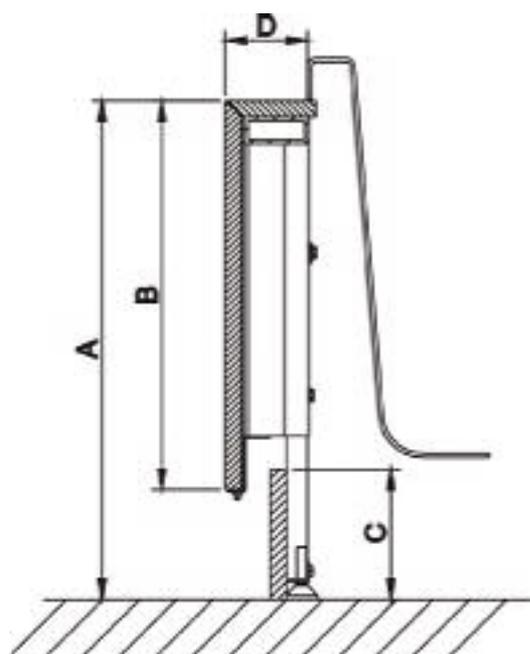
1. General information

Technic Industry suggests housing of your bath with the use of construction plates.

Advantages of the suggested housing:

- construction plates are fixed to an aluminium frame, which make the housing stable and durable as well as easy to install.
- housing material – a construction plate is waterproof, heat-insulating and is a perfect base for tiles.
- individual construction plates covered with tiles can be removed as a whole to access hydromassage devices located under the bath.
- the structure provides for ventilation of the space under the bath which prevents gathering of moisture and enables proper work of all hydromassage devices.

2. Technical data of the housing



A = 573mm to 700 mm - Minimum and maximum housing height (working length).

B = 480 – Side plate height.

C = 140mm – Lower plate height.

D = 80mm do 90mm – Suggested distance beyond the bath edge.

3. Handling of the received housing

Customer has to connect the delivered elements according to the installation manual.

Technic Industry suggests that the housing protruded approximately 80÷90mm beyond the bath edge.

3.1. List of elements to be installed

The housing is delivered to the customer in three segments consisting of the aluminium frame with construction plates fixed to it. In the case of the housing for a rectangular bath, the number of segments can vary from two to six.

The set includes also bolts and nuts necessary to connect individual segments.

3.2. Bath arrangement method

Bath structure provides the gravitational water flow if the bath is appropriately levelled. Level the bath at the installation site using a level. Levelling is done by adjusting the lower bath feet. Protect the adjusted feet from displacement using a lock nut. All the feet need to be based on the floor. The bath cannot wobble. Select such a bath height so that the overflow does not touch the floor. It must be 15mm above the floor at the minimum. Once the bath has been appropriately arranged, measure the height between the floor and the bath edge. Write down the height.



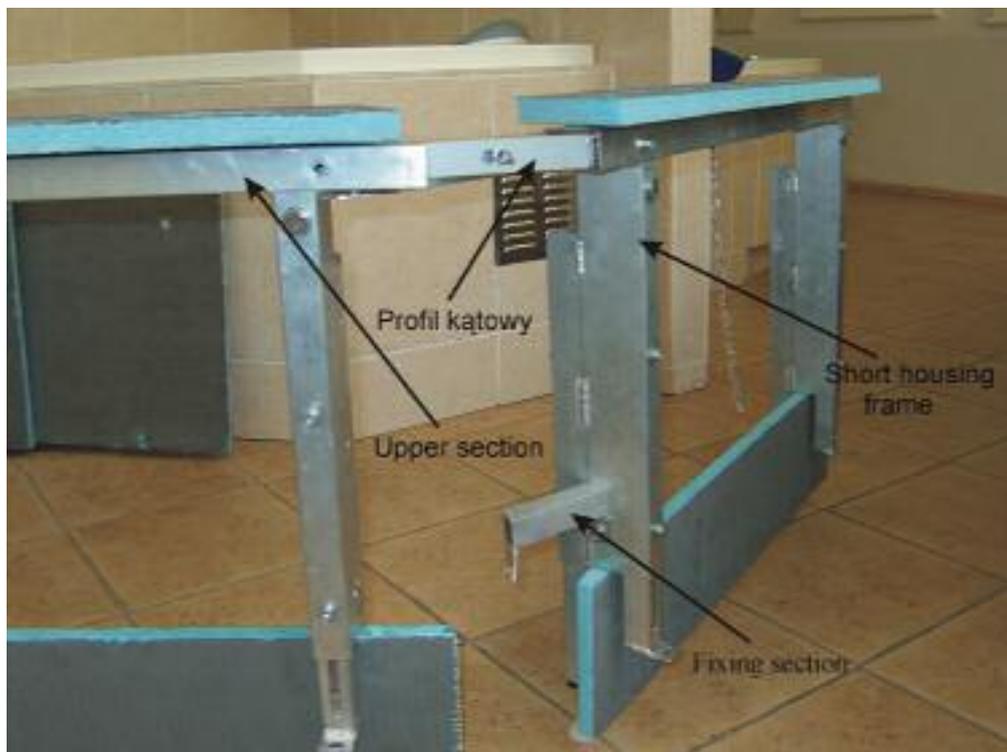
3.3. Housing installation method

- Unpack the housing. Remove side plates from each of the delivered parts.
Side plates are fixed to the frame with magnets and a protection chain. Detach the chain from the side plate.

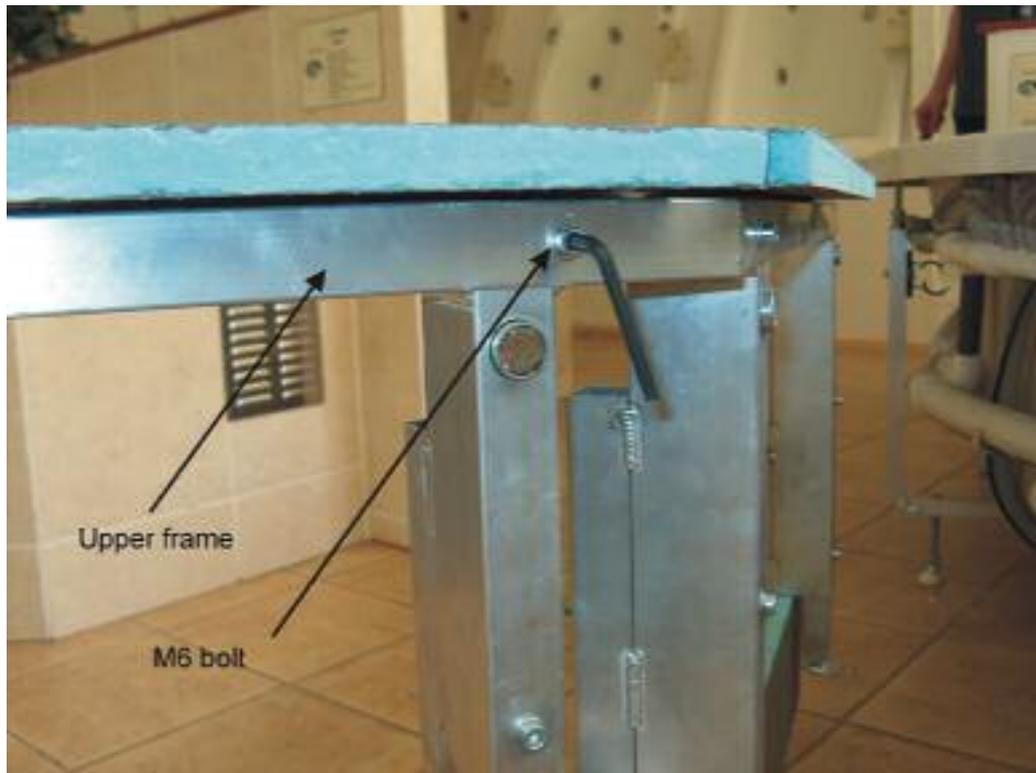


Housing frame segments.

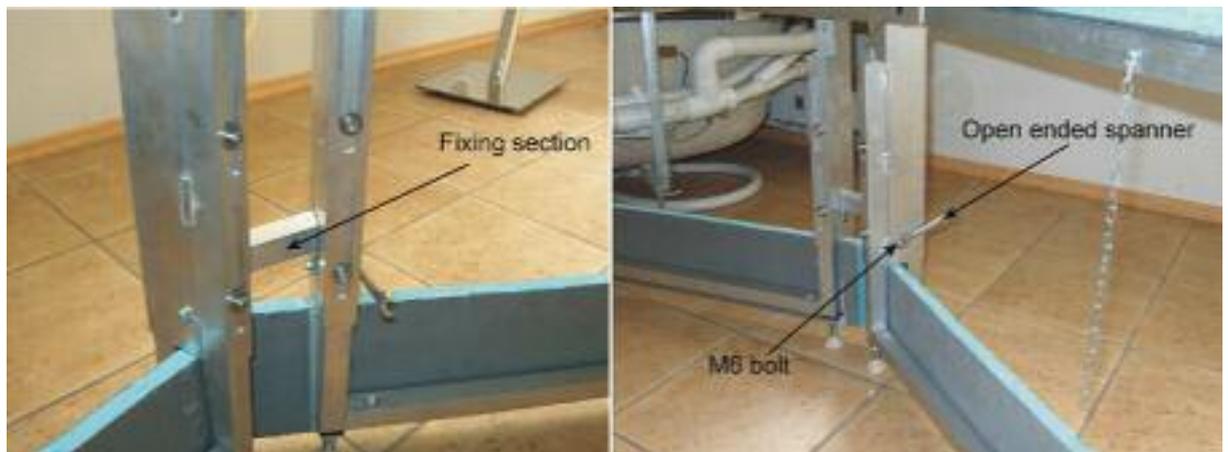
- Connect individual parts of the housing frame using angular and fixing sections (visible in the picture below). In order to connect the frames, move both parts close to one another and slide the angular section into the upper section of the long frame at the same time.



- After both frames have been put together, screw the angular and upper sections together using M6 bolts. Use an Inbus wrench to screw the bolt in.



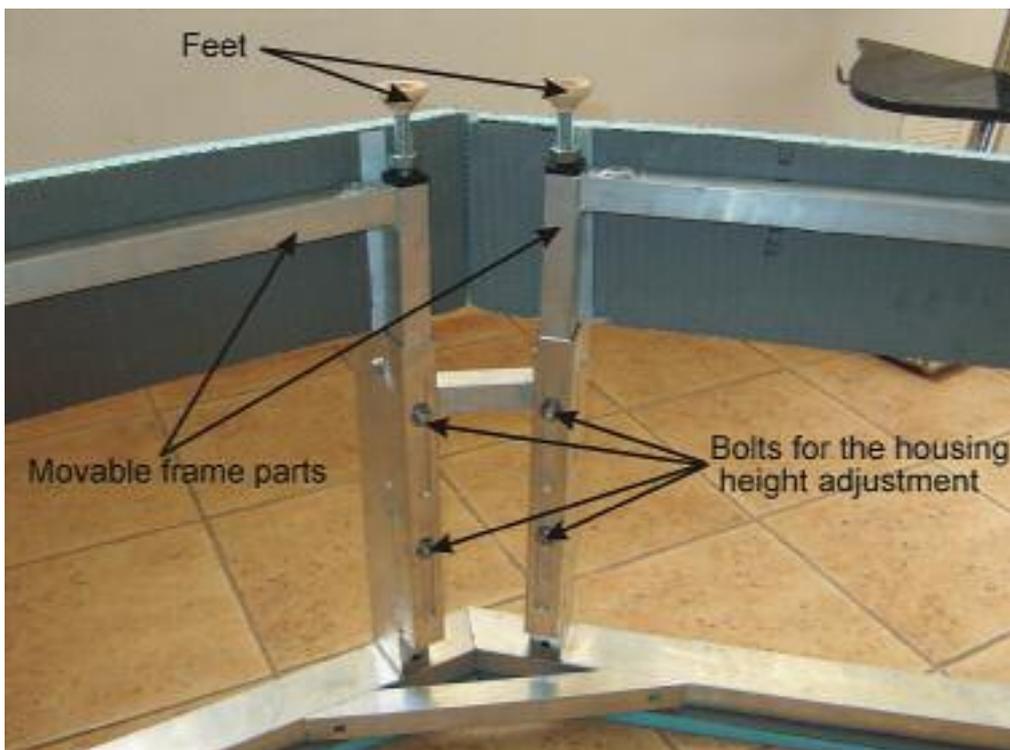
- Strengthen and toughen the whole frame by screwing the fixing section and the long frame together using M6 bolt and a nut.



- Screw the crosspiece into the long frame using M6 bolt.
Assemble the other part of the frame in the same way.



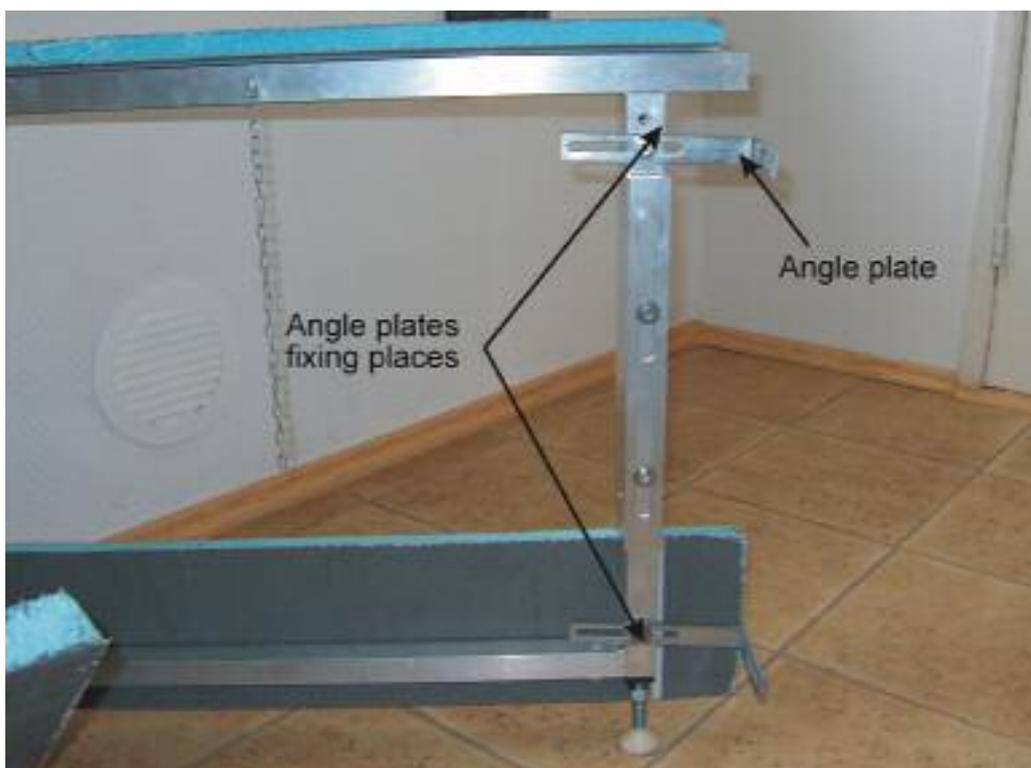
- Turn the fixed housing round by 180° (just like in the picture below)
Set the housing height, measured during the bath arrangement, by deducting the tiles thickness together with cement layer from the measured dimension. Adjust the height using bolts shown in the picture below. Adjustment with the use of bolts is carried out by loosening of the bolts and sliding or pulling the movable section marked in the picture below. Tighten the bolts up after the appropriate height has been set.

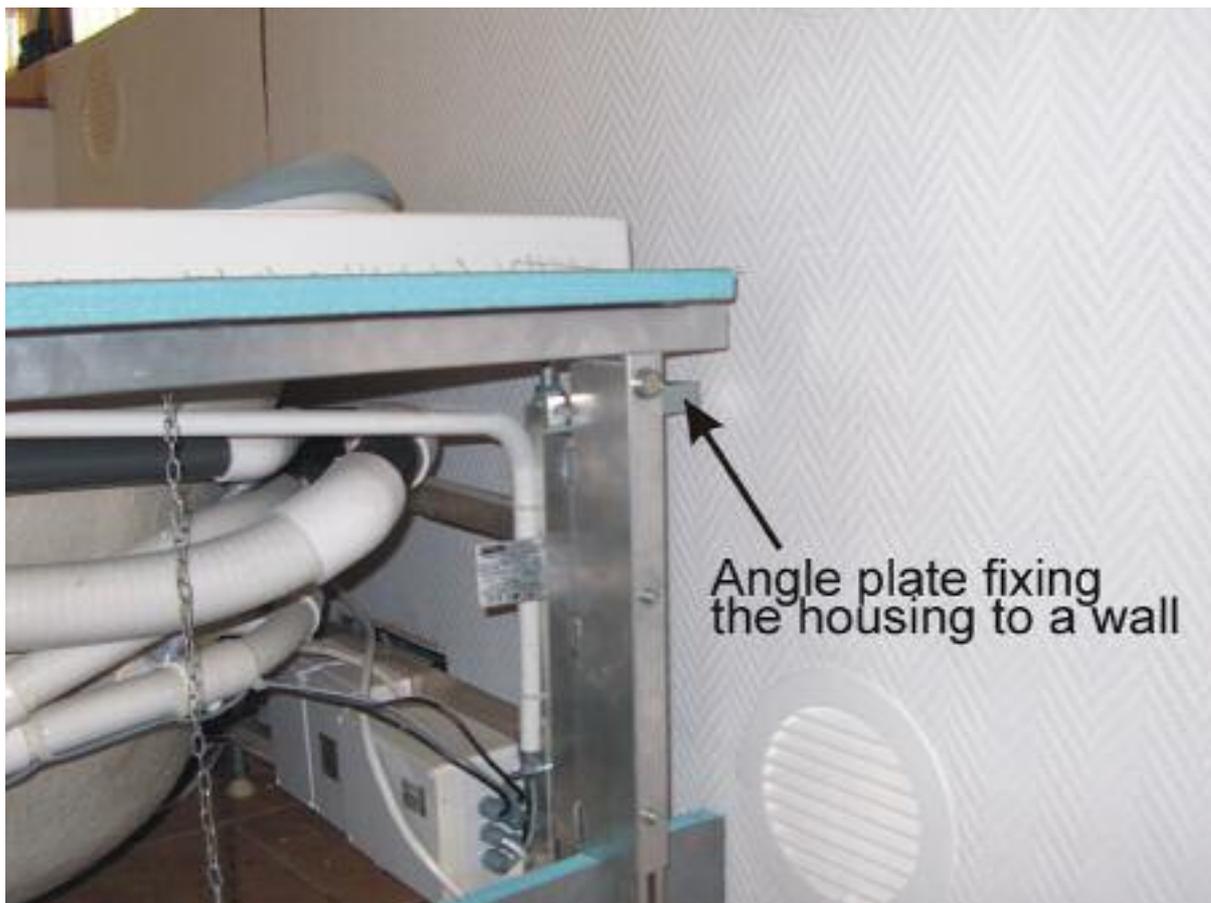


- After the housing has been fixed and strengthened, arrange it in an appropriate position with reference to the bath (just like in the picture). Slide the housing approximately 10÷20mm under the bath edge.



- After the housing has been arranged in its final position, fix it to a wall using angle plates. In order to do this, fix the angle plate to the housing frame in the assigned place (visible in the picture below), then mark the angle plate position on the wall and drill a hole with an Ø 8mm drill. Fix the angle plate to the wall with a wall plug and a bolt.





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- Insert the side plates and protect them with the protection chain.





Side plates

4. Additional information

4.1. Removal and installation of lower plates

Lower plates are fixed to the housing frame with Velcro® fasteners.

Measure the height between the side plate support and the housing edge and write it down. Slide the movable section upwards as much as possible. Remove the lower plate in order to lay tiles. After tiling, fix the lower plates again with Velcro® fasteners. Lower the movable section to its initial position at the height noted down earlier.



4.2. Connecting of individual plates with the use of silicone

After tiling, fill joints between individual plates with silicone. Seal the bath edge with the housing using silicone.



Sealing of the bath edge with the housing using silicone.



Filling of joints using silicone.

4.2. Side plates separation method.

If necessary to access the bath devices, one has to remove the side plates. In order to do this, first cut the particular silicone joints with a knife. Draw the side plates up to yourself with the use of e.g. glass carrying handles. Then detach protection chain from the side plate and set the plate aside. Once the work is finished, fix the side plates back to their positions and fill the joints with silicone.

