

Installer training

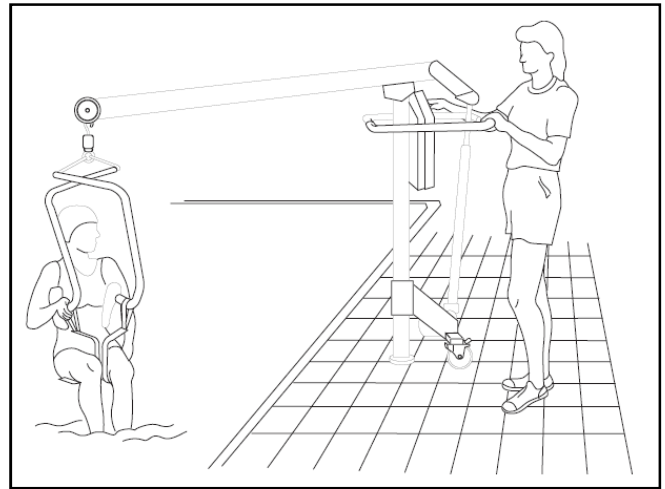
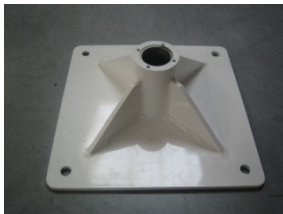
12 Installing a swimming pool lift.

There are 2 types of sockets:

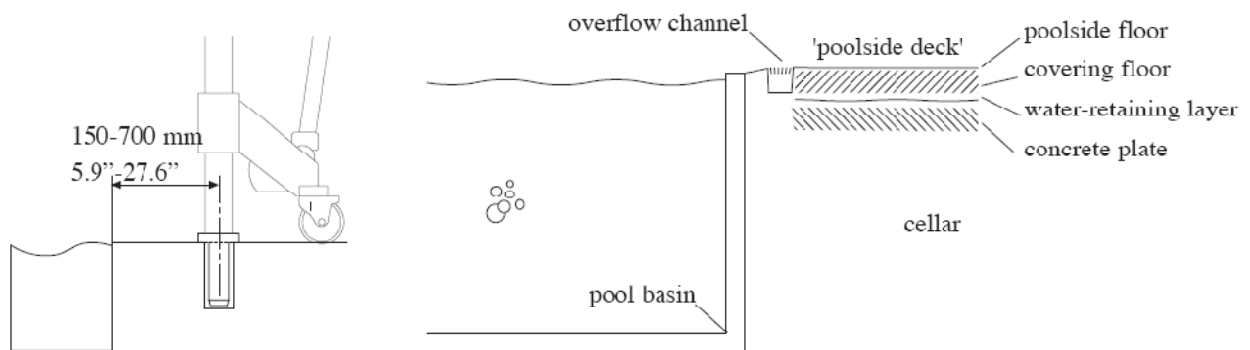
Socket A:



Socket C:



Socket A consists of a built-in casing made of stainless steel, that is mounted into the floor. A hole should be made having a diameter of 102 mm, and a depth of 163 mm. Socket A will be installed by a technician provided by Handi-Move. The distance from the pool edge to the centre of socket A is a maximum of 70 cm with overflowing water level. If the level of the water is lower than the level of socket A, then this should be considered on a case by case basis. The distance between the pool edge and the centre of socket A, must never be less than 15 cm (on a level floor); if this is not the case, one of the lift wheels will hang over the pool edge when positioning. Within a turning circle of ± 30 cm around socket A, the difference in level must not be more than 9 mm; if this is not the case, the wheels will jam when turning.



There are 5 alternatives concerning waterproofing (Belgian position is that it should be discussed with architect).

- using waterproof cement instead of a waterproof coating.
- socket A is drilled into the tub (solid concrete), instead of the 'plage'. This is the area lying between the pool edge and the overflow gutter.
- the architect permits drilling on the assumption that the opening around socket A will be waterproofed with epoxy resin.
- a groove will be made in the floor for securing socket C.
- socket C will initially be positioned in front of the waterproof layer, i.e. the waterproof layer is brought against socket C. For this reason it is important to know the precise floor level.

Installing Socket A:

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1. Establish the position for mounting the socket.
2. Drill a hole diameter 102 mm, and to a depth of 163 mm. Make sure there is sufficient water supply and suction drainage.
3. Remove the core and the drilling waste from the hole. Make sure that the hole is clean and tidy.



4. Check the socket in the hole.
5. Apply the chemical fixing agent (HIT-RE 500) to the bottom of the hole and also around the grooves on the socket.
6. Put the socket into the hole and fill the space around it with more fixing agent.



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7. Put a test post into the socket in order to use a spirit level for checking the position.



8. Finish off the edges with silicone.