



# INSTALLATION INSTRUCTION

## Vacuum cleaner trolley

1. Unscrew the thumb screws on the strainer housing of the pump and lift off the cover.
2. Fill the strainer with water. Check that the strainer basket fits.
3. Put the cover on the strainer, check the gasket and tighten the thumb screws crosswise.
4. Connect the return hose to the filter.
5. Connect the telescopic handle to the vacuum head.
6. Connect the vacuum hose to the vacuum head.
7. Place the vacuum head on the bottom of the pool.
8. Put the hose into the water so that it will be filled with water.
9. Connect the hose to the suction side of the pump (on the strainer housing).
10. Start the pump.
11. Convey the vacuum head over the bottom and vacuum the pool.
12. After a while, check if the strainer basket is filled with leaves etc. and empty it, if necessary.
13. When necessary, backwash the filter after vacuum cleaning of the pool.

HARMSCO-filter type ST105 - Filter cartridge: Item no. 31227

### Cleaning of filter cartridge

1. Open the filter tank by unscrewing the wing nuts (pos. 1) and take off the cover.
2. Lift the filter cartridge out of the filter tank.
3. Clean the filter cartridge.
4. Make sure that the gasket (pos. 4) is clean.
5. Put back the filter cartridge into the tank. Check that the gasket is correctly placed and tightens.
6. Put back the cover.
7. Grease the studs.
8. Tighten the wing bolts by hand. **N.B.** Do not use any tool to tighten the wing bolts, as the cover, gasket and tank can be damaged.

### Exchange of filter cartridge

1. Follow the above instruction and lift out the filter cartridge.
2. Unscrew the threaded cap from the tube, that holds the filter cartridge.
3. Pull out the filter cartridge and replace with a new one.
4. Fasten the threaded cap by hand and make sure the filter cartridge tightens properly.
5. Put back the filter cartridge into the filter tank.

### Instruction for cleaning of filter cartridge

Suntan oil and impurities cover the filter and cause a reduced flow. Take away the oil by placing the cartridge in a bath consisting of trisodiumphosphate and water (2 kg per 50 liter water). After approx. 1 hour the impurities are dissolved and can be rinsed away.

For removal of algae, use a stronger solution made of trisodiumphosphate and water and leave the cartridge as long as necessary in the bath.

Mostly the cartridge is easy to clean with a hose with a mouthpiece and the water pressure.

If the cartridge is clogged by lime, place the cartridge in a solution of 1 part hydrochloric acid and 20 parts water. Use a plastic container and let the cartridge stay in the bath until the lime is dissolved and can be washed away.

When exchanging the filter cartridge, the Pahlén-Harmsco original cartridge is to be used.