



Support for PureSpa Code E90

Code E90 appears when the water flow is too low. This code often has to do with poor water maintenance, for example due to a dirty/old filter, dirty water or bacteria/algae. Please go through the checklist below to see whether this is all right.

- The filter should be rinsed every day and after each use. Replace the filter regularly (after a few days to 1 week).
- The water must be clear. Make sure that the chlorine level of your water is always between 2 and 4 ppm.
- If your water is green/cloudy/milky or contains foam, this is probably the cause of the E90.
- The chlorine in the water provides the disinfecting effect so that the water remains clear. The filter is only there to assist in removing particles from the water.

Is the filter clean and your water clear?
Unscrew the filter housing from the grid and press the filtration button.
Does the E90 also come up without a filter?

- Does the code E90 keep appearing?**

Please [contact local service centre for further assistance](#).

- Does the code E90 not appear?**

This means that the cause of the E90 is not a mechanical problem, but has to do with a dirty filter and/or poor water maintenance. In this case, you must replace the filter and/or take the necessary measures to achieve the correct chlorine level.

For more information on water maintenance please read
[General Maintenance for the PureSpa](#)



General Maintenance for the PureSpa

It is important to maintain your spa properly and to have balanced water values so that your water remains clean and disinfected. The tips below can help you with this.

Replace the filter cartridge

The filter should be rinsed every day and after each use with water with sufficient pressure, for example a tap or garden hose. Then a filter will last a few days to 1 week on average. After this, you must replace the filter with a new, unused filter. If the filter is not cleaned in between, the filter will have to be replaced more often for a new, unused filter.

Balanced water values

The pH value of the water should be between 6.8 and 7.6, the alkalinity between 60 and 120 ppm and the free chlorine between 2 and 4 ppm.

How do you use a test strip?

In the beginning, check the water values every day with a test strip. Dip the entire strip in the water for 1 second. Do not shake excess water from the strip, a drop of water should remain on each square. Hold the strip horizontally for 15 seconds and then read the results immediately. Do not keep the strip in the water for too long.

What to do if the water values are too high or too low?

Depending on the measurement results, you must first adjust the alkalinity and then the Ph. Increase or decrease these values with the appropriate chemicals. Then bring the chlorine to the right level by, for example, adding loose chlorine products. Pay attention! Overdose of chlorine can cause damage to the spa, for example bubbles on the spa tub or black particles in the water. Reduce your chlorine levels by replacing part of the water in the spa with new water.

What to do if your water is green/cloudy/milky or contains foam?

In most cases this is because the chlorine level is too low. Change the water and clean the walls/bottom of the spa tub well with a soft brush. Thoroughly rinse the spa tub and pump unit piping to make sure everything is clean. Replace the old filter with a new, unused filter. Refill the spa with clean tap water. Then add the appropriate chemicals or if applicable salt for the saltwater system as directed in the manual.

The above information is general advice regarding general maintenance. For other advice, please contact a specialist on [water treatment/maintenance](#).