

If alarm code E90 is displayed on the control panel, it means no water is flowing through the system. Check and make sure of the following:

- Water is filled to the recommended level.
- Filter cartridge is clean and properly installed. (Clean or replace the filter cartridge if necessary.) Turn off or unplug the control unit. Remove the filter cartridge assembly from the spa tub. Turn on the control unit and activate the filtration to make sure there is water flowing through.

If there is water flowing with the filter cartridge assembly removed:

1. Clean the filter cartridge or replace a new one.

(**Note: Submerge and shake the cartridge under water for several times. Make sure there is no air inside before putting it into the cartridge housing**)



2. If E90 persists, check and ensure there is no debris inside the spa tub inlet and outlet grids. If there is debris inside, unscrew the spa inlet/outlet grid with a Phillip screwdriver. Clean and replace it back.

3. Make sure the spa water is clean and sanitized. Contact your local pool/spa specialist on water treatment and softener recommendation.

If there is no water flowing after removing the filter cartridge assembly: Check and ensure the in/outlet connections between the spa tub and the spa control unit are not blocked, twisted or leaking.



If E90 still shown, there might be something wrong with control base unit. Please contact your nearest consumer service center for replacement.