

Sanitisation Guidelines – POU Reservoir Coolers

This procedure should be used for initial cleaning prior to commissioning and also for on-site sanitisation

Equipment

- Household bleach (5% sodium hypochlorite)
- Plastic bucket
- Plastic bowl
- One 12" length of ¼"OD plastic tubing (approximately 26mm [3"] long)

Preparation of Filter Cleaning Cartridge

- In order to get cleaning solution into contact with all of the water-contact surfaces it is recommended that you prepare a filter cleaning cartridge. This should consist of an empty filter housing and head assembly (i.e. does not contain a filter media). Proprietary systems are available from the major reputable suppliers of fittings which have ¼" push-fit inlet and outlet suitable for use with the tubing contained in OASIS coolers.
- To prepare the cleaning cartridge, place 6 ml of the sodium hypochlorite solution into the empty housing and then re-fit the head

Sanitisation Instructions

- Water Cooler
 - o Temporarily disconnect the water cooler from the mains water supply and close the shut off valve
 - o Remove the outer lid from the cooler and disconnect the blue tubing from the reservoir lid
 - o Connect the blue tube to the inlet side of the Filter Cleaning Cartridge
 - o Using a 12" length of ¼" blue tubing, connect the outlet side of the Filter Cleaning Cartridge to the connection on the reservoir lid
 - If a filter system has been installed in the cooler, then use the Filter Cleaning Cartridge to bypass the filter system (i.e. disconnect the tube attached to the inlet to the filter system and fit it to the inlet of the Filter Cleaning Cartridge & disconnect the tube attached to the outlet to the filter system and fit it to the outlet of the Filter Cleaning Cartridge)
 - o Reconnect the cooler to the mains water supply and open the shut off valve
 - o Allow the reservoir to fill with water (leave for about 5 minutes) and close the shut off valve
 - o Let cooler stand with cleaning solution in it for 20-30 minutes.
 - o After the 20-30 minutes are up, open the cooler shut off valve, and open the faucets for 2 minutes to remove all traces of cleaning solution.
 - o Close the shut off valve and remove the Filter Cleaning Cartridge
 - o Reinstall the filter system and reconnect the blue tube to the reservoir
 - o Open the cooler shut off valve
- Reservoir Lid
 - o Clean all surfaces with a mild soap solution.
 - o Rinse thoroughly with filtered water.
 - o Mix a solution of 3ml (½ teaspoon) of household bleach to 3.78 liters (one gallon) of water.
 - o Wipe down all surfaces with the solution. **Note:** Gloves should be worn during this procedure.
 - o Rinse thoroughly with filtered water.