
PORTABLE RO OPERATIONAL GUIDANCE AFTER 72 HOURS DORMANT

The purpose of this Technical Note is to provide guidance on what to do if the Portable Reverse Osmosis (RO) water purification device has been unintentionally left undisinfected for >72 hours due to being inoperable (i.e., waiting for repair part(s), waiting for service work, unable to be placed in an automated 'run' or heat disinfection mode of operation, etc.).

If the Portable RO device has been unintentionally left inoperable for >72 hours, we recommend performing either a heat or a chemical disinfection process, whichever is available based on the capability of the device itself, before being placed back into Service. Either disinfection method will be satisfactory. After the disinfection process has been completed, collect water samples. While awaiting test results, be sure to operate the device in accordance with procedures in order to maintain compliance. Verify results and record performance parameters prior to placing the device back into Service. Follow clinic Policy & Procedures and/or provide necessary testing results to key medical personnel for 'go' or 'no-go' decision.

If the results are not acceptable after the first disinfection, perform another disinfection process. Either repeat using the same method or choose to use an alternative method should that be available per the device and per the manufacturer. If the results still remain unacceptable, then replacing the RO element (i.e., membrane) or replacing the RO membrane assembly (ROMA), might be necessary. Other items that might need to be replaced include the water product hose or tubing that proceeds to the inlet of the hemodialysis machine and any final or inline water filter. Note: If testing before the first initial disinfection process is desired for a device performance baseline, be sure to collect sample(s) prior to the disinfection process.

Contact Technical Support for any additional questions or concerns.