

Proper Shutdown of a UF System

If a shutdown occurs, immediately drain and flush the system with fresh DI or RO water and institute a chemical cleaning procedure before leaving the system shutdown. If the system will be idle for longer than one week, it is recommended to use the following storage procedure:

Step 1 Flush Cycle	Flush the system with clean water* sending permeate and concentrate to the drain. Ensure that at least 2X the system hold-up volume has been flushed through the system.
Step 2 Storage Solution	Circulate clean water*. Slowly add a recommended storage solution. After 20 minutes, shutdown the system and leave the solution in the system. Ensure the storage solution does not drain from the system.
Step 3 Weekly Circulation	Once per week, circulate the storage solution through the system for 20 minutes. While circulating the solution, check the pH. Add additional storage solution if the pH needs to be adjusted and circulate for an additional 20 minutes.
Step 4 Pre-Restart-Up	Before running product, perform a full CIP on the system. Check the membrane water flux and microlevels. If either is unacceptable, contact your chemical supplier for additional cleaning recommendations.

*Clean water is defined as water at or below concentrations listed on the CIP Water Quality Guidelines.



Contact Solecta, a brand of Acuriant, to learn how our team of experts and innovative solutions can assist with cleaning protocols and reduce unplanned downtime in the New Year.

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