Pro Mini 170-175
Short Term Shutdown

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A short-term shutdown is defined as a period of time in which the system is not utilized for up to 4 weeks. An effective short-term protection for the system & R.O. membrane element is a Fresh Water Rinse of the entire system with fresh water (product water from the system). This prolongs the system life by minimizing electrolysis & regarding biological growth.

NOTE

If the system is equipped with an Automatic Fresh Water Flush Accessory then it is not necessary to read this section. The Automatic Fresh Water Flush accessory rinses the system every 7 days automatically as described However, see "Winterizing and Freezing " note below.

Winterizing & Freezing Temperature Storage Note

If the system is exposed to freezing temperatures, DO NOT activate the Automatic Fresh Water Flush. Instead, perform a Manual Fresh Water Rinse as described below. Deactivate the Automatic Fresh Water Flush cycle by pressing the "Stop" switch twice (2 times).

Manual Fresh Water Rinse Procedure

Follow the directions below if the system is not equipped with an Automatic Fresh Water Flush accessory. This procedure displaces the system feed water with fresh water & allows a short-term shutdown for up to 4 weeks. 5 gallons (19 liters) of fresh product or potable water is required for the fresh water rinse.

Close the Cock Valve

Fill a 5-gallon container with clean, fresh water.

Configure the system for a Once Through Rinse.

Fully open the Back-Pressure Regulating Valve counter clockwise.

Press the "Start" switch. The fresh water rinses the system & discharges out to waste.

Apply 200 psi of pressure to the system by turning the Back-Pressure Regulator clockwise. This allows the system to produce a minimal amount of product water, which ensures that the product water line remains wet.

Just prior to depleting the rinse water from the bucket, fully open the Back-Pressure Regulator Valve counter clockwise & stop the system.

IN NON-FREEZING TEMPERATURES, THE SYSTEM MAY NOW BE LEFT UNATTENDED FOR SEVERAL WEEKS. HOWEVER, IF THE SYSTEM WILL BE EXPOSED TO FREEZING TEMPERATURES, CONTINUE WITH THE FOLLOWING PROCEDURES

Again, fill a 5-gallon container with clean, fresh water. Add 20% (1 gallon/4 liters) food grade glycerin (propylene glycol) to the Storage Chemical Solution. This prevents the water in the system from freezing.

Configure the system for a Once Through Rinse.

Fully open the Back-Pressure Regulating Valve counter clockwise.

Press the "Start" switch. The fresh water rinses the system & discharges out to waste.

Just prior to depleting the rinse water from the bucket, fully open the Back-Pressure Regulator Valve counter clockwise & stop the system. Deactivate the Automatic Fresh Water Flush Cycle by pressing the "Stop" switch twice [2 times].

Reconfigure the system for normal operation by reconnecting the Sea Strainer outlet line or reposition the inlet Rinse/Clean 3-way ball valve to normal operation position. The system is now exposed to fresh rinse water & may be left unattended for up to 4 weeks.

Remove product water from the Post Filtration Section
Open the Charcoal Filter Bowl & drain the product water from it.
Disconnect the bottom tube fitting from the Ultra Violet Sterilizer & drain the product water from it.
Open the pH Neutralizer Filter Bowl & drain the product water from it.
Disconnect or Close the valve from the fresh water tank to the Automatic Fresh Water Flush & drain the Fresh Water Flush Charcoal Filter Bowl.

The Manual Fresh Water Rinse Procedure should be repeated every 4 weeks if the system is not in use & if the system doesn't have the Optional Automatic Fresh Water Flush.

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