

MEMORY AID

KEY STEPS FOR USING THE NANO RO CONCENTRATOR



For producers with 50 to 150 taps

Purpose: Reduce boiling time and evaporation costs

- Water removal of 10-13 GPH
- Concentration up to 6 Brix
- Recirculation pump for sustained performance
- Low electrical consumption: 110 volts

Assembly

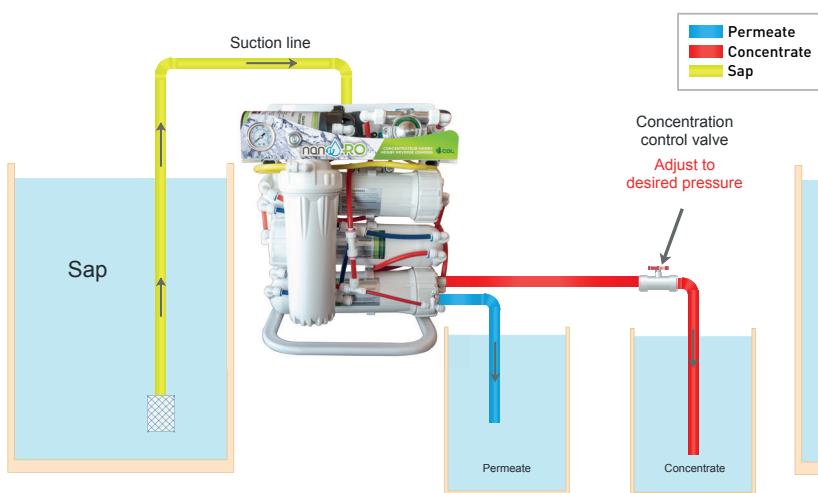
Comes almost fully assembled in the box.

1. Remove the pre-filter housing at the front and insert the pre-filter (white).
2. Lubricate the O-Ring with a food-grade silicone lubricant.
3. Replace the housing.
4. Install the 3 membranes (blue) into the 3 casings.

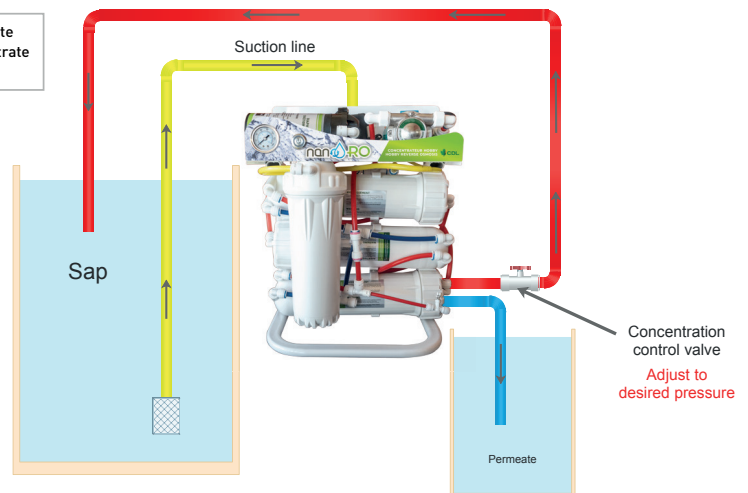
Operation

Do not exceed the recommended pressure: 100 psi

Single-pass concentration



Batch concentration



KEEP IN MIND

- The membranes must remain moist.
- Protect the equipment from freezing.
- Use between 5 and 10 gallons of filtrate per wash.

DAILY WASH DURING THE SEASON

1. Open the pressure control valve (red tube).
2. Rinse the sugary sap from the equipment using 5 gallons of permeate, and collect the sweet water in the sap tank.
3. Complete the rinse with an additional 5 gallons of permeate.
4. Using a 5-gallon bucket filled with 80°F permeate, add 1/4 cup of CDL Super Flow Green membrane cleaner.
5. Repeat the washes until the solution is clear.
6. Insert the suction tube (**yellow**), the permeate tube (**blue**), and the concentrate tube (**red**) into the bucket of cleaning solution.
7. Open the concentrate control valve.
8. Run the equipment in a closed loop with the cleaning solution in the bucket for 30 minutes.
9. Once the wash is complete, drain the solution and rinse.
10. Repeat the wash if the used solution is cloudy.
11. Rinse the equipment with at least 10 to 15 gallons of clean permeate.

END-OF-SEASON STORAGE

After proper washing, drain the membranes. Place them in a plastic bag and store them in the freezer until the next season. Properly drain the Nano RO. Store it in an area above freezing temperature.

CITRIC ACID TREATMENT

Can be done during the season. Recommended at the end of the season for storage. Follow the procedure on the container.

REPLACEMENT PARTS

- 600G pre-filter cartridge
- 600 GPD membrane



Scan to see
the video

