

REVERSE OSMOSIS

HOBBY RO (CAPACITY OF 100 GPH - 200 GPH - 300 GPH*)

500 TO 2 000 TAPS

Horizontal model



Vertical model



**50% reduction
in boiling time
and energy savings**



ADVANTAGES

- Economical and ultra compact.
- Made mostly of stainless steel components.
- All pumps are completely made of stainless steel
- Electrical consumption **120 volts (17 amp.), 240 volts (10 amp.).**
- Offers a low pressure and high temperature protection.
- Wheel system allows easy movement without effort.
- Easy to operate.
- No need to store in a heated room if properly drained.

* 240 volts only

LA FENDEUSE RO (CAPACITY FROM 500 GPH TO 3 600 GPH)



600-gallon Osmosis

**The most
efficient
on the market**

Best recirculation system

ADVANTAGES

- Entirely made of stainless steel
- The most powerful and performant on the market today.
- Continuous osmosis with low membrane plugging, allowing a concentration of up to 18 brix for a whole day. (depending on the amount of membranes)
- Individual flow reading for each membrane.
- Unique recirculation system, patented, very powerful that increases membrane life with a low maintenance submersible motor.
- Our 5 and 7,5 hp high pressure pumps offer the highest flow on the market.

20+ RO (CAPACITY OF 1 900 GPH TO 5 700 GPH)



Increase
your flow or performance by adding a
16" post to your system
Less electrical amperage required

The 20+ reverse osmosis allows continuous concentration at over 20 brix without premature plugging of the membranes.

55



16" POST
Capacity over 2400 gallons per hour

In addition, it allows for a very fast individual rinsing of the membranes to ensure an efficient washing.

100% efficiency for the entire duration of the sugar season.



ADVANTAGES

- Eliminates complex plumbing.
- Major energy savings.
- Space saving.
- Easy to operate.
- Can replace more than four 8" posts.
- Maintenance free submersible pump.
- Superior performance with series of reduced posts.

Prices are available upon request

20+ REVERSE OSMOSIS



20+ RO (CAPACITY OF 7 600 GPH AT 20 BRIX)



ADVANTAGES

- Designed to fit through a standard size door
- New 10HP turbine designed by CDL allowing high flow at high pressure.



Rear view

POST CARTS

Vertical



Horizontal



New 1,5 HP turbine installed on vertical cart or horizontal, preventing the clogging of the membranes at high brix.

Can easily be added to a CDL reverse osmosis previously purchased with or without cart.

ADVANTAGES

- Facilitates post + membrane movement.
- Allows the simultaneous moving of the posts into a room with more space to assemble the membranes.
- Designed to fit inside a standard size door.

ADVANTAGES

- Compact
- Ultra simple connections
- Easy to operate
- Easy access to the membranes

INTELLIGENT REVERSE OSMOSIS MACHINE

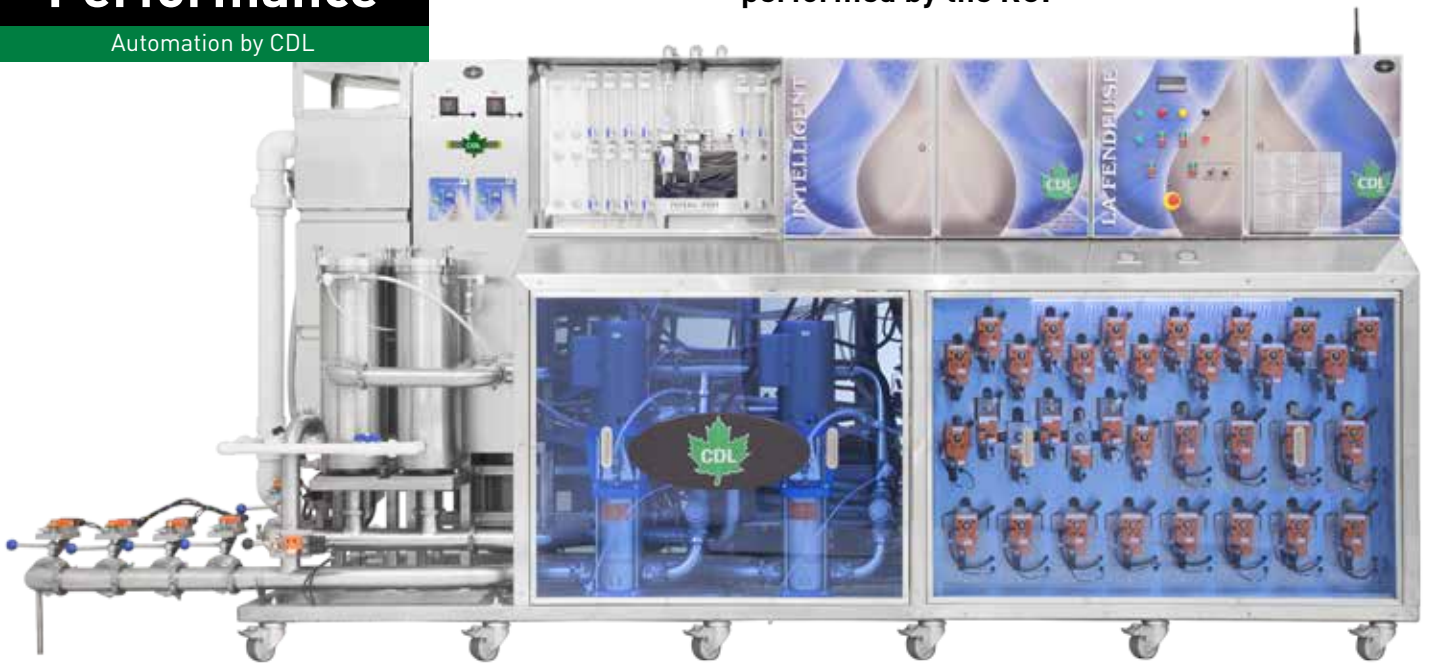
A Revolution in the maple syrup industry

INTELLIGENT RO (CAPACITY OF 600 GPH TO 7600 GPH)

**Quality
Reliability
Performance**

Automation by CDL

The new intelligent RO was developed to **simplify** as much as possible its operation. In addition, it gives you **full remote management** of all the operations that must be performed by the RO.



Prices are available upon request

WHAT IT CAN DO BY REMOTE CONTROL

- Concentrate;
- Rinse the membranes;
- Membrane wash;
- Control sap or permeate feed;
- Continuous brix control;
- Email alerts.



Simple programming allows you to **safely** operate the equipment during your resting hours, work hours or when away from the sugar bush.

What could be better?

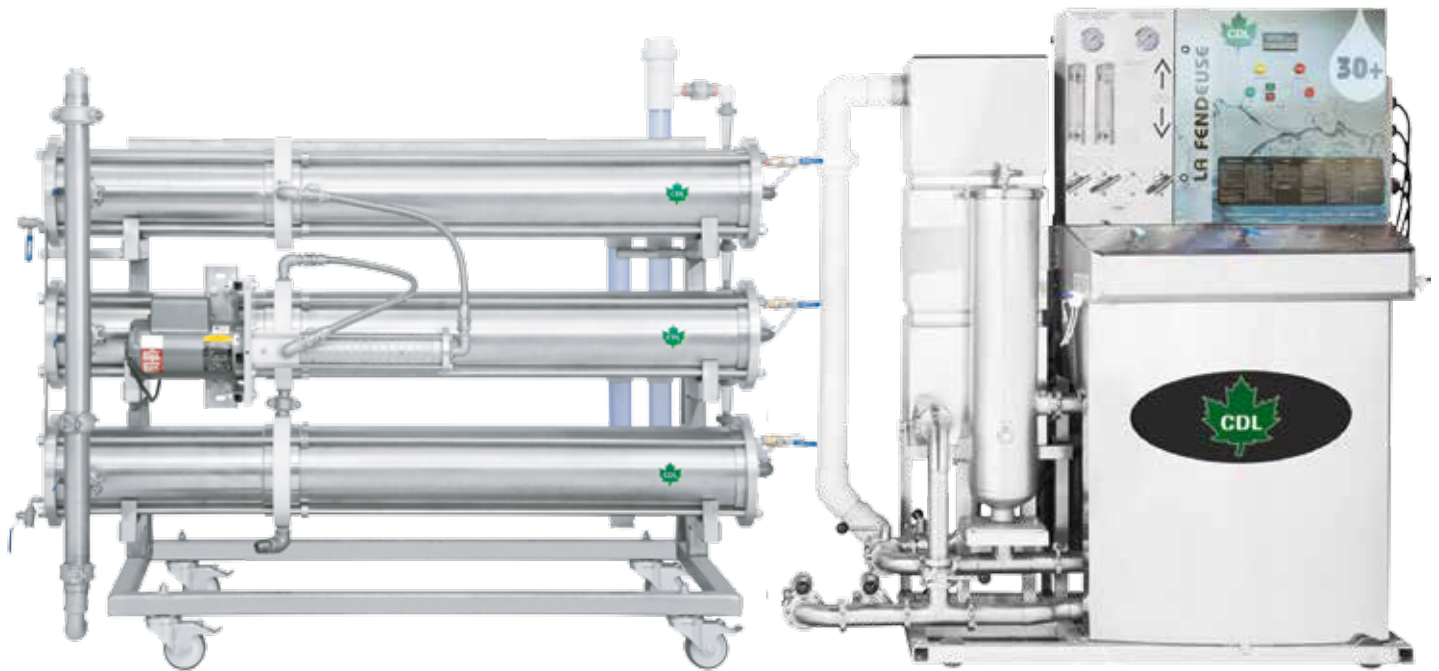


CDL's intelligent RO machine can be operated and supervised by the CDL monitoring system.

30+ REVERSE OSMOSIS

Saves time and energy costs

This CDL Reverse Osmosis series allows you to increase the brix of your concentrate to over 30 efficiently.



3 to 6 posts models available

CAPACITY

from 750 to 1500 GPH

PERFORMANCE

from 375 to 750 GPH
of concentration