

Reverse Osmosis

SPRINGTECH ELITE



Reverse Osmosis is a cost effective enhancement to the evaporation process. While an R.O. machine cannot replace your evaporator, it greatly reduces boiling time by reducing the water content in maple sap. This is done by forcing the sap, while under pressure, across semi-permeable membranes. The membranes are fine enough to allow some of the water molecules to pass through, but not the sugar molecules. The result is fast removal of up to 75% of the water in your sap, to around the 8° brix mark. This greatly reduces evaporation time, and thus labor expenses. R.O. machines are also designed for non-stop operation. Automatic shutdown controls allow you to run your R.O. continuously with no damage to your equipment when the sap runs out—even when you are away or overnight. Because sap can be processed quickly and boiled in far less time, you can improve sap quality by eliminating long storage periods. Fuel consumption and related costs also drop dramatically.

The Springtech Reverse Osmosis machine is manufactured keeping simplicity, the highest standards of quality and customer satisfaction in mind. It features fast wash and rinse cycles, increased membrane performance and a patented stainless steel multi-impeller pump. The Micro Elite 80 and 160 are the newest additions to our Springtech line. These smaller ROs meet the needs of the smaller producer at very affordable prices. Constructed completely of stainless steel and food-grade PVC. Call for more information and pricing.

Model	Membrane	GPH	Surface Area	Starting Pump	Pressure Pump	Amp. Total	Dimension WxDxH.	Pre-Filter
HERO	1-4" x 40"	50	75	None	1HP	9	18 x 25 x 64	1-10"
Micro Elite 80	1-4" x 40"	80	75	1CV/230V	3CV	26	28 x 25 x 63	1-20"
Micro Elite 160	2-4" x 40"	160	150	1CV/230V	3CV	26	28 x 25 x 63	1-20"
Elite 250	2-4" x 40"	250	150	1CV/230V	5CV	26	29 x 34 x 69	1-20"
Elite 500	1-8" x 40"	500	400	1CV/230V	5CV	26	29 x 34 x 69	1-20"
Elite 600 Exp	1-8" x 40"	600	400	3CV/230V	7.5CV	44	33 x 37 x 72	2-20"
Elite 800	1-8" x 60"	700	600	1CV/230V	7.5CV	37	29 x 34 x 77	2-20"
Elite 800 Exp	1-8" x 60"	800	600	3CV/230V	7.5CV	51	29 x 50 x 77	2-20"
Elite 1000	2-8" x 40"	1000	800	5CV/230V	7.5CV	44	33 x 37 x 72	2-20"
Elite 1600-3	3-8" x 40"	1600	1200	5CV/230V	2-7.5CV	81	29 x 92 x 72	4-20"
Elite 1600-2	2-8" x 60"	1600	1200	5CV/230V	2-7.5CV	81	29 x 78 x 77	4-20"
Elite 2000	4-8" x 40"	2000	1600	5CV/230V	2-7.5CV	81	29 x 92 x 72	4-20"
Elite 2400	3-8" x 60"	2400	1800	7.5CV/230V	3-7.5CV	120	29 x 78 x 77	6-20"

