



h<sub>2</sub>o  
innovation®

LEADER™

MAPLE  
SUGARING  
EQUIPMENT  
2024

# INVEST AND HARVEST:

## NAVIGATING GROWTH IN TIMES OF ADVERSITY



The 2023 sugaring season has certainly reminded us that Mother Nature is stronger than anything, and that we have no control whatsoever over her sudden mood swings! Thankfully, we can rely on several technologies and processes to optimize maple syrup production, even in times of unpredictable weather changes. This is precisely what sets many of our recent products and innovations apart. From sap collection aided by our monitoring technology to manage leaks and optimize yield, to our High-Brix concentration designed to save time and energy, and to advanced evaporation technologies that optimize diffusion and energy recovery, we have everything you need to produce high-quality maple syrup. This is, quite simply, our purpose.

The successful integration of Leader Evaporator within H2O Innovation's Maple business line fills us with enthusiasm and confidence for the future. Our facilities in Ham-Nord, Quebec, and Swanton, Vermont, play a key role in ensuring the timely fulfillment for the orders in our backlog. With a significant investment in implementing an automated tubing extrusion line in Vermont, we are now better equipped than ever to meet the needs of our customers, both in terms of quantity and of quality.

Today, our clients can count on a network of over 100 distributors and maple syrup experts who can help them meet their objectives and carry out their expansion projects in North America. Plus, we proudly launched a brand-new transactional website last November, which is the perfect complement to our catalog. The new website offers an enhanced shopping experience and allows you to effortlessly explore our inventory featuring over 2,500 products. This new platform also makes it easier for you to purchase consumables as well as storage and maintenance products typically used at the beginning and at the end of the season.

Thank you for your ongoing trust. We wish you a successful 2024 sugaring season!

A handwritten signature in blue ink, appearing to read 'Frédéric Dugré'. The signature is stylized and fluid.

**Frédéric Dugré**  
President & CEO

# TABLE OF CONTENTS

**SPOUTS AND FITTINGS**

4 - 11

**TUBING AND MAINLINES**

12 - 18

**TOOLS AND FENCING**

19 - 25

**MONITORING**

26 - 34

**SAP EXTRACTORS AND RELEASERS**

36 - 41

**PUMPS (SAP & VACUUM)**

42 - 49

**TANKS**

50

**REVERSE OSMOSIS**

51 - 67

**CHEMICAL PRODUCTS**

68 - 69

**EVAPORATORS**

70 - 97

**FILTRATION**

98 - 103

**BOTTLING AND CONFECTION**

104 - 117

**PLUMBING**

118 - 123

**DISTRIBUTION NETWORK**

124 - 128





## THE CHECK VALVE

The Check Valve effectively eliminate the backflow of sap from the tubing system, and, as a result, increase sap production in two ways:

- Sap that leaves the hole during short sap runs cannot be pulled back by the tree as it freezes.
- Contaminated sap from the tubing system is prevented from being pulled back into trees, extending the sugaring season and substantially increasing sap production.



Check out UVM Proctor  
Maple Research Center  
video on YouTube!

# 5/16" SPOUTS

## THE VALUE OF COLOR

We have introduced color to some of our most popular spouts and adapters in order to help you color-code your woods, to help make your operation more efficient and profitable. Alternate colors annually to eliminate yield loss from reusing old spouts forgotten from the previous year.



See the product on our website

### Leader Clear 5/16" Check Valve Spout

4712	Clear
4712R	Red
4712B	Blue



### Leader Clear 5/16" Spout

4713	Clear
4713R	Red
4713B	Blue



## Spout adapter

Spout adapters are designed to be used with Stubby spout. Polycarbonate tinted colors and Nylon Black. Both available in standard and check valves.



### H2O Leader Check Valve Adapter

4011	1/4"	Black
4711	5/16"	Black
4111	5/16"	Clear
4111R	5/16"	Red
4111B	5/16"	Blue



**NEW**  
1/4"

### H2O Leader Spout Adapter

4016	1/4"	Black
4716	5/16"	Black
4116	5/16"	Clear
4116R	5/16"	Red
4116B	5/16"	Blue



Stubby spout - compatible with all H2O and Leader adapters

4715

## FEATURES

- Fits all adapters H<sub>2</sub>O and Leader
- Improved head

## 709 SERIES

This polycarbonate clear spout is made with thin wall technology that ensures the best sealing at the tap hole. Because of its perfect transparency, sap can easily be seen running through it. Tap hole : 19/64".



Clear 709 spout - 19/64"

ERAH20709C

## Clear adapters



Straight clear spout 19/64", seasonal

ERAH20706C



Straight clear spout 1/4", seasonal

ERAH20707C

# 5/16" SPOUTS | NYLON

WITHOUT  
MOLDING LINE  
WITHOUT  
COMPROMISE



## 705 SERIES

Offered in black, blue or white, these are the most popular H<sub>2</sub>O spouts, because of their high ratio of quality to price.

They are the perfect compromise between an extended lifespan and a perfect seal.

Tap hole : 19/64"



Black 705 spout - 19/64"  
 ERAH20705



Blue 705 spout - 19/64"  
 ERAH20705B



White 705 spout - 19/64"  
 ERAH20705W

## 708 SERIES

With a reduced drilling diameter of 1/4", these spouts will minimize the compartmentalization zone affected by tap holes. The compartmentalization zone is the area of dead wood caused by tapping. The diameter and depth of the tap hole have a direct influence on how large this area becomes. Recent studies have demonstrated that, by switching from a 19/64" to a 1/4" spout, the compartmentalization area decreases by two to three times. If the sustainability of your forest is a priority, 1/4" spouts from our 708 Series is the wise choice.

Tap hole: 1/4"



Black 708 spout - 1/4"  
 ERAH20708



Blue 708 spout - 1/4"  
 ERAH20708-B



White 708 spout - 1/4"  
 ERAH20708W

## 704 SERIES

Time tested field use for many years. Sturdy dual barb tubing hold for all gravity and vacuum installations. Progressive spout shaft can be used with either a 19/64" or 5/16" bit.

Tap hole : 19/64" or 5/16"



Black 704 Du-Eau - 19/64"  
 ERAH20704



Blue 704 Du-Eau - 19/64"  
 ERAH20704B

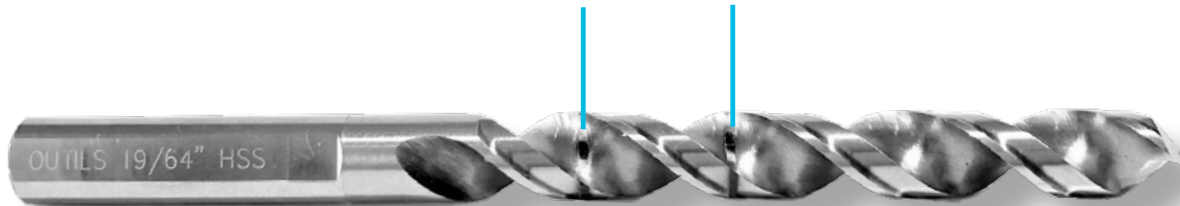
# TAPPING BITS



Sharpened with precision, for neat and precise tapping.  
Laser drawn lines at 1-1/2" and 2".

## Visual guides

2" 1 1/2"



### H<sub>2</sub>O Innovation



#### H<sub>2</sub>O Innovation's tapping bit

ERA412107H	1/4"
ERA412106H	19/64"
ERA412105H	5/16"

### Bolduc



#### Bolduc's tapping bit

ERA412107	1/4"
ERA412106	19/64"
ERA412105	5/16"
ERA412106C	Short bit - 19/64"
ERA412107C	Short bit - 1/4"

### Leader



#### 5/16" Tree Saver Bit, 3 1/2" length

63055	5/16"
-------	-------

Tapping is the most important job of the year in the sugarbush. Start by using the best materials: H<sub>2</sub>O Innovation, Bolduc, and Leader tapping bits are designed to be extremely sharp and provide debris free cleaning.

Studies have shown that taphole depth can play an important role in sap production and overall tree health. Recommended at depths of 1 1/2" to 2" deep, depending on tree size, the H<sub>2</sub>O Innovation bit has two clear depth markers — for the perfect taphole every time.

The H<sub>2</sub>O Innovation bit is engineered with tap consistency in mind. The Leader bit is ideal for smaller trees (10"-12"), improving cleanout speed, and eliminating bark tearing. They also have a reduced head point to prevent the bit from "walking" when starting the hole.



Check out the demo on our YouTube channel!

# EXACTAP

## DEWALT

Compatible Drill Models:  
DCD-796, DCD-797, DCD-996 & DCD-999



4900



Compatible Drill Models:  
2803-20, 2903-20 & 2904-20

## EXACTAP

Designed to perfect and stabilize tap hole drilling. Quick detach tool can be removed after the season and use the drill the rest of the year.

Lightweight design and balanced weight distribution. Will fit popular Dewalt Hammer drills, and compact Milwaukee drills

### CHARACTERISTICS

- Adjustable and customizable pin depth configuration
- Wide chip clean out
- Aluminum body ensuring optimal lightness
- Linear bearings to minimize friction
- Retractable spring lock to close the Exactap for transport or tapping in difficult places
- Polished SS slide rods

## Exactap

Product No.	Description
4900	Exactap - Tapping assist tool for Dewalt
4900M1K	Exactap - Tapping assist tool for Milwaukee 2803-20
4900M2K	Exactap - Tapping assist tool for Milwaukee 2903-20 & 2904-20

\*Please contact us about compatibility with other drill models.



# 5/16" TEES, ADAPTERS



Long female tee-plug 5/16"

ERAH20713



Female tee-plug 5/16"

ERAH20715



Male tee-pin 5/16"

ERAH20714



Red male block-tee, 50/50 left & right

ERAH20714R



Red long female block-tee, 50/50 left & right

ERAH20713R



Red female block-tee, 50/50 left & right

ERAH20715R



Tee with plug  
(compatible with 4715 stubby)

4737



Red dead end tee LEFT

4744L



Red dead end tee RIGHT

4744R



Hooked connector\*

4710

*\*New & Improved! Reduces unwanted tension on mainline entrance fittings. Doubles as a straight connector.*



5/16" End of line hook plug

ERAH20819



Long female black end of line elbow hook

ERAH20817

## Great pair for line termination!



Hook for slide fitting

ERAH2081525



Long female slide fitting for 5/16" tubing

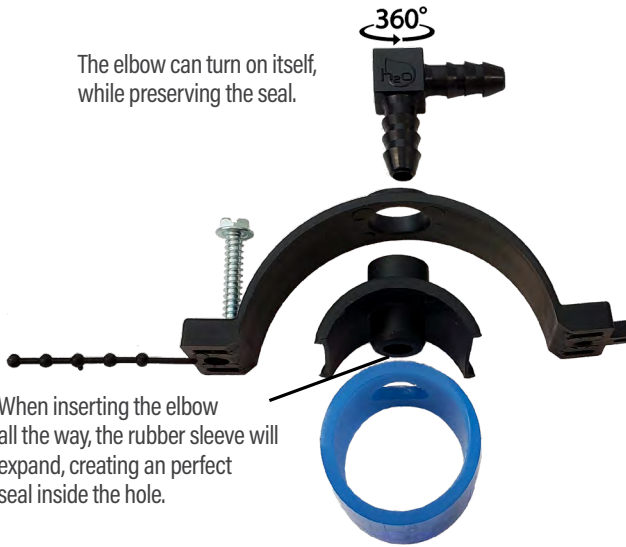
ERAH20815

**DID YOU KNOW?**  
Using dead end tees can save time and money in the woods?

Sap flow for the last tubing loop on the tree is completely shut off and stopped by the fitting. The result is a significant reduction in tubing leaks caused by squirrel chews from the end tree loop.

# MAINLINE ENTRANCE

Renowned for its unparalleled sealing, this saddle ranks among the best, especially when it is used under high vacuum. With its unique rubber seal that follows the shape of the hole on the mainline year after year, it will help you manage leaks over many years.



With the swivel H2O elbow saddle, you can avoid problems that occur when you use a fixed head elbow saddle!

H2O Saddle elbow kits, 15/32" drill

ERAH20820P	3/4"
ERAH20821P	1"
ERAH20822P	1-1/4"

\*Components also sold separately



**STEP 1**  
Insert the rubber in the 15/32" hole previously drilled



**STEP 2**  
Install the saddle around the mainline, and temporarily attach it



**STEP 3**  
Insert the elbow all the way in



**STEP 4**  
Secure with the screw



5/16" Gasket  
ERAH20829



5/16" Elbow  
ERAH20720



Saddle elbow screw  
W-VISZINCP



Saddle clamp  
ERAH20825 3/4"  
ERAH20826 1"  
ERAH20827 1-1/4"



Clamp-Seal mainline entrance fittings, 15/32" drill

4707C	3/4" to 1-1/4" Clamp-Seal
4706G	1" gasket for Clamp-Seal and Quick-Seal
4708G	3/4" gasket for Quick-Seal

# 3/16" FITTINGS

## BENEFITS OF 3/16"

- Creates a natural vacuum
- Improve performance even without a releaser or vacuum pump
- Up to 27 in Hg vacuum potential!  
(A minimum of 30 ft. is necessary to create the highest vacuum effect)



Blue spout 19/64", 3/16"  
ERAH20705-3B



Black spout 19/64", 3/16"  
ERAH20705-3



Leader clear 3/16" spout  
4113



Leader clear-valve spout, 3/16"  
4112



Female tee-plug 3/16"  
ERAH20715-3



Red block-tee 3/16"  
ERAH20715R-3



Reduced elbow 5/16" to 3/16"  
ERAH20720-3



Slide fitting for 3/16" tubing  
ERAH20815-3

## ERAH20712

In recent years, it has been shown that 3/16" diameter tubing helps create additional vacuum upstream when the tube is full. The slope must merely be steep enough so that a vacuum effect is created.

Unfortunately, sugarbushes do not always come with the ideal topography for this type of installation. It is therefore logical to conclude that this effect could be achieved by using 3/16" drops on a 5/16" tubing network.

Recently, some producers have in fact observed that an additional vacuum was indeed created by using 3/16" with a 5/16" lateral. The H2O 712, paired with a 705-3 spout, was designed specifically for this purpose.



3/16" drop for 5/16" lateral  
ERAH20712



3/16" End of line hook plug  
ERAH20818



Hook connector 3/16" to 3/16" tubing  
4100



Elbow saddle kit for for 3/16" tubing, 15/32" drill

ERAH20820-3P	3/4"
ERAH20821-3P	1"
ERAH20822-3P	1-1/4"

# 5/16" TUBING

## 30P Series

Our most rigid tubing formula, ideal for flat woods installations.

This lateral line plastic tubing is made from virgin polyethylene and meets the highest standards for quality maple tubing. With the smoothest interior wall in the maple industry, it is ideal for new, high-output tubing systems looking for maximum flow and optimal sap quality. The ultra-violet characteristic of this plastic tubing allows sunlight to pass through, as the plastic walls are very clear. This limits heating of sap within the tubing system.

### 30P, 5/16" tubing

Product No.	Description
3201PB	Blue 30P Series - H2O Leader 5/16" tubing - 500', 15 years

NOTE: 60 rolls per pallet

## Grip Series

More flexible than our 30P tubing, Grip's locked-on grip helps eliminate fittings pulling apart from tension and stress over years of use. When a tree limb or snow knocks the tubing down, it will spring back close to how it was originally hung.

### Grip, 5/16" tubing

Product No.	Description
3201GRB	Blue Grip Series - H2O Leader 5/16" tubing - 500', 15 years
3201GRRB*	Royal Blue Grip Series - H2O Leader 5/16" tubing - 500', 15 years
3201GRG	Green Grip Series - H2O Leader 5/16" tubing - 500', 15 years

NOTE: 60 rolls per pallet

\*NEW - Available Spring 2024

## UNI 50 Series

This is our newest 5/16" semi-rigid tubing. Flexible enough to be used for drops and strong enough to be used for lateral lines. This tubing can do it ALL!

### UNI 50 semi-rigid 5/16" tubing

Product No.	Description
3201UB	Blue UNI-50 Series - H2O Leader 5/16" tubing - 500', 15 years

NOTE: 60 rolls per pallet



# 5/16" TUBING

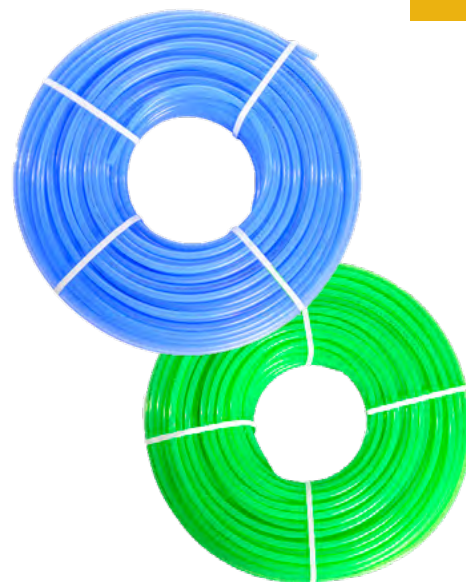
## SR Series

The answer for producers looking for a tubing offering a good compromise between rigidity and flexibility. This tubing is versatile.

### 5/16" Semi-rigid tubing

Product No.	Description
3201SRRB	Royal Blue SR Series - H2O Leader 5/16" tubing - 500', 15 years
3201SRG	Green SR Series - H2O Leader 5/16" tubing - 500', 15 years

NOTE: 60 rolls per pallet



## Flex Series

Our Flex Series tubing has proven itself. Flexible, high-quality formula will maintain wall memory & integrity through rugged, sugarbush conditions, year after year. It also offers an excellent adhesion on fittings which is ideal when making drops.

### 5/16" Flex tubing

Product No.	Description
3201FB	Blue Flex Series - H2O Leader 5/16" tubing - 500', 15 years
3201FY*	Yellow Flex Series - H2O Leader 5/16" tubing - 500', 15 years
3201FGY	Gray Flex Series - H2O Leader 5/16" tubing - 500', 15 years
3201FG	Green Flex Series - H2O Leader 5/16" tubing - 500', 15 years

NOTE: 60 rolls per pallet

\*NEW - Available Spring 2024



See the product on our website

# 5/16" PRE-CUT DROPS & 3/16" TUBING

## Flex 5/16" pre-cut drops

Product No.	Description	Qty. per box
ERACHUTASS	Drops assembly (Per side)	-
3203F36B	Blue Flex Series - H2O Leader 5/16" pre-cut drops - 36"	100
3203F40B	Blue Flex Series - H2O Leader 5/16" pre-cut drops - 40"	100
3203F36GY	Gray Flex Series - H2O Leader 5/16" pre-cut drops - 36"	100
3203F40GY	Gray Flex Series - H2O Leader 5/16" pre-cut drops - 40"	100
3203F36G	Green Flex Series - H2O Leader 5/16" pre-cut drops - 36"	100
3203F40G	Green Flex Series - H2O Leader 5/16" pre-cut drops - 40"	100
3203F36Y	Yellow Flex Series - H2O Leader 5/16" pre-cut drops - 36"	100
3203F40Y	Yellow Flex Series - H2O Leader 5/16" pre-cut drops - 40"	100



### MULTIPLE BENEFITS

- Excellent adhesion on fittings
- Constant diameter
- Always straight
- Resistant & flexible

## Max Flow 50 3/16"

Semi-rigid blend with superior seal strength for the greatest hold on fittings. Enhanced flexibility and retraction memory maintains the tubing's diameter and durability in even the harshest of winter conditions. Can be used as lateral line or in drop line applications. Improved clarity: deep blue color increases woods and sap visibility.



## Max Flow 50, 3/16" tubing

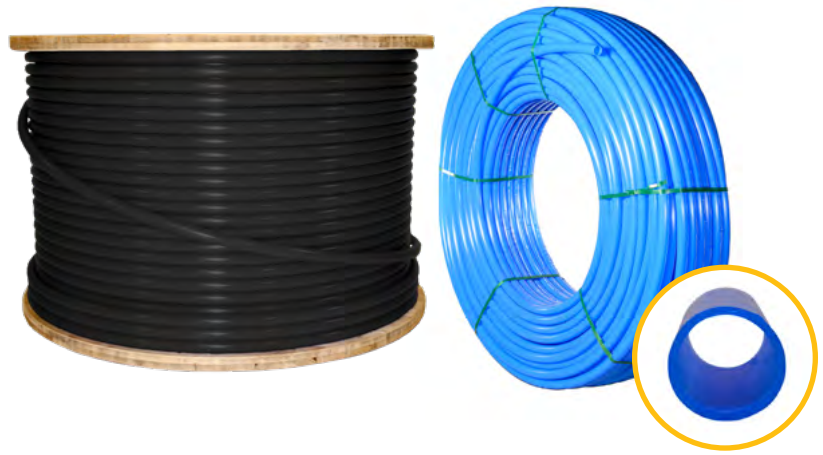
Product No.	Description
3202ARB	Blue H2O Leader Max Flow 50, 3/16" tubing, 800 ft., 15 years
3202AG	Green H2O Leader Max Flow 50, 3/16" tubing, 800 ft., 15 years



## Max Flow 50 3/16" pre-cut drops

Product No.	Description	Qty. per box
3203A36G	Green Max Flow 50 Series - H2O Leader 3/16" pre-cut drops - 36", 15 years	50

# MAINLINE



## Expanded Mainline Options

Our new extruder line (photos at right), added to our existing capacity, has considerably shortened our supply chain. Tubing can now be extruded in up to 2500-foot spools.



### FEATURE

Light blue color allows you to see the sap through

## 30P

- Smooth inner walls for less bacteria buildup
- Light color to see sap movement and to keep it cooler
- LDPE for less thermal expansion

## 25P

- Available in blue, black, and pre-lashed
- MDPE for all installation types

## 20P

- Special formula reduces weight while maintaining rigidity.
- Economical installation solution.
- Deep blue color.



# MAPLE SUGARING KITS & SAP COLLECTION



**MAKE YOUR OWN  
MAPLE SYRUP!**

**BUCKET MAPLE SUGARING KIT**



Photo credit: Josée Desjardins

## INCLUDED

- Tapping bit
- Thermometer
- 10 x 5/16" Spouts
- 10 Buckets
- 10 Bucket lids
- Syrup filter
- 3 Leaf bottles with caps (250 ml)
- User Guide



Bucket maple sugaring kit - 10 taps  
ERA-SIROPI0

## TRADITIONAL SAP COLLECTION



5/16" Tree Saver spout  
ERAPB-TSS



Sap bucket - 2 US gal. (8 3/4" dia.)  
ERAPB2-PSB



Sap bucket - 3 US gal. (10-1/4" dia.)  
5609



Bucket cover (10" x 10") - 2 US gal.  
ERAPB-PSBL-2

Bucket cover (12" x 12") - 3 US gal.  
ERAPB-PSBL-3



# FLAT WOODS & LIFTING SAP

## UTILIZE 3/16" TUBING AND H2O SADDLES TO IMPROVE SAP LADDERS

Nick Wendel of Wendels Maple and More, in East Concord NY, has been using our saddles and 3/16" tubing to lift sap with vacuum and increase flow with the smaller diameter tubing. Sap lifts of this kind can be an effective way to get sap out of the woods when trees are below grade.

**Lift sap up to 16 feet!**



Check out the video on our YouTube channel!

**QUESTIONS ABOUT LIFTING SAP?**

**ASK AN EXPERT, WE'RE HERE TO HELP!**



Saddle elbow kits (see page 11)

## MAINLINE STARS - SAP LADDER FITTINGS



3-way star 5/16" x 1/2" NPT

ERAMJM753



4-way star 5/16" x 1/2" NPT

4765



6-way star 5/16" x 1/2" NPT

ERAMJM756



Soft cap for plastic barb fittings

4766

5/16"

4766A

1/2"

# STAINLESS STEEL FITTINGS



Stainless steel end hook



S/S Barb Tee



Stainless steel male adapter, ins. X MPT



S/S Barb Coupling



S/S Barb Y



S/S Barb Adapter x MPT



S/S Ball Valves with Barbs



Stainless steel sanitary quick connector (alone or in kit)



S/S Barb Reducing Y



Stainless steel coupler



Stainless steel Y



Stainless steel tee

**PLEASE CONTACT A LOCAL DEALER!**



100% stainless steel heavy duty clamps



100% stainless steel clamps



Y (plastic)



Mainline tee

## SPOUT PULLERS



Aluminum spout puller

ERA41271824	15"
ERA41271827	27"
ERA41271836	36"
ERA41271828	48"



Double hybrid spout puller

ERA412718401	15"
ERA412718402	27"
ERA412718403	36"
ERA412718404	48"



Steel double spout puller, pocket-size 8"

ERA41271854



Universal 15" spout puller

ERA412718561

## PLIERS & ACCESSORIES



Automatic tension cut vacuum plier

ERA41271919



Stainless steel wire tie installation hook

ERA41271927	0 - 1 <sup>1</sup> / <sub>4</sub> "
ERA41271928	0 - 2"



Aluminum wire tie installation hook

ERA41271926	0 - 1 <sup>1</sup> / <sub>4</sub> "
ERA41271925	0 - 2"

*\*To use for mainline broaching on galvanized wire*



Deluxe installation pliers with knife and flaring

ERA41271101



Manual cut vacuum plier

ERA41271921



Deluxe installation pliers with knife

ERA41271106



# PRUNO TOOLS



## PLIERS



Compact plier with blade

ERA41271050



Deluxe installation tool  
(without blade and flaring)

ERA41271130



Light tubing plier with blade

ERA41271108



Automatic adjustment repair tool

ERA41271401



Light tubing plier

ERA41271109



\*NEW - 4 function stripping plier

ERA41271209



Manual adjustment repair tool

ERA41271441

## MAINLINE PLIERS



Mainline pliers

ERA41271500 3/4" - 1"

ERA41271510 1" - 1-1/4"

ERA41271520 1-1/4" - 1-1/2"

ERA41271530 1-1/2" - 2"

ERA41271532 1" - 2"

## 3/16" TOOLS



Compact insertion pliers with knife 3/16"

ERA412710501



Compact insertion pliers 3/16"

ERA412710551



Compact insertion pliers 3/16"

ERA412710651

## PUNCHES



Hole punch tool 31/64" red for 881

ERA41271300



Red drill bit with handle 31/64"

ERA41271301



Green hole punch tool 15/32" for 820 & 821

ERA41271310



Green drill bit with handle 15/32"

ERA41271311



Green bit for mainline punch - 15/32"

47720



Yellow drill bit with handle 5/16"

ERA41271331



Drill bit 31/64"

ERA41271302



Drill bit 15/32"

ERA41271312

# LOAC TOOLS



## PLIERS



Universal installation clamp  
plier 5/16" aluminum

ERA412941



Universal plier 3/16"

ERA412942

## SPOUT PULLERS



Paint spout puller

ERA412950 30"

ERA412951 48"



Rotating spout puller

ERA412922R 20"

ERA412923R 30"

ERA412924R 40"



Spout puller (all sizes)

ERA412921 20" (XS)

ERA412922 22.5" (S)

ERA412923 30" (M)

ERA412924 40" (L)

ERA412925 48" (XL)

ERA412926 60" (XXL)

## HAMMERS



Bark chipping hammer 10"

ERA412914



2-faced hammer

ERA412911

## MISC. TOOLS



Side tie adjuster

ERA412932 22.5"

ERA412933 30"



Cut flow plier

ERA412943

## SPARE PARTS



ERA412901



ERA412940-1

LOAC repair parts

ERA412901 Foam handle

ERA412940-1 3/16 & 5/16 blade

ERA412940-2 LOAC magnet for plier

ERA412940-3 Bolt and spring

ERA412940-4 Shaft

# TOOLS

## ASSEMBLY



One-hand tubing fitting assembly tool

4791A

## CUTTERS



Kwik-cut mainline cutter, large

4795 L | 1/8" x 1-5/8"

4796 XL | 1/8" x 1-7/8"



Tubing cutter for 5/16 tubing

4790 Small & efficient

## HAMMERS



Metal handle, metal head

4603



Nylon handle, metal head

4601



Wooden handle, plastic head

4600



Wooden hammer

ERA412MARTEAUC

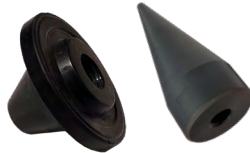


H2O pressure gauges, 2.5", back mount, glycerine 1/4 NPT, s/s

FLOY63BL-30 -30 psi

lower mounts

FLOY63BTL-30 -30 psi



Pressure gauge adapter

ERAMJM884

ERA41271942 cone 1/4" NPTF



Orange apron with 6 pouches

ERA412TAB6



Tension hooks

ERA41271904

ERA41271905 5/16" & 3/16"



Non-toxic paint | Nelson

NELPN201 Red

NELPN211 Orange

NELPN212 Yellow

NELPN213 Blue



Flagging tape

RVE-30 Yellow

RVE-20 Orange

RVE-70 Green

RVE-50 Red

RSE-10 Pink/Black

# Mainline Tubing Spooler



- ✓ Heavy duty frame and wheels
- ✓ Can also be used as a log hauler
- ✓ Ball bearing rollers with tensioner
- ✓ Adjustable arms for multi-use tubing and wire spinning
- ✓ Expandable spooler for large size rolls
- ✓ All stainless steel spinner
- ✓ T-Handle threaded tighteners
- ✓ Square box frame and spooler for superior rigidity



Product No.	Description
4950	Mainline Tubing Spooler



Spinning wire spooler w/ adjustable break  
4729



Vertical tubing spooler  
ERA41271635



All stainless steel tubing spooler  
4731



Hand-tying tool - 17 ga. wire ties  
4771



Deluxe automatic wire twister  
ERA412169973



Automatic wire tying tool  
4782



Mainline level hooks  
ERA41271902



High-tensile wire cutter  
4794



Wire tensioning handle  
4728



Wire tension tool #9 & 12 with spring  
ERA41271576

## Adapter Separator

**4 USES!**  
**ADAPTER  
 SEPARATOR,  
 PULLER, SCRAPER  
 & TAPPING  
 HAMMER**

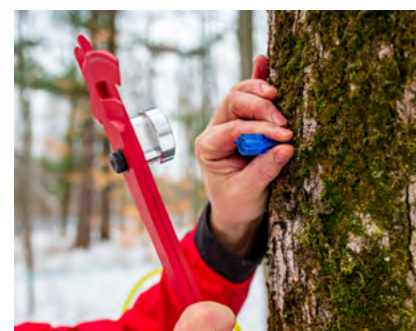
### FEATURES

- ✓ Equalized, engagement pressure pops stubby's loose with ease
- ✓ Lightweight & foldable aluminum design
- ✓ Protective coating for harsh environments
- ✓ Secondary spout puller and hammer

Product No.	Description
4905	Adapter separator tool



Check out the video on our YouTube channel!



## Woods Gear

### DESIGNED FOR ACTIVE SUGARMAKERS!

- ✓ Simple, comfortable harness base – Customizable pocket placement. Heavy Duty Nylon
- ✓ Individual pockets. – Spouts, tees, connectors. You name it. A variety of sizes so everything has its place.
- ✓ Individual Bags – Easy to change and replace if one wears out.
- ✓ Velco Covers – Keep debris and snow out – no more stretchy tops that open up over time
- ✓ Trek with ease – Pockets adjust to the side when walking making it easy to move through deep snow

### Woods Gear

Product No.	Description
3150	Harness with 2" strap & Buckle
3160	Large Bag
3165	Medium Bag
3170	Small Bag
3175	Tiny Holster
3151	Tapping Kit: Includes harness, a small bag, a large bag and a tiny holster
3152	Maintenance Kit: Includes harness, 4 small bags and 2 tiny holsters
3153	Deluxe Kit: Includes harness, 2 small bags, 2 large bags and 2 tiny holsters



Wood Gear's Harness



Left side



Right side



# FENCING

## Mainline support wire & galvanized side tie wire

Product No.	Dimensions
ERABRCAR9-50	Mainline support wire # 9 - 50 lbs aluminium clad steel
ERABRCARGALV9-50	Mainline support wire # 9 - 50 lbs galvanized steel clad (strongest / high tensile)
ERABRUNI9-50	Mainline support wire # 9 - 50 lbs galvanized steel - 900 ft. approx
ERABRUNI12-10	Side tie wire # 12 - 10 lbs - 345 ft. approx.
ERABRUNI12-50	Side tie wire # 12 - 50 lbs - 1735 ft. approx.
ERABRUNI14-10	Side tie wire # 14 - 10 lbs - 580 ft. approx.
ERABRUNI14-50	Side tie wire # 14 - 50 lbs - 2 465 ft. approx.
4725	Mainline wire, 12.5 ga., 50lbs - 1 925 ft. approx.



## Wire ties 16 & 17 ga.

Product No.	Dimensions
4768	4" for tubing 1/2" (17 ga.)
4769	5" for tubing 3/4" (17 ga.)
4770	6" for tubing 1" (17 ga.)
4770A	8" for tubing 1 1/4" - 1 1/2" (17 ga.)
4770C	10" for tubing 2" (17 ga.)
4770D	12" for tubing 2"+ (17 ga.)
4763	8" for tubing 1 1/4" - 1 1/2" (16 ga.)
4769A	6" for tubing 1" (16 ga.)



## Wire ties 18 ga.

Product No.	Dimensions
ERABRTWIS5	5 1/2" for tubing 3/4"
ERABRTWIS6	6" for tubing 1"
ERABRTWIS7	7" for tubing 1 1/4"
ERABRTWIS8	8" for tubing 1 1/2"
ERABRTWIS10	10" for tubing 2"
ERABRTWIS12	12"
ERABRTWIS14	14"



ERABRTWIS6

## Splices & Gripples

Product No.	Dimensions
ERAEPIS9	Splice for #9 wire (per pair) - Orange
ERAEPIS10	Splice for #10 wire (per pair) - Black
ERAEPIT9	Head splice #9 (per unit)
ERAEPIT-10	Head splice #10 (per unit)
ERAGRIP12	Gripping #12 850 lbs - Medium
ERAGRIP9	Gripping #9 1200 lbs - Large
4724	Gripping #12 1/2
ERA412PINGRIP	Gripping pliers

50 /box



ERA412PINGRIP



ERAGRIP9



ERAEPIS9



Lag Bolt with Insulator

4722

## Tension grip

Product No.	Dimensions
ERATENSION-3/4	3/4"
ERATENSION-1	1"
ERATENSION-1 1/4	1" 1/4
ERATENSION-1 1/2	1" 1/2
ERATENSION-2	2"



## Wire tensioners

Product No.	Description
4727	12 1/2 or 9 Ga. Wire Tensioning Device
4730	Stainless steel tensioning device. Ideal for 1 1/4"+ mainline

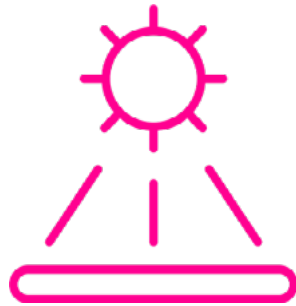


4727



4730

# SOLAR POWERED SENSOR



INTRODUCING THE FUTURE:  
**SOLAR-POWERED** sensors with cutting-edge capacitor technology!

## Uninterrupted Performance with Capacitor Innovation

Discover a revolutionary way to power your sensors with clean, renewable energy. Say goodbye to battery replacements and downtime. Our advanced capacitor technology in our solar-powered sensor stores energy efficiently, providing reliable power even when the sun isn't shining.

This breakthrough ensures uninterrupted data collection and transmission, making our sensors the ideal choice for critical applications. Enjoy continuous, hassle-free operation while contributing to a sustainable future.



See the product on our website



# SOLAR POWERED SENSOR

## KEY BENEFITS:

### 1. LONGEVITY:

The combination of solar energy and capacitor technology extends the lifespan of our sensors, saving you maintenance costs in the long run.

### 2. ECO-FRIENDLY:

Make a positive impact on the environment by choosing our green technology. Reduce waste from disposable and lithium rechargeable batteries and decrease your carbon emissions.

### 3. COST EFFICIENCY:

Experience significant cost savings over time, with reduced battery purchases and maintenance expenses.

### 4. RELIABILITY:

Our sensors are designed to withstand various environmental conditions, ensuring data accuracy and dependable performance.

### 5. VERSATILITY:

Suitable for a wide range of applications - from agriculture to industrial monitoring, smart cities to environmental research - our solar-powered sensors adapt to your needs.

## DID YOU KNOW?

Lithium-Ion rechargeable batteries average life span is 5 years. Even combined with solar-powered technology, you will need to change them in time. Our new capacitor has a lifespan of 20 years!



# WEB 3.0 APPLICATION

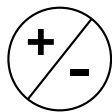
The new web 3.0 application launched before 2022 season was a total success. This platform is simple to use, reliable, and makes navigation easy. The H2O Monitoring system gives you 24/7 real-time access to your sugarbush's key data. This is making you understand your tubing network and pumping stations to allow you to increase your performance and your profit.

The H2O Monitoring system has multiple sensors connected via a one-step installation procedure. Data can then be consulted using the Android application provided or remotely from the Web 3.0 application if the system is configured to send information to the cloud.

## Web 3.0 application compatibility:

iPhone

android



### DIFFERENTIAL TOOL

Allowing to see all at once tables of vacuum classified by pumping station.



### ADVANCED ALARM MANAGEMENT

allowing to receive text messages & automated calls according to the user needs.



### FAST SYSTEM

Data refresh speed is customizable and allows the user to configure and tune the system to his own liking.



### CHARTS

allowing you to analyze and target your problems with significant data.



### OPERATIONS AUTOMATION

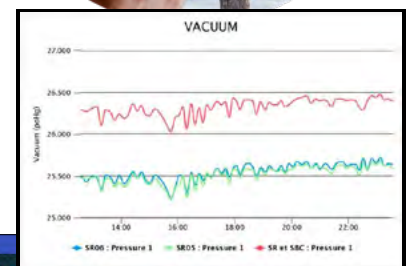
to facilitate the maple syrup producer's repetitive tasks.



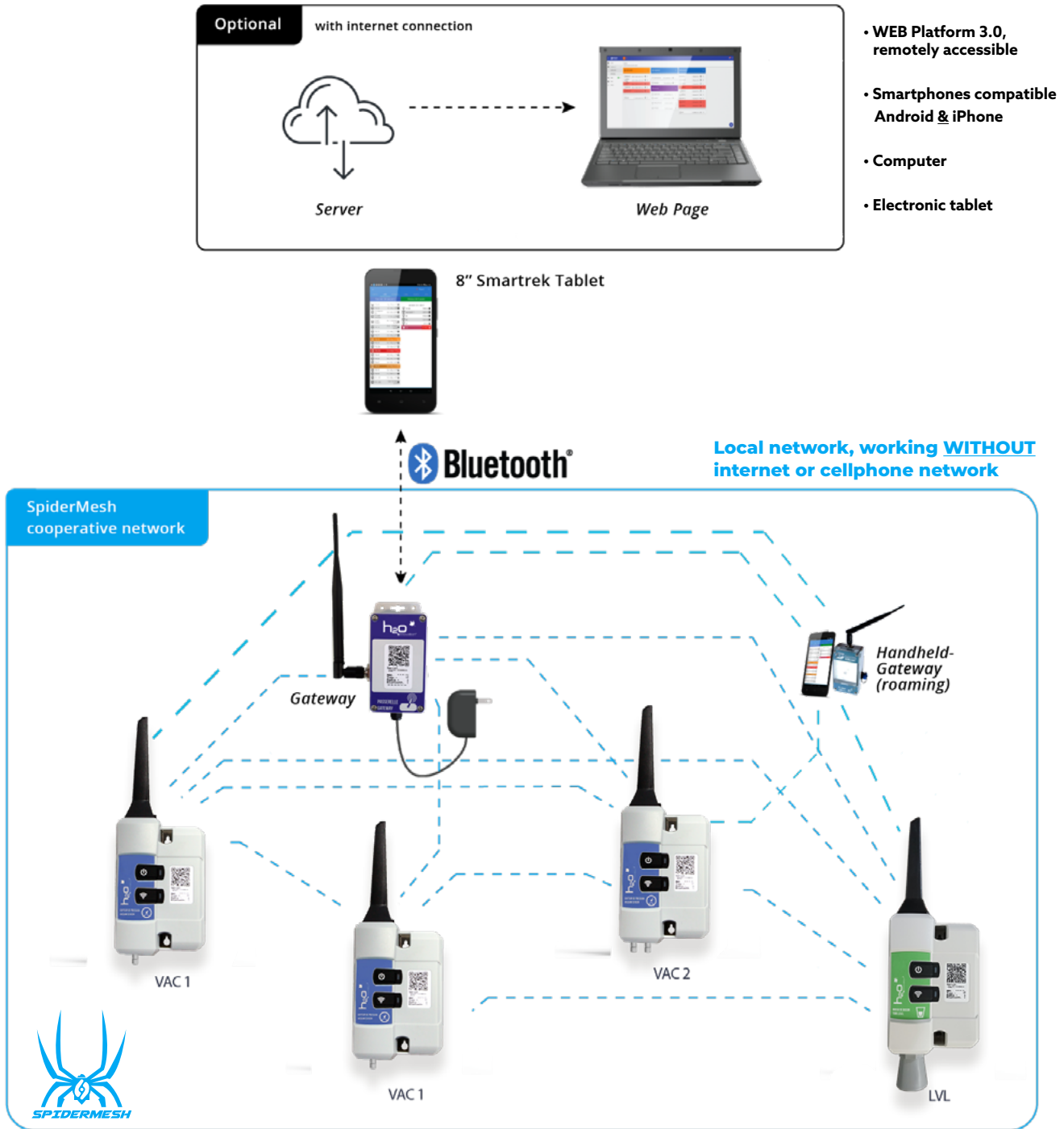
### INTERACTIVE SATELLITE MAP



### TASK CALENDAR



# COMMUNICATION DIAGRAM



The H2O Monitoring radio wave communication system is very high performance. Indeed, two devices can communicate on more than 6 miles (10 km) away from each other in direct line of sight (without obstruction). In a maple grove, they will easily communicate together at a distance of of 1 000 feet (300 m). During installation, it is easy to determine if the communication is sufficient simply by watching the flashing LED on the device!

# STARTER KITS

The starter kit is the heart of the H2O Monitoring system. The long-range gateway acts as a base by receiving all information from the network. The electronic tablet displays the data on its application. The system works without Internet or cellular network. To use the new 3.0 Web Platform, connect the tablet to the WiFi network. This way, it will be possible to access your system from outside your sugarbush and to enjoy the most advanced features of the 3.0 Web Platform.

## PREMIUM *package*

- Starter kit including long range gateway, electronic tablet and programming
- Vacuum sensor
- Indicating outside temperature
- Ultrasonic tank level sensor
- Control remotely 2 electrical devices
- Many inputs for optional readings (water meter, ammeter, mechanical meter)



### SMART-CONTROL

- Electronic tablet
- Long range gateway
- Vacuum sensor
- Indicates outside temperature
- Multifunction control sensor to remotely activate 2 electrical devices
- Many inputs for optional readings (water meter, ammeter, mechanical meter)



### SMART-STATION

- Electronic tablet
- Long range gateway
- Vacuum sensor
- Indicates outside temperature
- Ultrasonic tank level sensor



### SMART-KIT8

- Electronic tablet
- Long range gateway

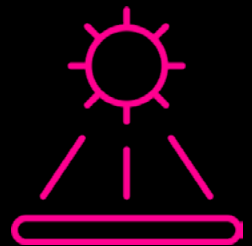


# STARTER KITS - SOLAR POWERED



## PREMIUM *package*

- Starter kit including long range gateway, electronic tablet and programming
- Solar vacuum sensor
- Indicating outside temperature
- Ultrasonic tank level sensor
- Control remotely 2 electrical devices
- Many inputs for optional readings (water meter, ampmeter, mechanical meter)



### SMART-CONTROL-S

- Electronic tablet
- Long range gateway
- Solar vacuum sensor
- Indicates outside temperature
- Multifunction control sensor to remotely activate 2 electrical devices
- Many inputs for optional readings (water meter, ampmeter, mechanical meter)



### SMART-STATION-S

- Electronic tablet
- Long range gateway
- Solar vacuum sensor
- Indicates outside temperature
- Ultrasonic tank level sensor



# MONITORING



Product No.	Description
SMART-VAC1	Single port vacuum sensor
SMART-VAC2	Double port vacuum sensor
SMART-VAC3	Triple port vacuum sensor
SMART-VAC1-S	Single port vacuum sensor - Solar powered
SMART-VAC2-S	Double port vacuum sensor - Solar powered

## CHARACTERISTICS

The vacuum sensor records the vacuum level in real-time. It allows you to quickly identify problems in your tubing network so that you can fix them. Batteries are included.



Tether strap for sensor

SMART-ATTACH

## CHARACTERISTICS

Tether strap for H2O Monitoring sensor. 48 inches of overall length, it also has a quick release buckle for an easy installation.



Plumbing kit to connect a vacuum sensor to the extractor

PARP4MCB4	Tubing connector - polypropylene 1/4 NPT x 1/4 insertion
SSF304A05002	Stainless steel tee 1/4" FPT
SSF304480CL	Stainless steel nipple 1/4"



Monitoring system installation

SMART-INSTALLATION

## CHARACTERISTICS

Deployment of the system by an H2O technician, sensor installation in the sugarbush and network roll-out.

Not included: connection to the vacuum sensor, electrical connection for pump starter.



# MONITORING

## SAP LEVEL MONITORING



Ultrasound tank level



Stainless steel support for SMART-LVL



Piezometers - Closed tanks/silo

## GATEWAYS, ACCESSORIES & REPEATERS



Gateway



Antenna extension



Electronic Tablet



Repeaters



D Battery

## SPECIFIC APPLICATION SENSORS



\*Optional float & wire

Digital input



Flowmeter

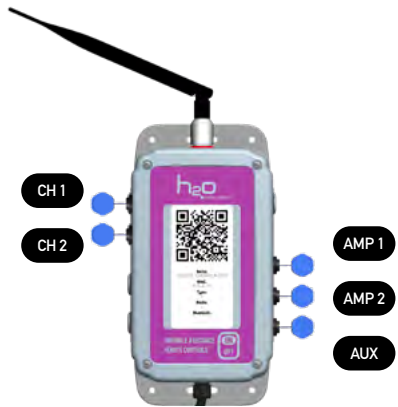


4-20mA transmitter



Pressure sensor (psi)

# MULTIFUNCTION CONTROL, ACCESSORIES & VALVES



Multifunction control

## CHARACTERISTICS

The multifunction control allows to remotely control two different electrical devices (vacuum pump, transfer pump, electrical valves, etc.).

This device also collect other important information for the maple syrup producer, such as the readings of a water meter, the amperage of a motor and the status of a mechanical float.



Valve controller  
ERAPRMAP-CONT-VAL



3-way ball valve



Butterfly valve



Ball valve



Relay 24V  
WAG788312



Ammeter  
ERAPRMAP-C



Mechanical float  
ERAPRMAP-F



Flowmeter  
ERAPRMAP-EKM-150



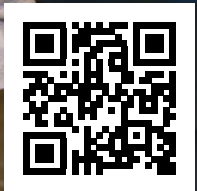
# **YOUTUBE CHANNEL**

## **DEMOS, TIPS AND TRICKS**

### **Explore our YouTube channel!**

Filled with useful information, tutorials, and tips to increase your yields and maximize the value of your equipment investments.

We also regularly feature successful maple operations. Want to be a maple star? Reach out and let us know!



## **CUSTOM TURNKEY PROJECTS**

Contact us first!

Our experienced design teams can help you create the maple operation of your dreams. Our skilled engineers, technicians, and industry experts have the tools you need to maximize your success, no matter the size of your operation.

Our team can help you with :

- Sugarhouse layout and design
- Tubing configuration and installation
- Product sizing
- Equipment startup and calibration
- Electrical components

## **FINANCING OFFERED**

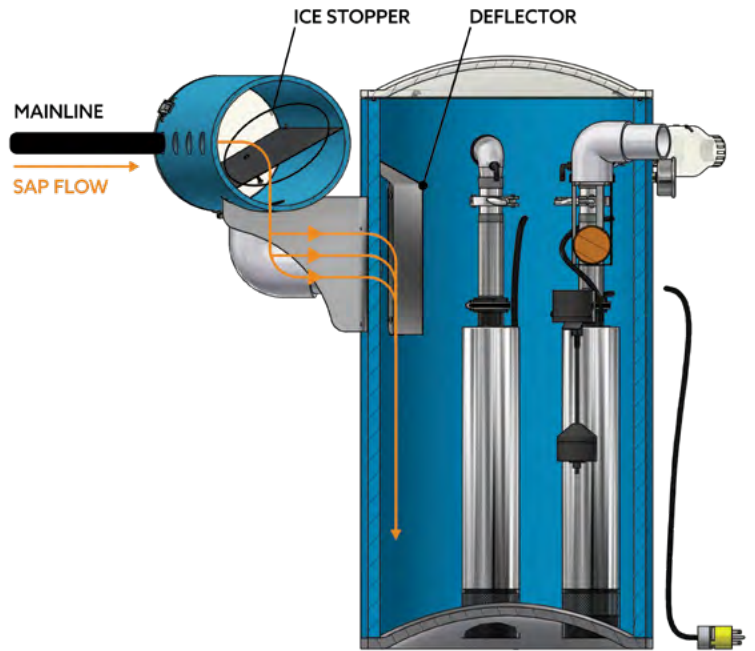


# EXTRACTORS

## ELECTRIC EXTRACTORS

12" x 36" Vertical & 12" x 30" Horizontal

These small extractors are designed to reach high levels of vacuum. Size options up to 5000 taps where flow is 15 gallons per minute. The top lid offers an easy access to the internal components so it allows for quick and efficient cleaning. Automatic rapid draining bottom valve for security and seamless operation.



ERARELH201236HVC



ERARELH201236HVC-M



ERARELH201236HVC-M

**DID YOU KNOW?**

A mechanical releaser is the greatest cause of leaks in your maple operation!

Technical information: 0.5 HP pump = 4.6 AMP at 230V | 1 HP pump = 8.6 AMP at 230V



ERARELH201230HVC-H



ERARELH201230HVC-HM

# EXTRACTORS

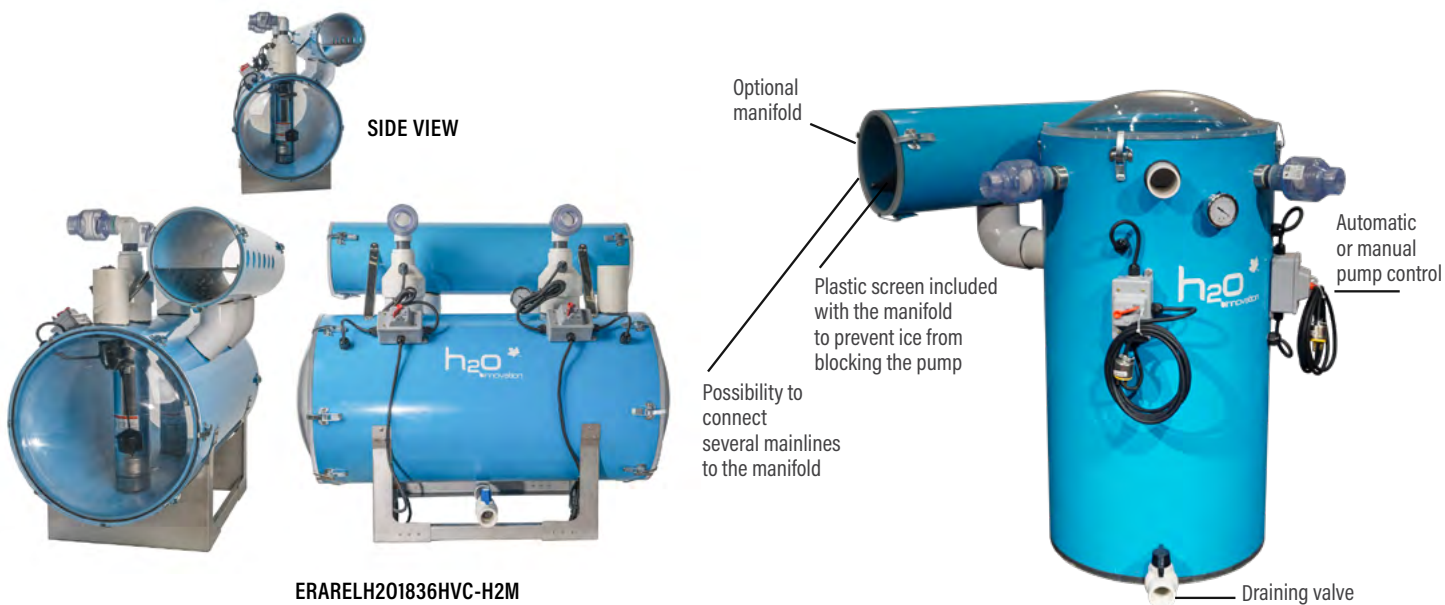
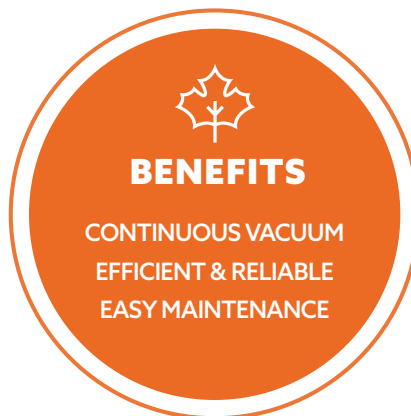
## ELECTRIC EXTRACTORS

18" x 36" Vertical & Horizontal

### 1836 Extractors

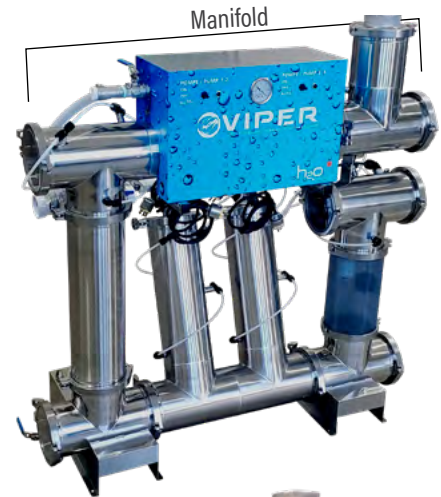
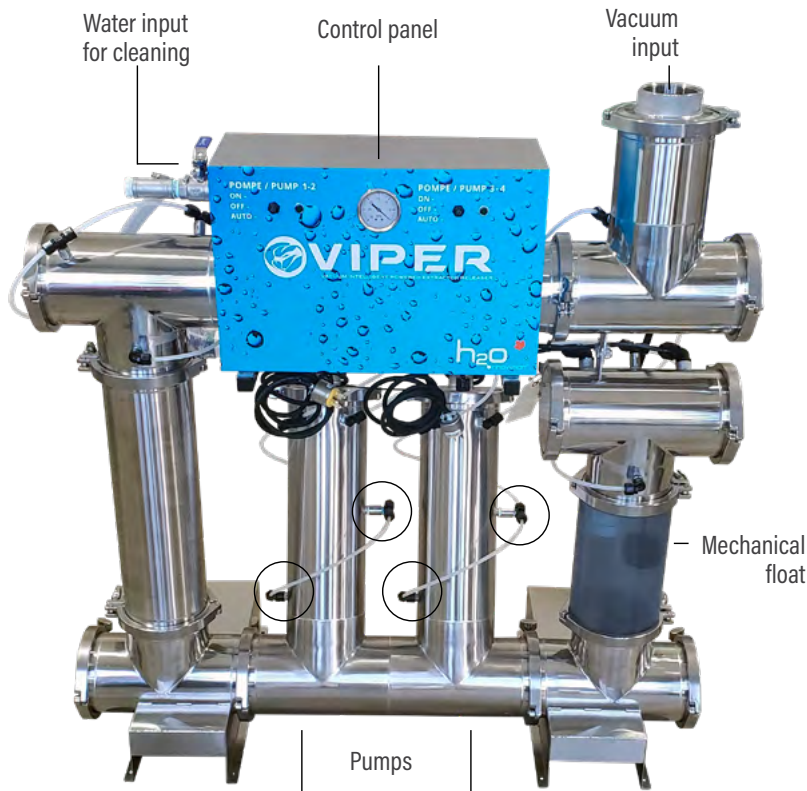
For bigger sugarbushes, the 18" models can go up to 20 000 taps. Available either horizontal or vertical and ranging from 1 to 4 pumps, these very sturdy extractors are designed to offer high vacuum efficiency that will meet your high yield expectations.

Available with or without manifold, each extractor's capacity depends on the number of pumps the model has. Each of these pumps is made for approximately 5 000 taps. Each manifold is now designed with a plastic screen to protect the extractor's mechanical components.



PART #	ORIENTATION	EXTRACTOR SIZE	PUMP SIZE	MANIFOLD	INLET HEIGHT	INLET HOLES (THREADED)	NUMBER OF PUMPS	SPEED & LIFT	TAPS/PUMP	MAX TAPS
1236	Vertical	12" x 36" (6"x27" manifold)	1/2 HP Standard (1 HP optional)	NO/YES	21" (27" w/ manifold)	2x2" (5x 1/4" manifold)	1	1/2 HP - 15gpm 10ft lift (1 HP - 15gpm 30ft lift)	2500- 3500	2500- 3500
1230	Horizontal	12" x 30" (6"x27" manifold)			21" (24" w/ manifold)	5 11/4"	1			2500- 3500
1836	Vertical	18" x 36" (8"x36" manifold)			21 1/2" (34" w/ manifold)	2 x 11/4" (6 x 11/4" w/manifold)	1, 2, or 3			7500- 10500
1836	Horizontal	18" x 36" (8"x36" manifold)			23 1/2" (31 1/2" w/ manifold)	6 x 11/4"	1, 2, 3, or 4			10000- 16000

# VIPER ELECTRICAL EXTRACTORS



6-INCH  
SAP FLOW  
SIGHT  
TUBE



ERARELV-9000

## VIPER EXTRACTOR

Made entirely of stainless steel, this is the absolute pinnacle of extractors on the market. Pump capacity can easily be expanded from 1 to 4 pumps, allowing you to grow your operation in place. Designed for high, continuous vacuum operation, the VIPER is a must have for serious sugarmakers.

### Stainless steel extractors with integrated washing system

Product No.	Description	Dimensions	Capacity	Pumping elevation	Sap inlet height	Input
ERARELV1	1-pump VIPER s/s extractor ½ HP	48" L x 46" H x 20" P	28 inHg	10 feet	38,4"	4 x 2" FNPT
ERARELV2	2-pump VIPER s/s extractor ½ HP	48" L x 46" H x 20" P	28 inHg	10 feet	38,4"	6 x 2" FNPT
ERARELV3	3-pump VIPER s/s extractor ½ HP	60" L x 46" H x 20" P	28 inHg	10 feet	38,4"	6 x 2" FNPT
ERARELV4	4-pump VIPER s/s extractor ½ HP	72" L x 46" H x 20" P	28 inHg	10 feet	38,4"	10 x 2" FNPT
ERARELV1-10	1-pump VIPER s/s extractor 1 HP	48" L x 46" H x 20" P	28 inHg	30 feet	38,4"	4 x 2" FNPT
ERARELV2-10	2-pump VIPER s/s extractor 1 HP	48" L x 46" H x 20" P	28 inHg	30 feet	38,4"	6 x 2" FNPT
ERARELV3-10	3-pump VIPER s/s extractor 1 HP	60" L x 46" H x 20" P	28 inHg	30 feet	38,4"	10 x 2" FNPT
ERARELV4-10	4-pump VIPER s/s extractor 1 HP	72" L x 46" H x 20" P	28 inHg	30 feet	38,4"	12 x 2" FNPT
ERARELV-9000	Viper option - Vacuum entry with stainless steel finger float (automatic pump shut off)					



POMPE / PUMP 1-2  
ON - OFF - AUTO

POMPE / PUMP 3-4  
ON - OFF - AUTO

**VIPER**  
VACUUM INTELLIGENT POWERED EXTRACTOR RELEASER

h2o  
innovations

# MECHANICAL & ELECTRIC SAP EXTRACTORS

## BHR Mechanical sap extractors

Product No.	Dimensions	Tap capacity	Manifold	Sap inlet height	Vacuum pump outlet
<b>VERTICAL</b>					
ERABER211	Vertical double 8" x 16"	1 000	6" x 18" 4 x 1"	2 x 2" 18" High	1 1/2"
64236	Vertical double 12" x 18"	2 500	6" x 27" 4 x 1"	2 x 2" 18" High	1 1/2"
<b>HORIZONTAL</b>					
ERABER218	Horizontal double 12" x 18"	4 000	6" x 36" 8 x 1" 1/4	2 x 3" 20" High	2"



64236



ERABER211



ERABER218



Stainless steel releaser support for tank (adjustable height)  
\*other tank width available on request

Product No.	Dim.
PFHSUPREL48-AJUST	48"
PFHSUPREL60-AJUST	60"
PFHSUPREL72-AJUST	72"



66314



66314D

## AIRABLO Electrical Horizontal Extractors

Product No.	Dimensions	Tap capacity	Manifold	Sap inlet height	Vacuum pump outlet
66314H	1-pump Airablo horizontal extractor 1 HP	5000	6" x 12" 4 x 1"	1 x 2" 20" High	1 1/2"
66314	1-pump Airablo horizontal extractor 2 HP	10 000	6" x 18" 4 x 1"	2 x 2" 18" High	1 1/2"
66314D	2-pump Airablo horizontal extractor 2-2 HP	15 000	6" x 36" 8 x 1" 1/4	2 x 3" 20" High	2"

PLEASE ASK ABOUT OUR VFD OPTIONS

For use with high vacuum systems. Designed for use at 28" Hg. Now available with VFD.



# MOISTURE TRAPS

## VORTEX



Vortex moisture trap from H2O Innovation is a high security product that protects your vacuum pump. It isolates the most important element of your pumping station against water and humidity, even at high vacuum.

VORTEX technology captures water and moisture particles to redirect them to the bottom of the trap. Equipped with a float, the Vortex moisture trap will automatically stop your vacuum pump when the sap level is problematic. After stopping the pump, it can drain by itself, then restart the vacuum pump.

By its robust design, the VORTEX moisture trap is an essential accessory to have in your pumping station.



ERARELTR1227P

### VORTEX moisture trap

Product No.	Description
ERARELTR1227	Vortex electric moisture trap 3" output, with foam 12" x 30"
ERARELTR1227P	Vortex electrical moisture trap with safety kit

### Vortex electrical moisture trap with safety kit

- › Keep the vacuum pump running when the trap is draining

### Standard moisture trap

Product No.	Description
ERARELTR827	Single moisture trap   8" x 27", 2" output
64182	Moisture trap 10" x 24" electric - CFM rating 60



ERARELTR827

# VACUUM KIT PART NUMBER SELECTION TOOL



## COMPLETE KIT

- Dimensions: 73" H x 58" L x 23" D
- Robust steel skid
- VORTEX moisture trap
- VFD or Starter
- All connections included

## OPTIONS

- Start & stop with Thermostat
- Antifreeze automatic modulating of vacuum
- Safety kit for vortex moisture trap
- H2O Monitoring vacuum sensor

**CHOOSE  
YOUR PUMP!**

VACUUM KIT PART NUMBER SELECTION TOOL				
VACUUM PART NUMBER CLASSES	KIT OR PARTS	HP	POWER	OPTION
4102	1	8.6	V	A
4101 : KWIK 4102 : ATLAS GVS 4103 : ATLAS DZS	1 : Complete kit (Frame assembly, moisture trap and piping) 0 : Parts only	1.216A : HP (Atlas only) 1.225A : HP (Atlas only) 2 : HP 3 : HP 5 : HP 7,5 : HP 8,6 : HP (Atlas only) 10 : HP (KWIK only)	S : Starter (240V Single phase vacuum pump) V : VFD (variable frequency drive for three phase vacuum pump)	T : Thermostat A : Antifreeze



Oil-lubricated, KWIK vacuum pumps by H2O Innovation are high-performance pumps and can reach an incredible vacuum level close to the absolute vacuum (up to 29.9 inHg).

### CHARACTERISTICS

- High performance
- Very compact
- Quiet in operation
- Low maintenance
- In-house H2O Innovation technicians for the best after-sales service

## KWIK Rotary vane vacuum pumps - EMR Series (Single phase 220V motor)

Product No.	Description	Oil change (Qty.)
EM-R0040	KWIK rotary vane vacuum pump, 2HP single phase 220V motor- 13CFM @ 20 InHg, max 29.9 InHg, air intake 1-1/4"	1qt
EM-R0063	KWIK rotary vane vacuum pump 3HP single phase 220V motor - 18CFM @ 20 InHg, max 29.9 InHg, air intake 1-1/4"	2qt
EM-R0100	KWIK rotary vane vacuum pump 5HP single phase 220V motor - 28CFM @ 20 InHg, max 29.9 InHg, air intake 1-1/4"	3qt
EM-R0165	KWIK rotary vane vacuum pump 7.5HP single phase 220V motor - 52CFM @ 20 InHg, max 29.9 InHg, air intake 2"	3qt

Product No.	Description	Oil change (Qty.)
EM-R0040-3	KWIK rotary vane vacuum pump, 2HP three phase 208V motor- 13CFM @ 20 InHg, max 29.9 InHg, air intake 1-1/4"	1qt
EM-R0063-3	KWIK rotary vane vacuum pump 3HP three phase 208V motor - 18CFM @ 20 InHg, max 29.9 InHg, air intake 1-1/4"	2qt
EM-R0100-3	KWIK rotary vane vacuum pump 5HP three phase 208V motor - 28CFM @ 20 InHg, max 29.9 InHg, air intake 1-1/4"	3qt
EM-R0165-3	KWIK rotary vane vacuum pump 7.5HP three phase 208V motor - 52CFM @ 20 InHg, max 29.9 InHg, air intake 2"	3qt
EM-R0302-3	KWIK rotary vane vacuum pump, 10HP three phase 208V motor - 89CFM @ 20 InHg, max 29.9 InHg, air intake 2"	5qt

\*\* A three-phase motor must be paired with the use of a variable-frequency drive (VFD) unless having a three-phase electrical input \*\*

**NOTE: KWIK pumps have other voltages available on request**

# GVS PUMPS

Atlas Copco



## BENEFITS YOU CAN COUNT ON!

- Easy installation with its compact design not taking a lot of room
- High reliability thanks to its robust design and optimal oil retention at all the operating pressures
- Low maintenance & minimal wear with the drive shaft optimally selected speeds
- Low noise & vibrations when operating throughout the pressures range

## READY TO USE

Oil lubricated rotary vane vacuum pumps from the GVS Series come complete with all the options and all the accessories you need for a general application of vacuum & can easily reach up to 29.9 inHg. This technology of pump that can get to the highest vacuum level on the market. If you have unique vacuum needs, please contact your H2O Innovation representative to help you to choose the best custom solution.



## GVS Series | Oil lubricated rotary vane pumps

Product No.	Description	HP	Max Vacuum	Capacity (CFM)	Air inlet	Dimensions	Weight (lbs)	Oil volume
8153316222	GVS 16 A 1PH 230V	1.2	29,9 inHg	11	1/2" FNPT	17" x 11" x 9"	55	2L
8153316230	GVS 16 A 3PH 230/380/460V	1.2	29,9 inHg	11	1/2" FNPT	17" x 11" x 9"	55	2L
8153316248	GVS 25 A 1PH 230V	1.2	29,9 inHg	17	1/2" FNPT	17" x 11" x 9"	55	2L
8153316255	GVS 25 A 3PH 230/380/460V	1.2	29,9 inHg	17	1/2" FNPT	17" x 11" x 9"	55	2L
8153316263	GVS 40 A 1PH 230V	2	29,9 inHg	31	1-1/4" FNPT	22" x 11" x 12"	99	1L
8153316297	GVS 40 A 3PH 230/380/460V	2	29,9 inHg	31	1-1/4" FNPT	22" x 11" x 12"	99	1L
8153316321	GVS 60 A 3PH 230/380/460V	3	29,9 inHg	42	1-1/4" FNPT	24" x 13" x 10"	115	2L
8153316354	GVS 100 A 3PH 230/380/460V	5	29,9 inHg	69	1-1/4" FNPT	33" x 16" x 11"	205	2L
8153316396	GVS 200 A 3PH 230/380/460V	7,5	29,9 inHg	130	2" FNPT	43" x 21" x 16"	353	5-9L
8153316438	GVS 300 A 3PH 230/380/460V	8,6	29,9 inHg	200	2" FNPT	43" x 22" x 18"	495	8.5-11.5L

## Accessories

Product No.	Description
1630204901	Oil for Atlas Copco GVS 1 l
3001170154	Maintenance kit GVS 16-25A (filtration)
3001170155	Maintenance kit GVS 40A
3001170156	Maintenance kit GVS 60A
3001170157	Maintenance kit GVS 100A
3001170158	Maintenance kit GVS 200A
3001170159	Maintenance kit GVS 300A
AIR01280534	Screw-on oil filter

**NOTE:** Kits include: spring, exhaust filter, O-ring & gasket.

## Exhaust filters

Product No.	Description
3001170182	Exhaust filter for GVS16A - GVS25A
3001170183	Exhaust filter for GVS40A
ATL3001170184	Exhaust filter for GVS60 (x1) & GVS100A (x2)
3001170185	Exhaust filter for GVS200A (x4)
3001170186	Exhaust filter with bypass for GVS300A (x3)

# DZS PUMPS

Atlas Copco



## GREEN AND CLEAN PERFORMANCE

The DZS Series is a stainless steel dry claw vacuum pump series. It is however a high end model that can reach up to 28,4in Hg. It's a pump technology that is clean, easy maintenance and safe for the environment.

### DZS Series | Dry claw stainless steel vacuum pumps

Product No.	Description	HP	Max Vacuum	Capacity (CFM)	Air inlet	Dimensions	Weight (lbs)	Oil vol.
8153644326	DZS 065V UL/cUL 230/460/60	3	28,4 inHg	48	1-1/4" NPT	36" x 16" x 22"	265	1L
8153644334	DZS 150V UL/cUL 230/460/60	5	28,4 inHg	108	1-1/4" NPT	37" x 16" x 22"	353	1L

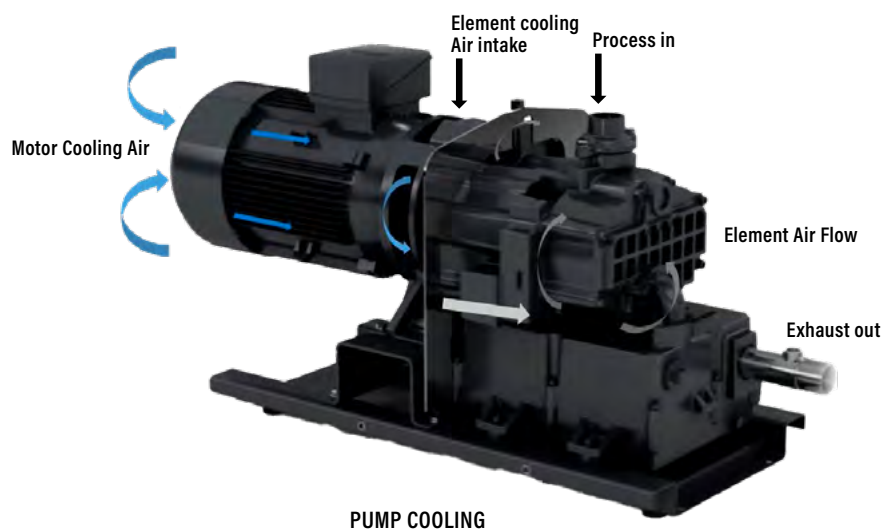
### Accessories

Product No.	Description
1630112600	Oil for Atlas Copco DZS 20 l



#### INCLUDED WITH PUMP

- TEFC drive motor
- Stainless steel claws
- Awning attenuating noise
- Inlet filter
- Safety relief valve
- Intake silencer



# GHS PUMPS

Atlas Copco



## OIL-SEALED ROTARY SCREW VACUUM PUMPS | GHS SERIES

- Easy installation thanks to its compact design that takes little room
- High reliability through its robust design and optimal oil retention at all operating pressures
- Low maintenance & wear due to its optimally selected drive shaft speeds
- Low noise & vibrations when operating throughout the pressure range

### GHS Series | Oil-sealed rotary screw vacuum pumps

Product No.	Description	HP	Max Vacuum	Capacity (CFM)	Air inlet	Dimensions	Weight (lbs)	Oil vol.
8153614076	GHS 350VSD+ AC 460V/3PH IEC-UL/CUL	75	29,9 inHg	230	DN80	51" x 35" x 43"	1,210	16L
8153638504	GHS 350VSD+ AC 460V/1PH IEC-UL/CUL	75	29,9 inHg	230	DN80	51" x 35" x 43"	1,210	16L
8153614094	GHS 585VSD+ AC 460V/3PH IEC-UL/CUL	10	29,9 inHg	330	DN80	51" x 35" x 43"	1,210	16L
8153638522	GHS 585VSD+ AC 460V/1PH IEC-UL/CUL	10	29,9 inHg	330	DN80	51" x 35" x 43"	1,210	16L
8153614102	GHS 730VSD+ AC 460V/3PH IEC-UL/CUL	15	29,9 inHg	430	DN80	51" x 35" x 43"	1,232	16L
8153638530	GHS 730VSD+ AC 460V/1PH IEC-UL/CUL	15	29,9 inHg	430	DN80	51" x 35" x 43"	1,232	16L

#### INCLUDED

- Variable speed control
- Elektronikon MK5 graphic controller
- Plug & Play design
- Premium efficiency TEFC engine
- Air inlet filter
- IP54 Controls
- Vacuum synthetic fluid

**NOTE: Adapter flanges will be required for connection to NPT piping.**

#### Accessories

Product No.	Description
1630390257	Oil filter for GHS pump 350 - 585 - 730
1630390408	Air filter for GHS 585
1630112600	Synthetic Atlas Oil for GHS, 20 l
2901990076	V111 filter kit (75 HP 350)
2901990077	V111 filter kit (10 HP 585)
2901990078	V111 filter kit (15 HP 730)
1312101297	Transformer 208V 20 KVA for GHS350 and GHS585
1312101298	Transformer 230V 20 KVA for GHS350 and GHS585
1280564803	Transformer 575V 20 KVA for GHS350 and GHS585
1312101299	Transformer 208V 27 KVA for GHS730
1312101301	Transformer 230V 27 KVA for GHS730
1330100702	Transformer 575V 20 KVA for GHS730
ERAATLFLANGE3PO	3" NPT inlet flange
FNWNA1RG116M	3" flange gasket
ADAPATLAS-2	Exhaust flange with gasket and bolts

# GAS VACUUM PUMPS

## FLOOD SYSTEM WITH OIL COOLING KIT

These rotary vane vacuum pump systems are driven by belt and pulley from a gas motor, and come with an oil reclaiming system to be installed on the exhaust of the vacuum pump.

Unlike traditional drip oiling systems found on most rotary vane pumps the flood system injects a stream of oil into the housing to create additional lubrication, cooling, and higher vacuum.



64370K

### Flood system vacuum pump with cooler

Product No.	Description
64370K	Airablo 3/4 HP electric vacuum pump with cooler
64375K	5.5 HP, Gas ES engine, recommended for 1 000 taps sugarbush
64250K	9 HP, Gas ES engine, recommended for 3 000 taps sugarbush
64127	Gas oil cooler kit

**NOTE: All Airablo products available**

### CHARACTERISTICS

- 27 inches+ vacuum levels
- Reclaims 95% of the oil
- No heated rooms or constant water supply required
- Designed for the intense, 24-hour use of maple syrup producers

### INCLUDED

Complete with a vacuum regulator, check valve, one season supply of oil, and oil filters. Moisture trap is included!

***We service and repair vacuum pumps!***



64375K

# BOSWORTH MINI-VAC



## Guzzler® BOSGE-0501N (120V)

### FEATURES

- ✓ Single Diaphragm
- ✓ Up to 400 taps
- ✓ 120 vac
- ✓ 24 vdc available



BOSGE-0501N



BOSG2-0501N

## Guzzler® BOSG2-0501N (120V)

Twice the capacity of a single diaphragm pump

### CHARACTERISTICS

- ✓ Up to 28 in Hg (with wet valves)  
(up to 25 in Hg for 24 vdc pumps)
- ✓ Works without a sap extractor
- ✓ Creates vacuum and transfers sap (can run dry or wet)
- ✓ Available with efficient 120 vac single phase motor or 24 vdc motor
- ✓ 1-1/4 in NPT Female inlet/outlet hose connection
- ✓ Easy to use and maintain
- ✓ Ships with spare diaphragms
- ✓ Optional new longer-lasting diaphragm can last a season or more!



## Guzzler® BOSG4-0501N

### FEATURES

- ✓ Four Diaphragms
- ✓ Up to 1,800 taps
- ✓ 120 vac

**24V PUMP**  
AVAILABLE  
ON REQUEST  
(FOR BATTERY USE)

### Spare parts

Product No.	Description
ERAP07090-02	Replacement Buna-N diaphragm
ERAP0G500	Replacement Buna-N diaphragm & Valve Set
ERAG500UVSSET	Umbrella Valve Set/Silicone (pair)
ERAP07090-05	Longer-lasting Santoprene diaphragm

NOTE: Recommended inlet filter for better service life of ERARONPREF diaphragms





# AUTOMATIC VACUUM CONTROL ANTIFREEZE

## Antifreeze

With a device like the Antifreeze from H2O Innovation, it is finally possible to control the vacuum level of your pump depending on the outside temperature. According to precise internal sensors, it will control the vacuum level to avoid freezing in the collection network, autonomously, and adjustable according to the installation. Why make it complicated when it can be simple!

Maintain a high vacuum level! This is what all the experts have been telling us for a few years. However, obtaining the "high vacuum" highlighted the weaknesses of the collection system. Field observations made it possible to see that the "high vacuum" creates more leaks in the network, especially when going from -25inHg to -28inHg.

As the vacuum increases, the number of micro-leaks also increases. In addition, when the air enters a vacuum system, the air cools instantly, and freezes the sap before the air temperature outside reaches the freezing point. The ultimate goal is therefore to reach the highest possible vacuum, without exposing yourself to potentially freezing your mainlines.



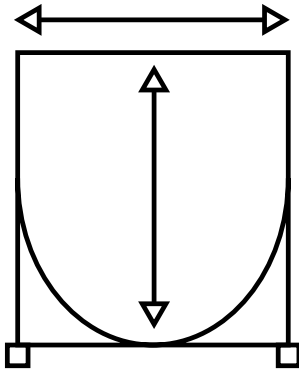
### Automatic and modulating vacuum control: Antifreeze

Product No.	Description
Z100105	Automatic vacuum control - 1/2" valve for 1.5HP to 10HP single phase motors (controlled leak)
Z100110	Automatic vacuum control - 1" valve for multiple pumps system - single phase motors (controlled leak)
Z100507	Automatic vacuum control - 2" valve for VFD with 3-phase motors (controlled vacuum)
Z100507GHS	Automatic vacuum control - for Atlas Copco GHS pump (controlled leak)

#### INCLUDED

- User friendly controller
- Motorized valve
- Temperature probe with 23 ft cable
- Vacuum transducer

# TANKS

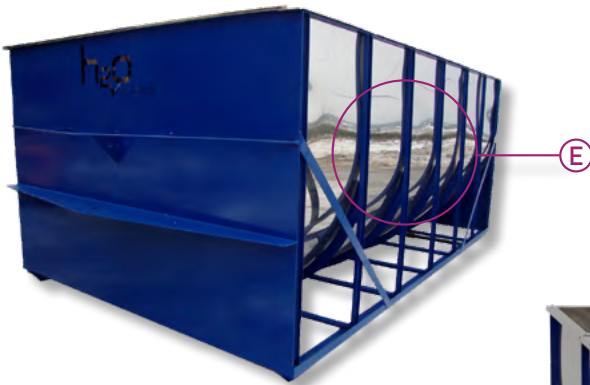
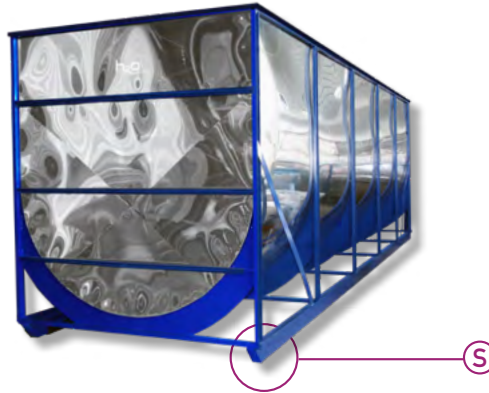


Robust 304 20 ga. stainless steel sap tanks are designed to offer guaranteed strength & durability!

- 120 to 13 000 gal. US capacity
- From 2 feet to 10 feet wide
- Up to 7 feet tall and 32 feet long
- Available on 4-inch skids and reinforced every 24 inches
- Premium paint quality for increased rust resistance
- Can be personalized with your company name
- Available in blue color standard or red, subject to availability (-R)

## CHARACTERISTICS

- **S** = Skids (raised), to ease mobility and to solidify the structure on uneven flooring
- Includes a 2" drain



## CHARACTERISTICS

- **E** = Vertical reinforcements at each 2' for increased rigidity
- Includes a 3" drain

## CHARACTERISTICS

- **H** = 6" raised frame for easy piping installation to drain out the front
- Includes a 2" drain



## CUSTOM TANKS!

We offer customization with your company name on our tanks. Call us for more details!



# Mini MicRO



## Mini MicRO 110V RO

- Removes approx. 62% of the water from sap = from 2% to 5.2% sugar in one pass.\*
- 31 gallons per hour throughput.
- Runs on 110-volt, 8.4-amps.
- Built for mobility with rugged, dual carry handles.
- Super quiet operation.
- High-flow 20-inch membranes.
- Includes pressure gauge and flow meter, with a concentrate dial for brix adjustment.
- Auto shutoff and pump override feature for startup, to prevent malfunctions.
- Designed for producers with under 250 taps.

**Just 70 lbs.  
Built for mobility.**

Product No.	Description	Gal./hr	Membranes	Recirc. pump	Amps. / Volts
700009A	Leader Mini MicRO	31	2 x 20"	-	8.4/110
700009C	Leader Mini MicRO with integrated recirculation pump	35	2 x 20"	1/2 HP	10/110
700009R	Leader Mini MicRO recirculation pump (only)	35	-	1/2 HP	1.5/110
130453MM	Leader Mini MicRO wash tank and valve kit	-	-	-	-

\*With the recirculation. The performance increase to 35 gallons per hour and Brix to 6.2 %.



CHECK OUT THE MINI MICRO  
VIDEO ON YOUTUBE

# SMALL OSMOSIS

## MicRO

### CHARACTERISTICS

- 24" Wide - 14" Deep - 54" Tall
- Fully stainless steel frame
- Easy-change pre-filter housing
- Fast wash cycle
- Plug and process plumbing, only 1 valve!
- 2%-8% in one pass, self heating water wash cycle
- Simple operation!

## Benefits of an RO

Few things can transform a sugaring operation like reverse osmosis (RO). According to scientific studies, RO can reduce energy usage by up to 90% when compared with evaporation alone.

The implementation of reverse osmosis can result in profit increases of over 20%.



## Micro Wash Tank and Valve Kit

A game changer of an add-on for our popular MicRO2. Easy to install, it adds a flexible, fast way to wash your RO with just a few valve twists. It will save you time and money, and keep you on a steady boil all season long.

MicRO wash tank and valve kit

130453P Wash tank and valve kit

## Start-up kit

A plumbing kit with everything that is normally needed for the recommended installation such as: braided hose, valve, tee, strainer, hose clamp, adaptor, chemical products and maintenance.

Start-up kit

700000 Start-up kit

Product No.	Description	Gal./hr	Membranes	Pressure pump	Recirculation pump	Amps. / Volts
700010A	MicRO1 reverse osmosis system	80/100	1 x 4"	1 HP	1 HP	10/230
700012A	MicRO2 reverse osmosis system	100/120	2 x 4"	1 HP	1 HP	10/230
700013A	MicRO3 reverse osmosis system	160/180	3 x 4"	1 HP	1 HP	10/230
700010W	MicRO1 with installed wash tank and valve kit	80/100	1 x 4"	1 HP	1 HP	10/230
700012W	MicRO2 with installed wash tank and valve kit	100/120	2 x 4"	1 HP	1 HP	10/230
700013W	MicRO3 with installed wash tank and valve kit	160/180	3 x 4"	1 HP	1 HP	10/230
703379	MicRO1 to 2 post add on	100/120	2 x 4"	1 HP	1 HP	10/230
703379A	MicRO2 to 3 post add on	160/180	3 x 4"	1 HP	1 HP	10/230

# SMALL OSMOSIS

## MINI RO 4

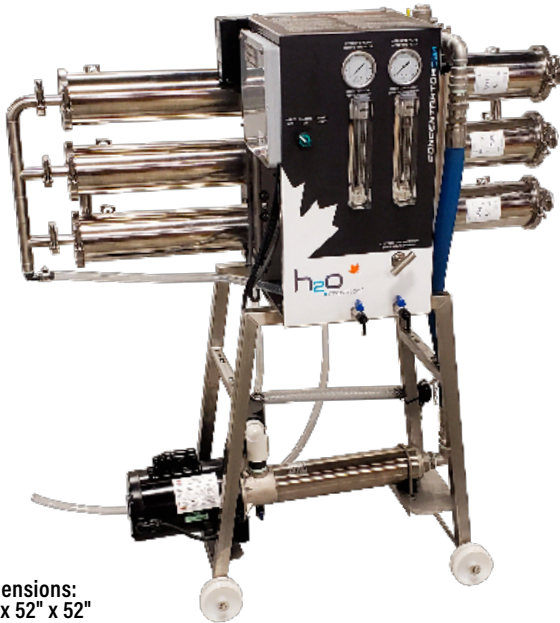


The Mini RO 4 is a small concentrator on wheels built with the same components as the higher gallon concentrators. Its performance allows it to filter up to 100 gallons per hour. Easy to use, the Mini RO 4 is compact and requires a low energy consumption.

- 52" x 23" x 32"
- New sturdy vessel, 4" tri-clamp
- Washing tub included
- Removes up to 70% of water
- Can go up to 8° Brix
- Automatic shut off when out of water

PFH-MINI-RO-24

Product No.	Description	Gal./hr	Membranes	Pressure pump	Amps. / Volts
PFH-MINI-RO-4	Mini RO 4 with 4" membrane	100	1 x 4"	1.5 HP	11/230
PFH-MINI-RO-24	Mini RO 4 with 2 x 4" membrane	200	2 x 4"	2 HP	12/230



Dimensions:  
30" x 52" x 52"

PFH-CONCENTRATOR300

## CONCENTRATOR

The Concentrator is a small reverse osmosis system developed to concentrate between 200 and 300 gallons / hour at up to 12° Brix thanks to its independent recirculation pump. Everything has been thought of so you can save: its initial cost is low, it consumes very little energy and it is quite compact.

The concentrator has been completely redesigned. Membrane vessels are now entirely made of stainless steel, the permeate and concentrate piping are also in welded stainless steel. The assembly & disassembly are simple and efficient. With its new configuration it will allow you to expand your operation as it's easy to modify your concentrator and go from 2 to 3 membranes.

Product No.	Description	Gal./hr	Membranes	Pressure pump	Recirc. pump	Amps. / Volts
PFH-CONCENTRATOR200/240V	Concentrator 200 with 2 x 4" membrane	200	2 x 4"	1.5 HP	1/2 HP	13/240
PFH-CONCENTRATOR300/240V	Concentrator 300 with 3 x 4" membrane	300	3 x 4"	1.5 HP	1/2 HP	16/240



# ECONOX

The Econox line is designed for producers between 1 000 to 15 000 taps

- Compact, takes less than 5 sqft<sup>2</sup> of floor surface
- Very simple to operate
- Fast clean & rinse
- Best recirculation on the market
- Best quality/price ration on the market
- Easy to install
- Automatically stops during power surge or motor fault, low temperature or low pressure
- Full stainless steel frame

## CHARACTERISTICS

- Modular design: 1 to 6 membranes
- Electropolished stainless steel vessels
- Quick wash in 45 minutes
- System: 72" H x 27" L x 28" D
- Vessel: 54" H x 21" L x 13" D
- Easy installation
- Power input: 1 ½" (38 mm) and 2" (50,8 mm) for 2000 model
- Permeate output: 1" (25 mm)
- Concentrate output: 1" (25 mm)
- Drain: 1" ½ (38 mm)

## INSTRUMENTATION

- Temperature control
- Pressure switch
- Prefilter pressure gauge AV/AP
- Membrane pressure gauge
- System state indicator:
  - Operating
  - Low pressure
  - High temperature
  - Motor fault



Integrated wash tanks and valves

Quick & complete vessel and osmosis drainage

# ECONOX

## ECONOX 600

The Econox 600 osmosis is the smallest in the big league! This unit will allow you to save lots of time and energy and space to store maple sap in the sugarhouse. You will have peace of mind with the legendary efficiency and reliability of this machine.

Product No.	Flow gal./hr	Avr. Brix	Membranes	5HP pressure pump	Feed pump	Booster pump	Amps. / Volts
SPH-ECO18ERA12	550	-	0	10 GPM	1 HP	-	29.5/240
PFH-ECO18ERA12	550	8	1	10 GPM	1 HP	-	35/240
PFH-ECO28ERA12	850	12	2	10 GPM	1 HP	-	41/240
PFH-ECO38ERA12	800	16	3	10 GPM	1 HP	-	48/240

\*Includes 1 electrical outlet for pressure vessels, add 1x SPH-ECX-09-SORADD for each additional output\*



1 OUTLET

## ECONOX 1200

Many options are available for this osmosis category of Econox. It all depends on the number of taps as well as the desired yield during the sugaring season. This machine will allow you to concentrate at a higher level because of its configuration allowing you to connect membranes in parallel or in series to get a higher flow. Initially designed for three membranes. You can start with only one membrane, but can go up to six with the High Brix option!

Product No.	Flow gal./hr	Avr. Brix	Membranes	7.5HP pressure pump	Feed pump	Booster pump	Amps. / Volts
SPH-ECO38ERA20	1200	-	0	20 GPM	2 HP	-	42.5/240
PFH-ECO18ERA20	550	8	1	20 GPM	2 HP	-	49/240
PFH-ECO28ERA20	950	12	2	20 GPM	2 HP	-	55/240
PFH-ECO38ERA20	1200	14	3	20 GPM	2 HP	-	62/240
PFH-ECO48ERA20	1300	16	4	20 GPM	2 HP	-	68/240
PFH-ECO48ERA20-B1	1100	20	4	20 GPM	2 HP	1 HP	78/240

\*Includes 3 electrical outlets for pressure vessels, add 1x SPH-ECX-09-SORADD for each additional output\*



3 OUTLETS

## ECONOX 2000

With all the advantages of the Econox 1200, this unit will treat a very impressive amount of sap. With its 5 HP feed pump a 7.5 HP pressure pump that can go up to 2000 gallons per hour. The Econox 2000 is built with a stainless steel prefilter vessel containing 3 cartridges.

Our team of experts will help you determine the best possible strategy for your business. This model is the highest performing in its category and we are very proud of it! This category fills a dire need for a mid size maple syrup producing business!

Product No.	Flow gal./hr	Avr. Brix	Membranes	7.5HP pressure pump	Feed pump	Booster pump	Amps. / Volts
SPH-ECO68ERA30	2000	-	0	30 GPM	5 HP	-	34/240
PFH-ECO48ERA30	1600	15	4	30 GPM	5 HP	-	60/240
PFH-ECO58ERA30	1800	15	5	30 GPM	5 HP	-	67/240
PFH-ECO68ERA30	2000	15	6	30 GPM	5 HP	-	73/240
PFH-ECO68ERA30-B2	1700	20	6	30 GPM	5 HP	2 HP	85/240

\*Includes 6 electrical outlets for pressure vessels, add 1x SPH-ECX-09-SORADD for each additional output\*



6 OUTLETS



# SUPRA

The Supra is state of the art Membrane Filtration technology, this machine is built for performance. Achieving between 2000 & 8000 GPH, with or without High Brix, and also with the possibility of full automation the Supra is the leader for efficiency and performance. The Supra series also include a cartridge filter housing for the concentration and one for washing.

## CHARACTERISTICS

- Modular design: 4 to 24 membranes
- Electropolished stainless steel vessels
- Quick wash in 45 minutes
- 1200 - 4000 System: 74" H x 80" L x 40" D
- 6000 - 8000 System: 74" H x 80" L x 46" D
- Cart for vessel: 61" H x 19" L x 56" D
- Easy installation
- Power input: 3" (76 mm)
- Drain: 3" (76 mm)

## SUPRA 1200

Supra 1 200 includes 1 High pressure pump of 20 GPM, for a total input flow between 1 000 and 1 600 gph, 2 to 4 membranes. Includes one feed pump 2 HP, and 3 cartridge filter housing of 5 round (2 concentration, 1 wash)

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-SUP38ERA20	1200	14	3	1x 20 GPM	1x2 HP	-	62/240
PFH-SUP48ERA20	1300	16	4	1x 20 GPM	1x2 HP	-	68/240

## SUPRA 2000

Supra 2000 includes 1 High pressure pump of 30 GPM, for a total input flow between 1 600 and 2 300 gph, 4 to 6 membranes. Includes one feed pump 5HP, and 2 cartridge filter housing of 5 round (1 concentration, 1 wash)

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-SUP48ERA30	1600	15	4	1x30 GPM	1x5 HP	-	60/240
PFH-SUP58ERA30	1800	15	5	1x30 GPM	1x5 HP	-	67/240
PFH-SUP68ERA30	2000	15	6	1x30 GPM	1x5 HP	-	73/240
PFH-SUP68ERA30-B2	1700	20	6	1x30 GPM	1x5 HP	2 HP	85/240



# SUPRA

## *SUPRA 2400*

The Supra 2400 includes 2 High pressure pumps of 20 GPM, for a total input flow between 2 000 and 2 600 gph, 6 to 9 membranes. Includes two feed pumps 2 HP, and 3 cartridge filter housing of 5 round (2 concentration, 1 wash)

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-SUP68ERA40	2000	16	6	2 x 20 GPM	2x2 HP	-	133/240
PFH-SUP78ERA40-B2	2000	22	7	2 x 20 GPM	2x2 HP	2 HP	151/240
PFH-SUP88ERA40	2600	16	8	2 x 20 GPM	2x2 HP	-	146/240
PFH-SUP98ERA40-B2	2400	22	9	2 x 20 GPM	2x2 HP	2 HP	164/240

## *SUPRA 4000*

The Supra 4 000 includes 2 High pressure pumps of 30 GPM, for a total input flow between 3 000 and 4 000 gph, 6 to 12 membranes. Includes one feed pump 7.5 HP, and 3 cartridge filter housing of 5 round (2 concentration, 1 wash)

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-SUP88ERA60	3200	16	8	2 x 30 GPM	1x7.5 HP	-	150/240
PFH-SUP108ERA60	3600	16	10	2 x 30 GPM	1x7.5 HP	-	163/240
PFH-SUP108ERA60-B2	2600	22	10	2 x 30 GPM	1x7.5 HP	2 HP	174/240
PFH-SUP128ERA60	4000	16	12	2 x 30 GPM	1x7.5 HP	-	176/240
PFH-SUP128ERA60-B2	3000	22	12	2 x 30 GPM	1x7.5 HP	2 HP	187/240

## *SUPRA 6000*

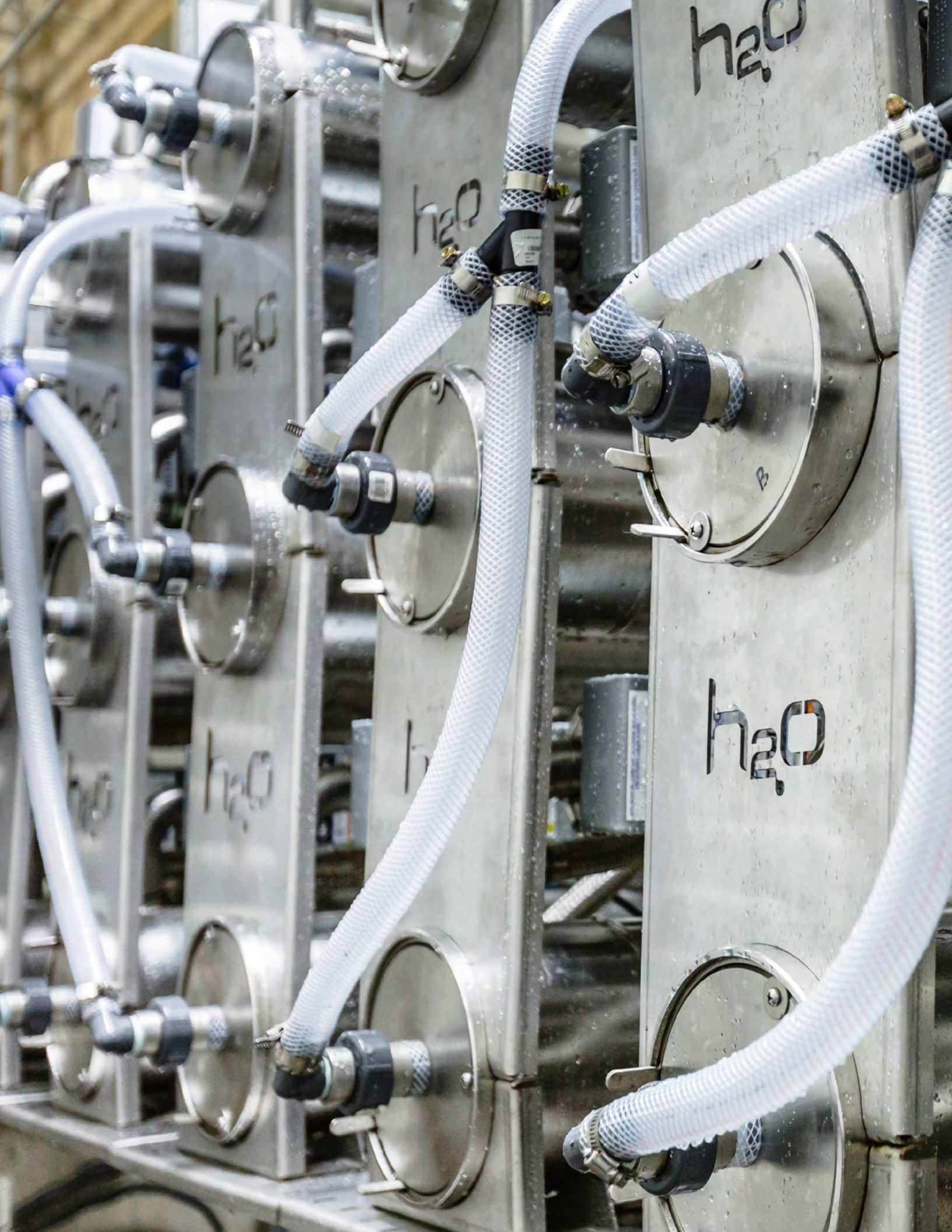
The Supra 4 000 includes 3 High pressure pumps of 30 GPM, for a total input flow between 5 500 and 7 000 gph, 16 to 24 membranes. Includes one feed pump 10 HP, and 5 cartridge filter housing of 5 round (3 concentration, 2 wash)

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-SUP168ERA90	5200	16	16	3 x 30 GPM	1 X 10 HP	-	251/240
PFH-SUP168ERA90-B2	4000	22	16	3 x 30 GPM	1 X 10 HP	2 x 2 HP	273/240
PFH-SUP188ERA90	6000	16	18	3 x 30 GPM	1 X 10 HP	-	264/240

## *SUPRA 8000*

The Supra 8 000 includes 4 High pressure pumps of 30 GPM, for a total input flow between 7 500 and 9 000 gph, 20 to 32 membranes. Includes two (2) feed pump 7,5 HP, and 6 cartridge filter housing of 5 round (4 concentration, 2 wash)

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-SUP248ERA120	8000	20	24	4 x 30 GPM	2x7.5 HP	-	352/240
PFH-SUP248ERA120-B2	8000	20	24	4 x 30 GPM	2x7.5 HP	2 x 2 HP	374/240



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B

IMPORTANT  
QD Control B

APPLIQUEZ LES ÉTIQUETTES DE POSITIONNEMENT EN BAS  
DES MANIFESTATIONS POUR LA POSITIONNEMENT EN BAS  
DES MANIFESTATIONS POUR LA POSITIONNEMENT EN BAS

h<sub>2</sub>O

IMPORTANT



h<sub>2</sub>O





Did you know that H2O Innovation is the creator of the HIGH BRIX technology? In fact, this technology was invented by our RO specialists in 2012 directly in our Ham-Nord facilities. Our goal was to fill a primary need of maple producers : to reduce production cost and improve time management. By being a major player in membrane filtration all over the world, H2O Innovation had the know-how and knowledge required to put this idea to rest.

### WHY CHOOSE HIGH BRIX TECHNOLOGY?



#### Syrup taste

The process patented by H2O Innovation retains all the elements present in the sap, resulting in uncompromising maple syrup.



#### Operating time

Total time invested in boiling High Brix concentrate is 50% less for the same amount of syrup produced. Time is money!



#### Operation flexibility

Reduce concentrate quantity, store it for days in a refrigerated bulk tank and boil only when it's necessary. Optimal time management!



#### Variable speed

In combination of our High Brix Oil Finishing Rig, choose your pan configurations to set your operating speed the way you want.



#### Ecological footprint

Less time boiling has a direct impact on greenhouse gas emissions in the atmosphere.





**PATENTED**



# ECONOX HIGH BRIX

High Brix Econox: Be a part of cutting edge technology with the efficient High Brix Econox. Allowing consistent concentration of 35 °Brix and more in one pass, the High Brix Econox will enable you to maximize your floor space and maximize profitability for your operation. This can also be used as a two-step process feeding the High Brix Econox with concentrated sap from your previous RO maximizing the use of your sugarhouse with minimal changes.



**35° BRIX  
IN ONE PASS**

## ECONOX 1200HB

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-ECO38HB1ERA20	1300	25 to 27	3 + 1HB	20 GPM	2 HP	3 HP	85/240
PFH-ECO48HB2ERA20	1350	27 to 30	4 + 2HB	20 GPM	2 HP	3 HP	98/240
PFH-ECO08HB2ERA20	250	30 to 35	0 + 2HB	10 GPM	1 HP	3 HP	72/240
PFH-ECO08HB4ERA20	500	30 to 35	0 + 4HB	10 GPM	1 HP	2 x 3 HP	102/240
PFH-ECO08HB6ERA20	750	30 to 35	0 + 6HB	20 GPM	2 HP	3 x 3 HP	132/240

## ECONOX 2000HB

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-ECO48HB2ERA30	1600	30 to 32	4 + 2HB	30 GPM	5 HP	3 HP	90/240
PFH-ECO68HB2ERA30	2000	30 to 32	6 + 2HB	30 GPM	5 HP	3 HP	105/240

## OPTIONS

PFHSC-KIT-2-3	Two High Brix vessels with 3 HP booster pump, horizontal wheeled support & flowmeter
ECX-E03-08	Electrical box for High Brix Econox (Increased capacity) including 2 recirculation pump, 1x 2 HP booster pump
ECX-E03-07	Electrical box for High Brix Econox (Increased capacity) including 3 recirculation pump, 1 x 2 HP booster pump & 1 x 2 HP booster pump



**PATENTED**

# SUPRA HIGH BRIX



The High Brix Supra is Patented technology and the reference in the maple industry. We perfected reverse osmosis applications for sugarmakers that need professional and practical results. Designed as single step operations, machines are capable of 2 to 35° brix reducing energy and maximizing sugarhouse efficiency vs 2-step processes. The High Brix Supra can be paired with up to 36 membranes at flows of 8 000 gallons per hour.

Trust the membrane filtration experts!



Genius Supra Shown,  
actual components may  
look different than picture

**35° BRIX  
IN ONE PASS**

## SUPRA 2400HB

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-SUP68HB2ERA40	2000	30 to 35	6 + 2HB	2 x 20 GPM	2x2 HP	3 HP	163/240
PFH-SUP88HB4ERA40	2600	30 to 35	8 + 4HB	2 x 20 GPM	2x2 HP	3 HP	189/240

## SUPRA 4000HB

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-SUP108HB4ERA60	3600	30 to 35	10 + 4HB	2 x 30 GPM	7.5 HP	2 x 3 HP	223/240
PFH-SUP128HB4ERA60	4000	30 to 35	12 + 4HB	2 x 30 GPM	7.5 HP	2 x 3 HP	236/240

## SUPRA 6000HB

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-SUP188HB6ERA90	6000	30 to 35	18 + 6HB	3 x 30 GPM	10 HP	3 x 3 HP	354/240

## SUPRA 8000HB

Product No.	Flow gal./hr	Avr. Brix	Membranes	Pressure pump	Feed pump	Booster pump	Amps. / Volts
PFH-SUP248HB6ERA90	8000	35+	24 + 8HB	4 x 30 GPM	2x7.5 HP	4 x 3 HP	460/240

# AUTOMATIC RO



## Remote control, monitor, and automate your operations

Using a remote-control device like the **Automatic RO** can offer several benefits that can improve your life by enhancing convenience, efficiency, and control over your reverse osmosis system. Here's why:

### Automation

- » Never run tanks over again
  - Remote Start & Stop from a distance.
- » Push button cycle management
  - Automatic valves positioning.

### Customizable display

- » Concentration - Adjust the time the concentrate is sent to the sap tank before going into concentrate tank
- » Desugaring - Adjust the time the concentrate is sent to concentrate tank » Sap tank » Drain

### Monitor

- » Get real-time status of your equipment
  - RO status - ON/OFF, Concentration and rinse cycles, pressure levels, valves placement
  - Brix level output - If used with Innovabrix controller or RF-50 Brix reader
  - Operation and cycling run timers
  - RO protection - High temperature shutdown, low pressure and motor fault



Model appearance may vary.

### READY TO USE

Easy to install! Receive your RO and connect yourself on Automatic RO device in few minutes.



# GENIUS RO



## GENIUS RO

### The pinnacle of intelligent automation

The *Genius RO* redefines maple sap concentration. Designed to deliver unparalleled performance, efficiency, and convenience. This cutting-edge technology combines user-friendly features and time-saving principles to increase profitability and eliminate human error.

#### Never be left in the dark again!

Real-time, off-site notifications sent directly to your devices about performance, pre-filters status, Brix levels and pressure alarms.

#### Genius RO cleaning intelligence

Internal analytics determines and automatically configure soap or acid wash type.

## 2 OPERATION MODES

- *Target Brix* - Preset consistent Brix output
- *MR (membrane recovery)* - operates according to the relation between concentrate/permeate flows to maximize membrane life.

### COMPREHENSIVE REMOTE SYSTEM CONTROL AND REACTIVE OPERATIONAL PERFORMANCE

- Starts automatically according to the concentrate & sap level in your tanks.
- Customizable timers and valves directions for desugaring cycles.
- Pre-filter management
- Automatically changes the direction of the prefiltration depending on the run cycle.
- Adjustable pressure differential sensors to maximize run-time and to prevent pre-filters clogging.
- Auto wash cycle with dosing pump for soap and acid washing.
- Measures permeate levels to optimize clean cycles.
- Continuous Brix reading with the RF-50.



# RO OPTIONS



RF-50

REFRACTO  
RF-50

## Continuous Brix Reader | RF-50

The RF-50 is a precise continuous Brix reader with an unbeatable price-performance ratio. With a reading range of 0 to 50 Brix, it is an essential tool to enhance your operation. Real-time Brix readings at your fingertips!

RF-50 continuous Brix reader

RF-50



PFH101200

INNOVABRIX

## Innovabrix | Automatic Brix management

The Innovabrix system controls Brix levels precisely and automatically without intervention. An automatic valve adjusts Brix output to maintain consistent readings. Complements the Automatic RO for next level sugarmaker experience.

Innovabrix Automatic Brix management controller

PFH101200

## REVERSE OSMOSIS OPTIONS

Product No.	Description
PFH-POTEAU240V	Complete vessel including membrane
SPH-UNI-00-26B	1 flowmeter with support
SPH-UNI-00-29A	2 flowmeters with support
SPH-UNI-00-28A	3 flowmeters with support
SPH-UNI-00-26A	4 flowmeters with support
OSS-ECO	Permeate stainless steel piping for Econox
OSS-SUP	Permeate stainless steel piping for Supra
SPH-UNI-00-10B-2	Horizontal wheeled support for 2 vessels
SPH-UNI-00-10B-3	Horizontal wheeled support for 3 vessels
SPH-UNI-00-10B-4	Horizontal wheeled support for 4 vessels
SPH-UNI1516A	Cart support front plate
SPH-COND120V	Conductivity meter 120 Volts
SPH-COND240V	Conductivity meter 240 Volts
ECX-SSPANEL	Stainless steel electrical panel for Econox
SUP-SSPANEL	Stainless steel electrical panel for Supra
BONBN1-W3L2	3-cartridge stainless steel prefilter
BONBN1-W5L2	5-cartridge stainless steel prefilter
SPH-F0501	1 stainless steel vessel with bypass valve (5 cartridge filters per vessel)
PFH-F0602	2 stainless steel vessels with bypass valve assembled on wheeled support (5 cartridge filters per vessel)
PFH-F0603	3 stainless steel vessels with bypass valve assembled on wheeled support (5 cartridge filters per vessel)
PFH-F0604	4 stainless steel vessels with bypass valve assembled on wheeled support (5 cartridge filters per vessel)
OSM-3PH	Extra 3 phases (208V / 460V / 575V)
SPH-ECX-09-SORADD	Additional output for vessel (factory installation)
SPH-ECX-09-SORADD-2	Additional output for vessel (on-site installation, add 2h of work & transport)



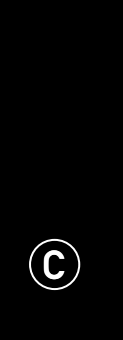
SPH-UNI-00-10B-3



PFH-POTEAU-240V

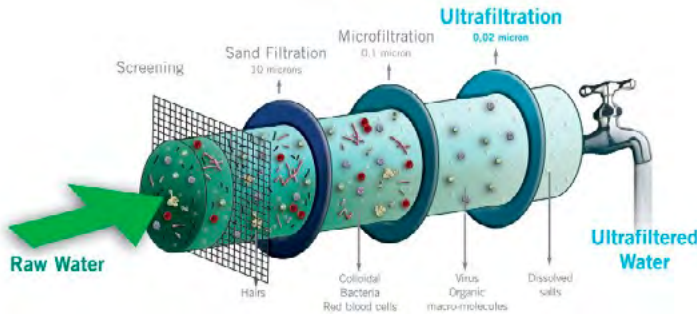


PFH-F0602



# ULTRAFILTRATION

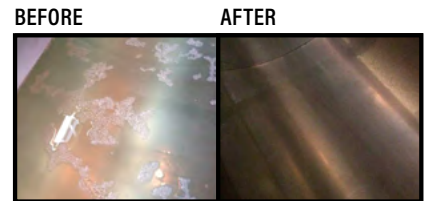
Ultrafiltration technology has been used in a multitude of applications for several years, whether removing bacteria from milk and brine, or producing drinking water. We have been a pioneer in this industry with more than 100 systems installed to date. Recently, this technology has also been used in the maple industry to remove bacteria and microorganisms from sap or concentrate. The removal of these pollutants allows the sap or concentrate to be stored over a longer period of time. In addition, if the ultra-filtered sap is boiled to make syrup, the production of foam and sugar sand in the evaporator is greatly reduced.



The ECONOX-UF is the entry-level ultrafiltration, completely manual, which allows you to treat a good amount of sap at a lower price. The series includes a 5 cartridge canister of 20" prefilters for prefiltration and all the necessary instrumentations. Available from 1 to 4 membranes, and completely modular, the ECONOX-UF is a very good choice for smaller operations.

## Econox-UF Series

Product No.	Description	Amps. / Volts
PFH-ECO-UF-1	Ultrafiltration system 5 GPM	27/240
PFH-ECO-UF-2	Ultrafiltration system 10 GPM	45/240
PFH-ECO-UF-3	Ultrafiltration system 15 GPM	54/240
PFH-ECO-UF-4	Ultrafiltration system 20 GPM	60/240



The ultrafiltration with the SUPRA-UF series is the most sophisticated on the market, while remaining very simple to operate. The unit includes a speed dimmer and a magnetic flow meter that maintains a constant flow while compensating for the clogging of the membranes. The SUPRA-UF series is also equipped with 3 filtration modules (5 x 5microns 20") 2 for operation and 1 for washing. This series is available from 4 to 12 membranes and is completely modular to fit your needs over time.

## SUPRA-UF Series

Product No.	Description
PFH-SUPRA-UF-6	Ultrafiltration system 30 GPM
PFH-SUPRA-UF-8	Ultrafiltration system 40 GPM
PFH-SUPRA-UF-10	Ultrafiltration system 50 GPM
PFH-SUPRA-UF-12	Ultrafiltration system 60 GPM

## Ultrafiltration membranes

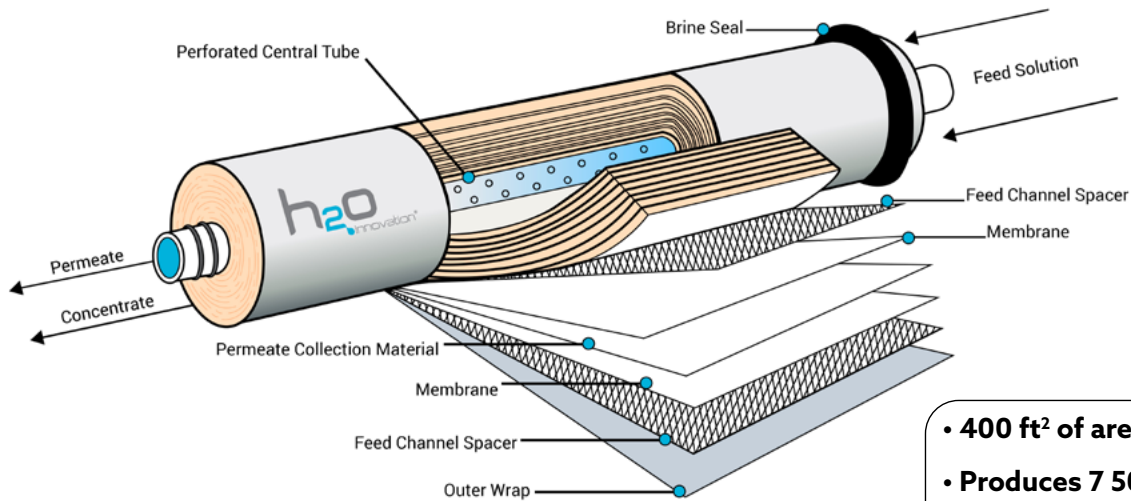
Product No.	Description
H20-UF-100	UF membrane
PFH-POT-UF-100	8" UF vessel with membrane

**DID YOU KNOW?**

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H2O Innovation has installed more than 250 UF membrane water filtration systems in North America.

# MEMBRANES



- 400 ft<sup>2</sup> of area
- Produces 7 500 gal./day
- Rejection rate of 99,5%

## Membranes

Product No.	Description
RE2540-BLF	Next Gen Maple membrane 2-1/2"
85061	Mini Micro Membrane 4" x 20"
85063	Micro - 4" Membrane
H20-704040	H20 70-4040 - 4" Membrane
H20-70400	H20 70-400 - 8" Membrane
ULE-8040	H20 8" Ultra Low Energy Membrane
HYDRAPRO102	8" High Brix Membrane



H20-70400

## Storage vessel

Product No.	Description
ERACASREM-4	4" membrane storage vessel
ERACASREM	8" membrane storage vessel

## Membranes cleaning

Product No.	Description
X-TEST-MEMB	Performance test
X-LAVAMEMB4	4" membrane wash
X-LAVAMEMB8	8" membrane wash
X-LAVAMEMB-SS	Extra for D&G stainless steel vessels



## Off season membrane cleaning

We recommend sending the membrane back to a specialist once a year to have a complete factory cleaning. H2O Innovation has its own membrane cleaning department, one in Ham-Nord, QC and a new cleaning line in Swanton, VT.



# CHEMICALS



7302AP4



7302AP20L



7302R04



7302R025



7302LSSG4L

## Chemical products and accessories

Product No.	Description	
<b>In season membrane cleaning (basic)</b>		
7302R01	RO Clean + (powder), basic powder membrane cleaning product - 1.5 lb	
7302R04	RO Clean + (powder), basic powder membrane cleaning product - 4 lb	
7302R025	RO Clean + (powder), basic powder membrane cleaning product - 25 lb	
7302R04L	RO Clean + (liquid), basic membrane cleaning product - 4L (1.05 US gal.)	
7302R020L	RO Clean + (liquid), basic membrane cleaning product -20L (5.28 US gal.)	
7302BM4L	Bio-Membrane, basic liquid membrane cleaning product - 4L (1.05 US gal.)	
7302UBM4L	Ultra Bio-Membrane, basic liquid membrane cleaning product - 4L (1.05 US gal.)	
7302LV720L	Lavazol 7 (liquid), basic liquid membrane cleaning product - 20L (5.28 US gal.)	
<b>In season membrane cleaning (acid)</b>		
7302AP1	Acid + (powder), acid membrane cleaning product- 1.5 lb	
7302AP4	Acid + (powder), acid membrane cleaning product - 4 lb	
7302AP25	Acid + (powder), acid membrane cleaning product - 25 lb	
7302AP20L	Acid + (liquid) 50%, acid membrane cleaning product (citric acid) - 20L (5.28 gal. US)	
7302XP10L	Oxi + (liquid), acid membrane cleaning product - 10L (2.64 US gal.)	
<b>Off season membrane storage solution</b>		
7302LSSG4L	RO Storage (liquid), solution with glycol for membrane storage - 4L (1.05 US gal.)	
7302LSS4L	RO Storage (liquid), solution for membrane storage - 4L (1.05 US gal.)	
7302PSS1	RO Storage (powder), solution for membrane storage - 1.5 lb	
7302PSS4	RO Storage (powder), solution for membrane storage - 4 lb	
7302G4L	Glycol - 4L (1.05 gal. US)	
<b>Accessories</b>		
COLR59200-10	pH paper	

**DID YOU KNOW?**

Oxiplus can also be used as a disinfectant and isn't as harmful as chloride for the environment

### WARNING

Take note that some of our products can't be stored and/or mixed together and/or with other products. At H2O Innovation we care about your safety! For any questions you might have regarding chemical products please contact us.





### Off season membrane storage

It's important to store the membrane in a sealed vessel with a storage solution. Storage solution will prevent bacteria growth. Bacteria will damage the membrane. Usage: Do not completely fill the pressure vessel. Use 1 gallon of storage solutions in the dry vessel to get the perfect storage for your membrane. Store it above the freezing point!



# EVAPORATOR CHEMICALS, TUBING MAINTENANCE & ACCESSORIES

## Evaporator cleaning products and accessories

Product No.	Description
<b>Evaporator cleaning products</b>	
7301PC1L	Pan Clean+ 85%, cleaning product for stainless steel UN1805 - 950mL (Quart)
7301PC4L	Pan Clean + 85%, cleaning product for stainless steel - 4L (1.05 US gal.)
7301PC20L	Pan Clean + 85%, cleaning product for stainless steel - 20L (5.28 US gal.)
7301PC200L	Pan Clean + 85%, cleaning product for stainless steel - 200L (52.83 US gal.)
7301GA20L	Glacial acetic acid for pan cleaning - 20L (5.28 US gal.) 
<b>Sap defoamers</b>	
7301D4OZ	Defoam, atmos-liquid sap defoamer - 4 oz
7301D1Q	Defoam, atmos-liquid sap defoamer - 1 Quart (1/4 gal. US)
7301D1G	Defoam, atmos-liquid sap defoamer - 1 US gal.
7301BD4OZ	Defoam-O, liquid sap defoamer - 4 oz 
7301BD1Q	Defoam-O, liquid sap defoamer - 1 Quart (1/4 gal. US) 
7301BD1G	Defoam-O, liquid sap defoamer - 1 US gal. 
ERAKASHER	Defoamer Kasher
PFH425GOBKAS	Stainless steel antifoam-foam cup
ERA170H001	Wooden anti-foaming block (maple)
63019	Defoamer dripper







7301PC20L



7301D4OZ

## Tubing maintenance, cleaning solutions & tools

Product No.	Dimensions
ERAALCOOL4L	70% Isopropyl alcohol 4L 
ERAALCOOL20L	70% Isopropyl alcohol 20L 
ERAALCOOLBAR	70% Isopropyl alcohol 45 gal. barrel 
ERAALCOOLAD2J	Tapping alcohol 4L AD2J
CHE-NAOCL-5G	Sodium hypochlorite 12% 5 gal. 
ERAPISTALC5	5ml alcohol doser gun
ERAPISTALC15	15ml alcohol doser gun
KIT-08L	5L backpack tank and 15ml alcohol doser gun kit
628451480228	Brush tip for alcohol gun



ERAPISTALC15



ERAPISTALC5



KIT-08L



M. PLE

BATH

GANTRY

LEIDER ETAPORATOR

# VERMONT EVAPORATOR COMPANY



## SAPLING EVAPORATOR

6305C20X30

The Sapling Evaporator is a barrel-style portable, outdoor, wood-fired maple syrup evaporator. Designed for 5 to 50 taps, the Sapling Evaporator is a great way to efficiently and easily make maple syrup in the backyard.



### CHARACTERISTICS

- 4-8 gallons per hour evaporation rate
- Fuel: Wood
- Includes 30"x20" - 3 compartment flat pan
- Portable - 100lbs
- 5-50 taps



## SAPLING WARMING PAN

6105AWP

The Sapling Warming Pan is designed to fit on the back of your Sapling Evaporator Pan, and will preheat your sap using the already-existing ambient heat from your firebox for a more efficient boil!

## EVERYTHING GRILL KIT

6105A20X30

Convert your Sapling Evaporator to a wood- or charcoal-fired grill!

Looking to grill, smoke, bake on your Sapling Evaporator? Look no further than the Everything Grill Kit for the Sapling Evaporator!

### CHARACTERISTICS

- New, redesigned Sapling Grill Lid
- Sapling Grill Grates
- Sapling Efficiency Baffle
- Sapling Damper
- Sapling Pizza Stone



# HALF PINT EVAPORATOR

CHOOSE YOUR ARCH (WOOD, OIL OR GAS)



Wood  
372433CWLR



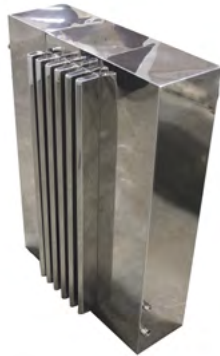
Oil  
372433COLR-A



Gas  
372433CGLR-A

Above units include reservoir.  
Extension kits for oil and gas arches require factory installation. Call for pricing

## UPGRADE YOUR PANS



### The Supreme Pan

We have increased the surface area of the traditional boiling pan by adding 6 micro flues to the middle of the pan. This increase in surface area results in a significant increase in evaporation rates.  
372433S-A



### The Traditional Pan

Three compartment flat bottom boiling pan with large flow syrup cutouts and 1/2" Draw offs. Sturdy 20ga SS construction and L-top reinforced design.  
372433L-A

## EXPAND YOUR COMPONENTS



ADD  
CAPACITY  
TO YOUR  
EVAPORATOR!



### Bolt-on regulator system w/ Float

For use with all welded Half Pint and Supreme Boiling Pans.  
59029A



### Half Pint BTU Booster

Add-on accessory that can be installed quickly, this 120-volt blower increases turbulence in the fire box with a massive amount of air, increasing heating temperatures and evaporation rates.  
370000A

Half pint extensions available for wood oil & gas.



# THE VERMONT & THE WSE



## The Vermonter

### 2' X 4' LEADER

Step up to the Vermonter as your operation grows. Designed for producers 50-150 taps with continuous, dual float sap level control. A must have for the next level hobby sugarmaker.

372404VA : The Vermonter pan

302404 : 2 x 4 Natural draft arch

### CHARACTERISTICS

- This 2' x 4' Combo Pan includes a syrup pan and flue pan in one!
- Features 10 - 5.5" raised flues
- Boiling rate of approx. 22-25 gallons per hour
- Internal bolt-on regulating system for hot sap
- All stainless steel is tig welded
- Dial thermometer fitting in syrup box
- Two-compartment syrup pan
- 1" Draw-Offs

## WSE Evaporator

### 2' X 6' LEADER

### CHARACTERISTICS

- Tig welded 20 ga. BA stainless steel
- Heavy duty stainless steel connections and clamps
- Three compartment syrup pan
- Rotate syrup pan to change syrup compartment
- External regulating system for drop flue
- Internal bolt-on regulating systems for hot and cold sap in raised flue
- Raised flue features 10 - 5.5" raised flues (392400LWR-A)



# THE ROOKIE

## Rookie

### To perfect technique

Take the next step with these simple to operate, individual flue and finishing pans. Dual float boxes for sap level control, this complete evaporator is ready to fire. It's steel front, grates and arch are built to last.



### The Rookie - Wood Evaporator

Product No.	Dimensions	Nb. of int. flues	Flue pan	Flat pan	Stack diameter	Included smoke stack length incl.	Nb. bricks
PFH11218X60G	18" x 60"	6	18" x 46"	1-18" x 15"	9"	8'	60 X 1-1/4"

### INCLUDED

- Base
- Flue pan (5" flues)
- Flat pan
- Base stack
- Smoke stack
- Sap-in float box
- Transfer float box
- Ceramic wool
- Casting valve

### OPTIONS

- Closed hood
- Suspended hood
- Smoke stack cover
- Chinese stack cover
- Hood stack
- Extra flat pan
- Stack roof jack & collar
- Hood roof jack & collar
- Radiant protection
- Full length suspended hood (12" larger than evaporator)
- Closed or suspended hood light
- Sight level

NOTE: Bricks and mortar are not included with The Rookie.

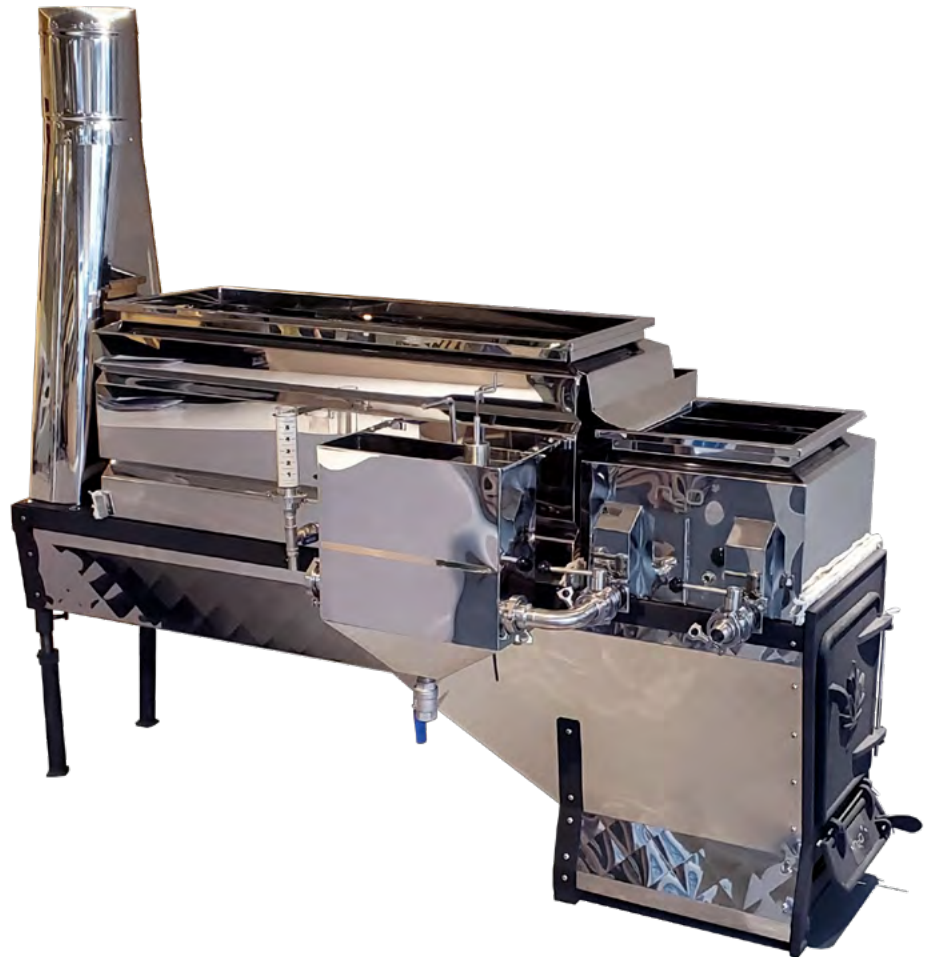
\*Equipment picture is for illustrative purposes only. The design of some parts may be different.

# THE TRADITION

## Tradition

### A tradition of quality

Recently revisited and improved, the solid design of the Tradition includes stainless steel valves and a cast-iron door. Its float box is easy to clean and to eliminate nitre chips. The Tradition is also available with the grate & blower option with an insulated door. Even the smallest are finished and performs like the big ones, thanks to the standard 7" flues.



### INCLUDED

- Base
- Flue pan (7" flues)
- Flat pan
- Base stack
- Smoke stack
- Sap-in float box
- Float box
- Socket & pan transfers
- Insulation strip
- 1-1/2" glass sight level for flue pan
- Ceramic wool

NOTE: Bricks and mortar are not included with The Tradition.

### OPTIONS

- Closed hood
- Suspended hood
- Smoke stack cover
- Chinese stack cover
- Hood stack (24")
- Extra flat pan
- Ash tray
- Base stack key
- Stack roof jack & collar
- Hood roof jack & collar
- Radiant protection
- Catch pan
- Full length suspended hood (12" larger than evaporator)
- Preheater
- Hot water pan
- Flow inverter
- 1-1/2" Glass sight level
- Closed hood light
- Suspended hood light
- Flue pan washer
- Coil
- Automatic draw-off
- Flue pan air injector
- Flat pan air injector

\*Equipment picture is for illustrative purposes only. The design of some parts may be different.

# THE TSUNAMI



## A force of nature

The Tsunami evaporator is the biggest and best performing wood fired evaporator offered by H2O Innovation. Its optimized design makes it one of the best high performance evaporators on the market. The boiling is done continuously, without heat peaks, thanks to the constant temperature of the insulated combustion chamber. This allows for a continuous and stable flow. This evaporator includes a fan with variable control to produce optimum combustion regardless of the type of wood used. The operation of the Tsunami is simple and allows you to maximize your work without requiring more effort. The efficiency of the Tsunami can be increased as it is possible to convert it into a High Brix finishing rig.



Adjustable performance dial



### IMPROVEMENT

Secondary air supply is optimized for improved combustion.

### INCLUDED

- Base
- Flue pan (7" flues)
- Flat pan
- Base stack
- Smoke stack
- Butterfly valve
- Sap-in float box
- Transfer float box
- Sockets & pan transfers
- Insulation strip
- Closed hood
- Suspended hood
- Smoke stack cover
- Chinese stack cover
- Steam stack (24')
- 1-1/2" glass sight level for flue pan

NOTE: Total length of the included steam stack is 24' (2 x 12').

### OPTIONS

- Extra flat pan
- Stack roof jack & collar
- Hood roof jack & collar
- Radiant protection
- Full length suspended hood (12" larger than evaporator)
- Catch pan
- Preheater
- Hot water pan
- Flow inverter
- 1-1/2" glass sight level for flat pan
- Closed hood light
- Suspended hood light
- Flue pan washer
- Coil
- Automatic draw-off
- Flue pan air injector
- Flat pan air injector
- Inlet electric valve (alarm)

\*Equipment picture is for illustrative purposes only. The design of some parts may be different.

# WOOD FIRED ARCHES



## Natural Draft

### Wood-Fired Arch

Our natural draft wood-fired arches feature heavy-duty cast iron fronts designed with expansion joints for durability. Our unique "Double V" grate design is the strongest and most warp resistant cast iron grate in the maple industry. All sizes come standard with stainless steel sides and stainless steel smoke stack. All arches need to be insulated during installation with properly rated fire bricks and refractory materials (not included with the arch).

All wood-fired arches come equipped with twice the evaporator's length in smoke stack, rounded to the nearest three-foot increment (i.e. 3x10 = 21 feet of stack) and the proper number of cast iron grates.

## CHARACTERISTICS

- Traditional, long-lasting design
- Cast iron front and doors
- Adjustable draft door
- Adjustable rear legs
- Stainless steel sides and stack
- Grates included
- Sturdy angle iron frame
- Adjustable leg levelers



For exact dimensions and pricing, visit our website or set up a sales consultation with a member of the Leader team.

# WOOD FIRED ARCHES



## Inferno

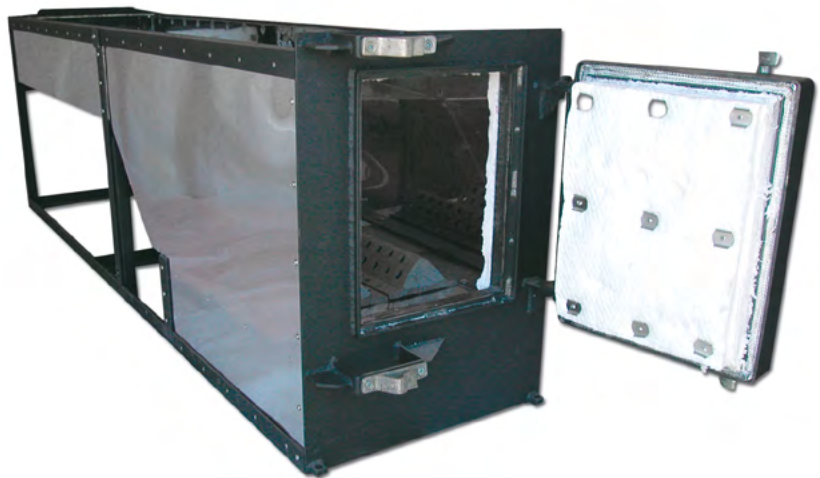
### Wood-Fired Arch

The Inferno wood fired arch features Leader's forced draft system, installed using the special dome-shaped forced air grates, and properly sized air blowers with speed controls. Combining the forced draft with the special air tight front allows the blowers to be run at high levels, creating more turbulence in the fire box. That turbulence will increase the BTU output of your wood, and increase your fuel efficiency. Some secondary air is also injected through the front of the arch. Smaller arches have air coming in through the door casing, while on the larger arches the air comes in through the door itself.

It is very important with the additional heat these arches generate that the arch be properly insulated during installation, which includes fire bricking sides and front with properly rated bricks and refractory materials (not included with arch).

### CHARACTERISTICS

- 20% more efficient than a natural draft arch
- Durable 14-gauge airtight door
- Rugged, balanced, angle iron frame
- Tough, trucker-style two-hinge door
- Stainless steel sides and stack
- Blower included
- Forced draft grates included
- Adjustable leg levelers



Available in sizes from 2 x 6 to 6 x 18.

# WOOD FIRED ARCHES



## Vortex Wood-Fired Arch

The Vortex Arch is the most aggressive wood fired arch in the maple industry. Clean burning, easy to fire and very consistent syrup pan temperatures. Designed to save time, the firebox can reach full temperatures from a cold sugarhouse in as little as 15 minutes. Ideal for both raw sap or high brix applications.

### CHARACTERISTICS

- Highest wood fire boiling rate
- 45% more efficient than a natural draft arch
- Triple-lined insulation for maximum heat retention
- Minimal brick for rapid heating and cooling cycles
- Double-wall construction & ribbed stainless steel outer wall
- Durable 14-gauge airtight door
- Dual fans + air-cone-controlled induction system
- Stainless steel stack
- Side access panels
- Tough trucker style two-hinge door
- Rheostat low pressure fan control
- Forced draft grates included



Swing away door to re-direct heat away from user during firing cycles



**Gingerich Brothers and Sperry Sugarhouse**  
Middlefield, OH

3' x 14' Vortex Arch  
Revolution Max Raised 9' & 5' set of pans



The Vortex is insulated with three layers of 2600° ceramic blanket and minimal bricks to reduce residual heat and maximize thermal cycling – less time waiting for arch cooling means less labor. A massive combustion chamber is fueled by primary and secondary air to increase flow and burning capacity, optimizing wood value and distributing BTU output efficiently to the pans

Superior next level bricking panel walls replace standard bricks drastically extending Vortex arch life!

### Vortex Insulating Panels

Product No.	Description
3660001	Panel A - 63 ½ x 22
3640001	Panel B - 54 ½ x 22

**Vortex Panels** – Custom high temperature refractory panels with Stainless steel grit is next level arch design. Save bricking installation time and extend arch life with two firebox length panels



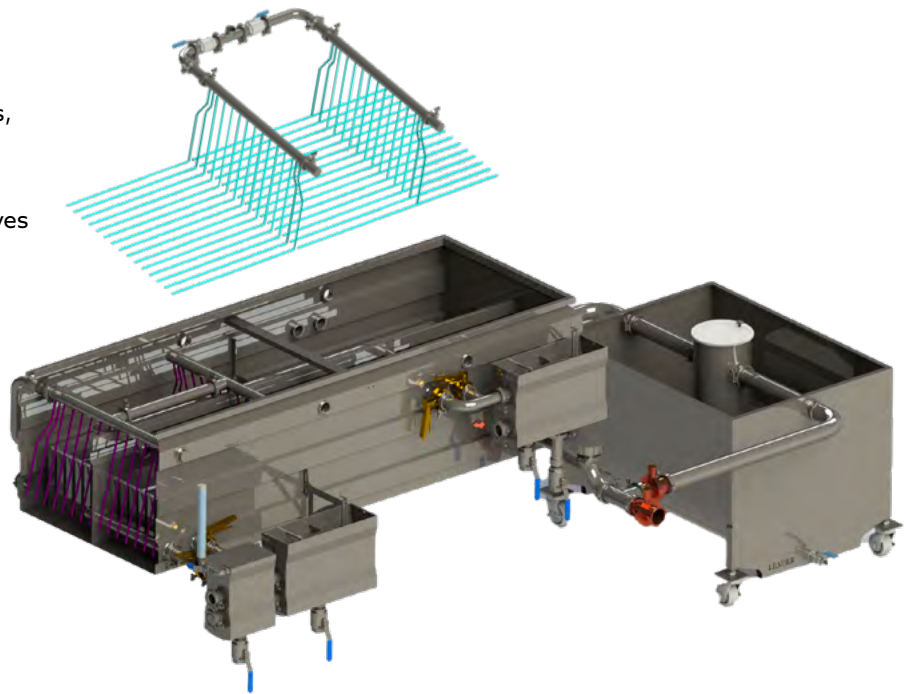
# FREEDOM FLUE PAN

## Freedom Flue pan

Built to clean

### 100% REVERSIBLE

- All boxes, pipes, valves, brackets, CIP and bubbler
- Inline Flue pan reversal
  - Change flue pan flow direction from one side by turning 4 valves
- 11 universal sizes
- Will fit all Leader Revolution and Crossflow syrup pans
- 11" raised flues



### HOT SAP SYSTEM

#### CHARACTERISTICS

- High sap flow with nitre chip trap box
- Sap flow under liquid to eliminate foam
- Fast draining boxes

\*2 1/2" SYRUP PAN PIPE KIT AVAILABLE

## CIP (Clean In Place)

SS tube sprayers front and mid flue

#### CHARACTERISTICS

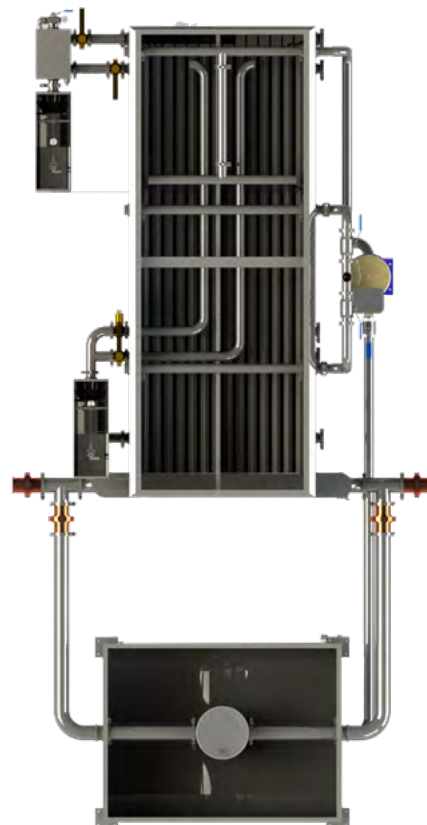
- CIP Tank, nitre basket and VFD pump
- CIP cycles can be run in closed loop for chemical cycles
- Fill Flue pan to any level in closed loop
- 3" Dual drains
- Flush drains directly into tank - for maximum chip removal
- Adjust pump speed for customizable cleaning preferences

## Bubbler

#### CHARACTERISTICS

- All SS pipes run the full length of the flue
  - High pressure blower with Rheostat
- Use during CIP cycles for increased agitation

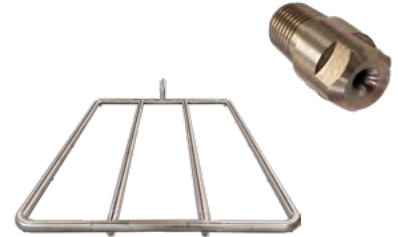
Both CIP and bubbler can be added on later. Installed on flue pan.



# PAN CLEANING & BUBBLERS

## Syrup pan CIP sprayers

Cleaning systems are essential to extend the longevity of boils and life of your evaporator. Spray nozzle cleaning pipes can be added to any syrup pan. Pipes are installed just inside the syrup pan and out of the way for hoods during operation.

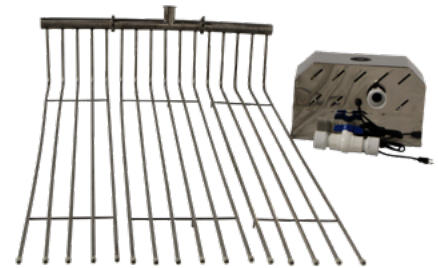


## Syrup pan washer systems

Speed up syrup pan cleaning by removing pans and washing independently. Spray systems are designed to spray 1, 2 and 4 pans continuously. Customize your configurations and choose covers, nozzles, rack, basin and pump size. Complete cleaning flexibility with stand alone wash systems or integrated on the evaporator,

## Bubblers (Air injector)

Fit up to any H2O or Leader pan and improve agitation during boiling and cleaning cycles. All Stainless steel tubes slide into flue pan and lay at the bottom of every flue to maximize effectiveness.



PFH154148DL



## Getting started with Cleaning

Sugarmakers continue to improve and increase production capacities. Improper cleaning techniques can wear and damage your equipment. We are here to help you understand and improve cleaning methods that save you time and money. Contact us and chat with an expert!

**NOTE:** Please contact a local dealer for specific type and size.

# SYRUP PANS

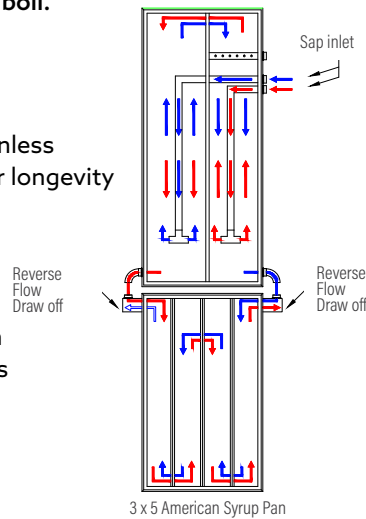


## American Pans Drop Flue Style

An American legacy, these drop flue pans are completely welded with stainless steel fittings, and stainless steel draw-off valves. Unlike many other welded pans, Leader is committed to full-seam welding of all partitions. This is essential for preventing back-mixing and dilution during boiling (both of which can cause a drop in the grade of the syrup). These pans are equipped with an automatic sap regulating system that allows the operator to reverse the flow of liquid quickly, easily, and without slowing down the evaporator's boil.

### CHARACTERISTICS

- High quality, 20-gauge stainless steel pans, the standard for longevity in the maple industry
- Drop flue style set of pans
- Stainless steel fittings and draw-off valves
- Simple flow reversal design
- Full-seam welded partitions

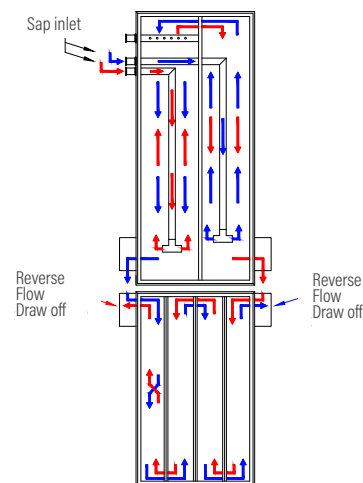


## Patriot Pans Reverse Flow System

Features two floats, one for the flue pan and one for the syrup pan. This allows the ultimate in liquid level control: the flue pan can be run slightly shallower for performance and syrup quality, while the syrup pan can be run deeper for safety. All Patriot Evaporators have full-seam welded partitions, and are constructed by the industry's finest craftsmen entirely from 20 ga. stainless steel for unsurpassed durability.

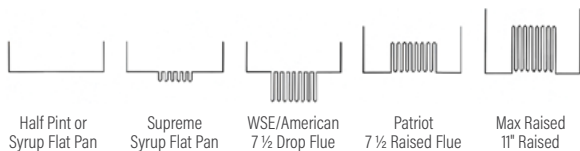
When the syrup compartment begins to coat up with nitre and sugar sand builds up, you will have access to two valves and a single plug, all on the outside of the evaporator. These allow you to reverse the flow within the evaporator, so that syrup can be drawn on the opposite side of the syrup pan. With a Patriot Evaporator, there is no need for messy, time-consuming pan changes during peak boiling days.

The Patriot Evaporator is also easily expandable with features like the Steam-Away, or with reverse osmosis. Patriot pans come complete with all draw-off valves, float systems, syrup pan to flue pan connections, plugs, and a ceramic pan gasket.



**Which pans** are right for you? The short answer is, "it depends." Talk it over with your dealer. They know the right questions to ask to get you started right.

\*Max flue pan available on demand\*



# SYRUP PANS



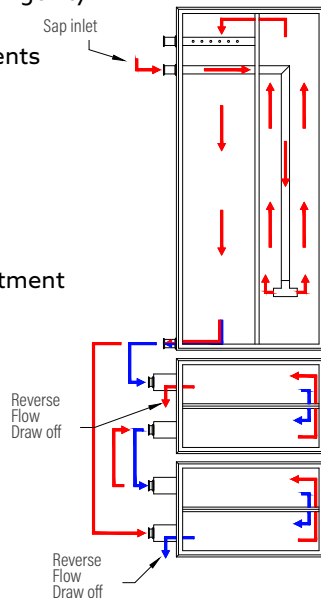
**Cross Flow Pans**  
Ultimate in Flexibility

Our Cross Flow pans offer you the most flexibility in cross-flow technology. The U-shaped compartment construction offers greater strength and flexibility. Full-seam welded end panels for all compartments limits unwanted mixing.

Draw-off boxes are seamless, with bottom outlets, offering superior draining. Draw-off valves are also separate from pan connection ports. Includes butterfly valves for pan segregation.

## CHARACTERISTICS

- High quality, 20-gauge stainless steel pans, the standard for longevity in the maple industry
- Full-seam welded compartments to eliminate mixing
- Closed top boxes to fill pan deeper for cleaning
- Flat compartment bottoms for easier cleaning
- Slip joint connections
- Base drains for every compartment
- Reinforced drain elbows
- Butterfly valves included
- Simple flow reversal design
- Dual dial thermometer outlets
- No plugs



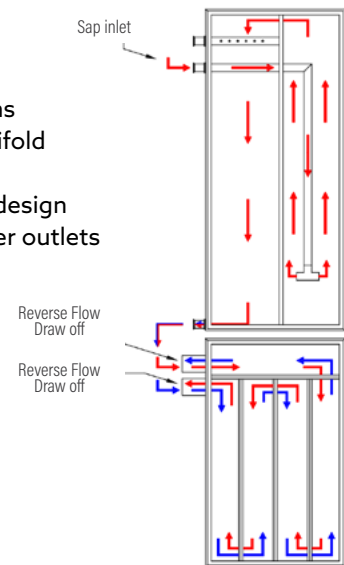
**Revolution Pans**  
"Right Sizing"

The Revolution Evaporator brings "Right Sizing" to the maple industry. It has the exact same draw-off point all the time, so that barrels, filtering, and workspace can be set and not need to change. Crowds of people can flow around you without interfering in the necessary functions of running the evaporator.

The Revolution Syrup Pan has its syrup compartments in the back of the pan, where the heat is greater, allowing for more consistent, smaller batches of syrup.

## CHARACTERISTICS

- High quality, 20-gauge stainless steel pans, the standard for longevity in the maple industry
- Full-seam welded compartments to eliminate mixing
- Slip joints connections
- Two-sided drain manifold
- Butterfly valves
- Simple flow reversal design
- Dual dial thermometer outlets



For exact dimensions and pricing, visit our website or set up a sales consultation with a member of the Leader team ([bit.ly/leader-maple](http://bit.ly/leader-maple)).

# OIL EVAPORATOR

## Classic

### A timeless classic

Fully equipped, the classic oil is ready for high production sugarmakers. All stainless-steel wrapped design and front facing electronics is easy to operate. The Classic can be modified later on to be used in conjunction with a High Brix concentrator.

The Carlin burner which it is equipped with is easy to adjust and has a low maintenance cost. Since this type of burner is popular amongst sugar makers, you will easily and quickly find an authorized technician in your area to help you.



### INCLUDED

- Base
- Flue pan (7" flues)
- Flat pan
- Base stack
- Smoke stack
- Butterfly valve
- Sap-in float box
- Transfer float box
- Sockets & pan transfers
- Insulation strip
- Closed hood
- Suspended hood
- Smoke stack cover
- Chinese stack cover
- Smoke stack (24')
- 1-1/2" glass sight level for flue pan
- Burner cover
- Base stack cover

### OPTIONS

- Extra flat pan
- Stack roof jack & collar
- Hood roof jack & collar
- Radiant protection
- Full length suspended hood
- Catch pan
- Preheater
- Hot water pan
- Flow inverter
- 10" Flue pan (High Brix)
- 1-1/2" glass sight level for flat pan
- Closed hood light
- Suspended hood light
- Flue pan washer
- Coil
- Automatic draw-off
- Flue pan air injector
- Flat pan air injector
- Inlet electric valve
- Transfer electric valve



## Reverse Fire Supreme

### Oil-Fired Arch

The latest in oil-fired arch technology. The front panel features control switches, indicator lights for burner functions, and a digital oil pressure gauge for monitoring burner performance. The repositioned burners have optimized boiling dynamics by improving heat distribution. The combustion chamber temperatures under the syrup pan were tested, and measured less than a 100° range from the front corners to the center of the pan. This virtually eliminates batching in the syrup pan and keeps the draws of syrup coming steady.

Double-walled with multiple layers of 2600° insulating blanket, and cooled with circulating fans, the outer stainless steel wrap is easy to keep clean and makes this the ideal arch for your showplace sugarhouse.

### CHARACTERISTICS

- Triple-lined insulation for maximum heat retention
- Stainless steel stack and barometric damper included
- Rear burner placement for consistent syrup pan boiling
- Side access panel
- Front access electrical panel
- Body cooling fans
- Front and rear power outlets
- Double-wall construction
- Ribbed stainless steel outer wall
- Easy access front display
- Adjustable leg levelers

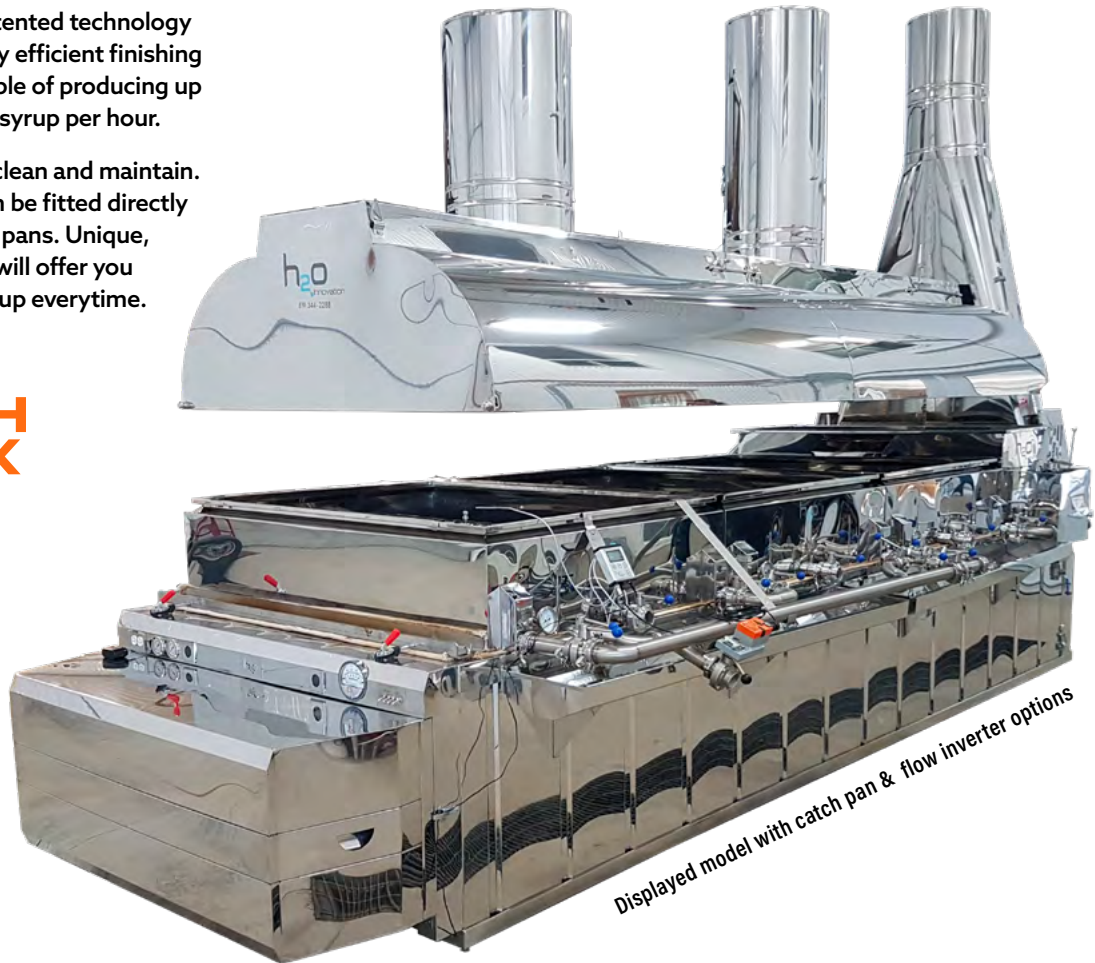
# FINISHING RIG

## Oil/Gas Finishing Rig

For well-developed flavors

The High Brix patented technology makes it an highly efficient finishing evaporator, capable of producing up to 225 gallons of syrup per hour.

It is also easy to clean and maintain. A pan washer can be fitted directly on top of the flat pans. Unique, the Finishing rig will offer you a high quality syrup everytime.



*Displayed model with catch pan & flow inverter options*

### INCLUDED

- Base
- Flue pan (10" flues)
- Flat pan
- Base stack
- Smoke stack
- Butterfly valve
- Sap-in float box
- Transfer float box
- Sockets & pan transfers
- Insulation strip
- Smoke stack cover
- Chinese stack cover
- Hood stack (24')
- Full length susp. hood (1' larger than evaporator)
- High Brix hood collar
- 1-1/2" glass sight level for flue pan
- Burner cover
- Base stack protector

### OPTIONS

- Extra flat pan
- Stack roof jack & collar
- Hood roof jack & collar
- Radiant protection
- Catch pan
- Hot water pan
- Flow inverter
- 1-1/2" glass sight level for flat pan
- Suspended hood light
- Flue pan washer
- Coil
- Automatic draw-off
- Flue pan air injector
- Flat pan air injector
- Inlet electric valve
- Transfer electric valve
- Base stack preheater

NOTE: Available with flue pans of 48" and 72".

\*Equipment picture is for illustrative purposes only. The design of some parts may be different.

# STEAM AWAY

## The Steam Away

HARNESS VIRTUALLY FREE ENERGY!



### CHARACTERISTICS

- 90% Distilled water to utilize!
- All Stainless Steel air chamber for back flushing liquid in the pipes
- Removable air pipe ends for easy cleaning
- Just place on top of an existing flue pan
- Can be fitted for flue H<sub>2</sub>O pans, transition required
- For all concentrate applications

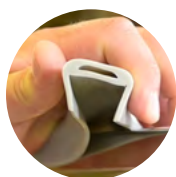
### 50% TO 65% INCREASED EVAPORATION!

By using steam from the flue pan funneled through a heat exchanger, the Steam Away consistently increases evaporator performance by 50 to 65%. This increase is achieved by preheating the sap to as high as 200 degrees and concentrating the sap. The Steamaway is great when used with RO machines!

Sap test entering the Steam Away	8%	10%	12%	15.5%
Sap test leaving the Steam Away	12.2%	15%	18%	22.7%

### STEAM AWAY CONDENSATE RETURN

- 2' x 6' = 0.5 - 1 gallons / minute
- 3' x 8' = 1.5-2.5 gallons / minute
- 4' x 10' = 3-4 gallons / minute
- 6' x 10' = 4-6 gallons / minute



42997

### STEAM AWAY GASKET

Easy, elegant solution to creating a strong seal between your Steam Away and flue pan. U-channel design eliminates need for tape. Grips pan with no slipping and sliding. Won't lift when you raise your Steam Away.





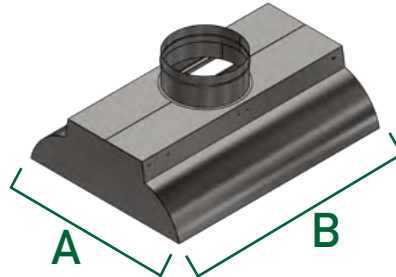
# HOODS & PRE-HEATER



Base stack preheater for sap or permeate



PFH1514X4



Closed hoods



Suspended hoods

## H2O INNOVATION HOODS

### CHARACTERISTICS

- Designed to harness and accumulate steam condensation
- Suspension hooks included 4 windows (closed hoods only)
- 22 ga. stainless steel

### OPTIONAL

- Roof jack & collar
- Stack cover
- Smoke stack
- Hood key



Hood with Full Door



7' Hood Double Door

## LEADER HOODS

Excess steam creates a humid environment that can wreak havoc with sensitive electronics, while also creating an environment for bacteria and mold to thrive. Hoods can be mounted directly on top of pans for complete steam elimination, or suspended above a syrup pan. Leader hoods have a built-in channel drain for condensation, with outlets on both sides.

Leader hoods up to 6' feature full-access doors for complete access to interior of the flue pan or syrup pan. Hoods longer than 7 feet come standard with four doors to access the pan interior. All hoods are equipped with brackets for lifting hoods for pan changes.

## PARALLEL FLOW PREHEATER

Our parallel flow preheaters are the standard in maximizing sap concentration output. Improve boiling rates by 20% if used in combination with a hood.



# STACK AND ACCESSORIES



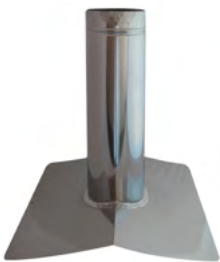
Stainless steel  
smoke and steam stack



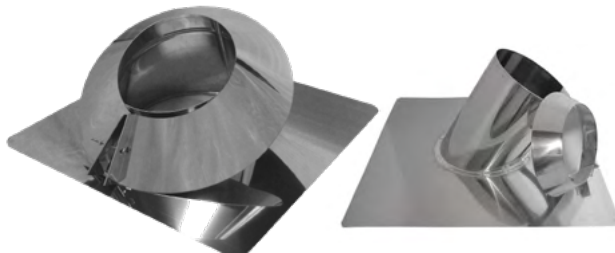
Base stack



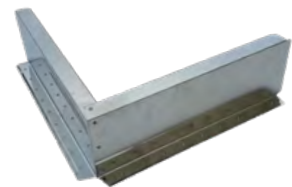
Double layer stack  
(air chamber, non-CSA)



Watertight  
roof jack



Roof jack  
with rain collar



Icebreaker (roof jack guard)



Smoke stack cover 22 ga.



Chinese stack cover 22 ga.



Stainless steel top hat



Stack cover



Finishing sheet for ceiling



Stack thermometer

# TS-PRO AUTO DRAW-OFF

## TS-PRO automatic draw-off / thermoregulator

Product No.	Description
ERATHEH20TS-1	Modulating auto draw-off, 1", threaded, pouring nozzle included
ERATHEH20TS-2	Modulating auto draw-off, 2", tri-clamp, pouring nozzle included
ERATHEH20TS-2D	Modulating auto draw-off, 2 readings with probe selector, 2", tri-clamp, pouring nozzle included



## TS-PRO

In recent years, thermoregulators, commonly known as "automatic draw offs", have become a must, even for producers with fewer taps. A hold up on this trend, on the other hand, was the price. A few affordable models appeared on the market, but they had the disadvantage of being either completely open or completely closed.

The **TS-PRO** revolutionizes the world of "automatic draw offs" with its modulating action, and its affordable price. The multi-position valve will adjust to the slightest tenth of a degree, creating a constant flow adjusted with the temperature, and a more constant movement of the product in the pans. It is offered in 2022 with a 2-inch tri-clamp butterfly valve, or a 1-inch ball valve. The TS-PRO 2 is also available for evaporators equipped with a reversible flow, with 2 probes, 2 controls, and a selector button to change control of the valve to one or the other on the **TS-PRO**.



# EVEN FLOW AUTO DRAW-OFF




## Even Flow automatic draw-off / thermoregulator

Product No.	Description
ERATHEH20PB	EVEN-FLOW modulating and barometric automatic draw-off, 2" tri-clamp, pouring nozzle included
ERATHEH20PB-2D	EVEN-FLOW modulating and barometric automatic draw-off with double temperature reading, temperature probe selector, 2" tri-clamp, pouring nozzle included
ERATHEH20-12	Factory retrofit of EVEN-FLOW automatic draw-off to EVEN-FLOW II automatic draw-off
ERATHESONDE+CONTR	Controller and probe for EVEN FLOW automatic draw-off
ERATHESONDE+CONTR-2D	Controller and probe for EVEN FLOW II automatic draw-off
ERAVALH20-VALR	Motorized valve for automatic draw-off
AUTRTD010006030H	Probe for automatic draw-off
AUTCD12L0B020C0	2m cable for automatic draw-off
TRCGST25U24-P1J	24V wall adapter
SPH-TRD0134A	Stainless steel 1/4" adapter for probe
SPH-153320	Pouring nozzle 2" tri-clamp
ERATHER23	Double pouring nozzle 2" tri-clamp

### CHARACTERISTICS

In order to effectively control the temperature of your syrup pan. The automatic draw-off includes a barometer and a fast motor. This user-friendly interface and its quality connectors will facilitate your work. For every 1 / 10th of a Fahrenheit degree exceeding the value targeted, the valve will open 10%.

 The EVEN FLOW auto draw-off is now equipped with an extra security. If the syrup temperature exceeds of 5°F its set point, an audio signal will warn the operator.



### Adapters

Customize your draw off piping. Full line of sanitary and pipe thread connections. 1/2" to 3" configurations.



# ACCESSORIES AND OPTIONS

## Flow inverter

Product No.	Description
PFH16011/2	Flow inverter 1 1/2" stainless steel
PFH1602	Flow inverter 2" stainless steel
PFH16025	Flow inverter 2-1/2" stainless steel
PFH1603	Flow inverter 3" stainless steel



**NOTE** Price for new H2O Innovation evaporator. Also available for new or used evaporators from other brands or used H2O Innovation evaporators (extra fees apply)

## Catch pan

Product No.	Dimensions	Product No.	Dimensions
PFH138-3-LP	Catch pan 3' x 14", large	PFH138-7-LP	Catch pan 7' x 14", large
PFH138-4-LP	Catch pan 4' x 14", large	PFH138-8-LP	Catch pan 8' x 14", large
PFH138-5-LP	Catch pan 5' x 14", large	PFH138-9-LP	Catch pan 9' x 14", large
PFH138-6-LP	Catch pan 6' x 14", large	PFH138-10-LP	Catch pan 10' x 14", large



\*Narrow models available on request (ex: PFH138-4)

- Evaporators less than 3 ft. : order flat pan equivalent length.  
- Evaporators 3 ft. and more : order a model 3 ft. larger to be able to drain the transfer float box.

## Float box

Product No.	Dimensions
SPH-153101	Input float box, Rookie series - 1 1/2"
SPH-153103	Transfer float box, Rookie series - 1 1/2"
SPH-153102	Input float box with drain - 2" (Evaporator 18" wide)
SPH-153104	Transfer float box with drain - 2" (Evaporator 18" wide)
SPH-153105E	Reversible input float box (Evaporator 24" wide and more)
SPH-153105T	Reversible transfer float box (Evaporator 24" wide and more)
ERABOUCHON	Conical cap arm float



SPH-153105T

## Glass sight level

Product No.	Description
SPH-ERA-32-01A	Complete sight level 1 1/2" for flat pan
SPH-ERA-32-02A	Complete glass sight level 1 1/2" for flue pan (7")
SPH-ERA-32-03A	Complete glass sight level 1 1/2" for flue pan (10")
SPH-ERA-32-05	Complete glass sight level 1/2"
ERAVERRE 5/8X12	Glass only 5/8" x 12"
ERAVERRE3/4X12	Glass only 3/4" x 12"
ERAVERRE5/8X18	Glass only 5/8" x 18"
ERAVERRE11/2X8	Glass only 1 1/2" x 8"
ERAVERRE11/2X12	Glass only 1 1/2" x 12"
COLLANT-SCALE-PAN	Graduated scale sticker for sight level



SPH-ERA-32-01A

SPH-ERA-32-02A

## Water detector

Product No.	Description
ERADETECTEAU	Water level detector (visual and sound)
ERADETECTEAUV	Water level detector - Burner and electric valve control



# ACCESSORIES AND OPTIONS

## Sanitary butterfly valve

Product No.	Description
BTFSS304015	Sanitary butterfly valve s/s tri-clamp 1-1/2"
BTFSS304020	Sanitary butterfly valve s/s tri-clamp 2"
BTFSS304025	Sanitary butterfly valve s/s tri-clamp 2-1/2"
BTFSS304030	Sanitary butterfly valve s/s tri-clamp 3"



BTFSS304020

## Inlet and electric transfer valve

You can have the option with the transfer valves and/or electric inlet, you will need the following components: an automated valve, a water detector and a sight level for flue pan and/or a sight level for flat pan. You will also need to add an electrical outlet to connect your devices.

**NOTE:** Can be manually controlled in case of power outage.

### Automated valves ON/OFF and modulating valves

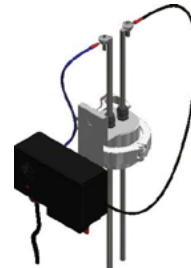
Product No.	Description
ERAVALH20-VAL-020	Butterfly valve ON/OFF 2"
ERAVALH20-VAL-025	Butterfly valve ON/OFF 2-1/2"
ERAVALH20-VAL-030	Butterfly valve ON/OFF 3"

\*Extra fee for threaded NPT or insertion connection.



### Water detector

Product No.	Description
ERADETECTEAU	Water detector and electric valve controller



ERADETECTEAU

### Complete inlet sight level

Product No.	Description
SPH-ERA-32-01A	Complete 1-1/2" sight level for flat pan
SPH-ERA-32-02A	Complete 1-1/2" sight level for flue pan



SPH-ERA-32-01A    SPH-ERA-32-02A

### Electrical outlet

Product No.	Description
PFH16010	Set of 3 electrical outlets installed on the side of the evaporator (sap inlet, transfer and flow)

- Mandatory options when the water detector is connected to the burner.



# ACCESSORIES & MAINTENANCE

## Skimmers and laddles

Product No.	Description
59004	Small skimmer 3-7/8" wide
59003	Large skimmer 5 1/2" wide
PFH425ECU6X8L	Flat skimmer (large) 6" x 8"
59002	Small scoop for evaporator 3-7/8" x 8-1/4"
59001	Large scoop for evaporator 5 1/2" x 8-1/4"
PFH425ECU6X8GR	Perforated skimmer 6" x 8"
PFH425LOU5	Round ladle 5"



PFH425ECU6X8L



59004



PFH425LOU5



59001

## Brushes

Product No.	Description
ERABR003	Spout brush - nylon handle
ERABR004	Spout brush - white nylon 1/4" dia x 3" x 8" long
ERABR020	Inside flue brush, black nylon # 97, 2" x 7"
ERABR025	Inside flue brush, white nylon 1/2" x 7"
ERABR027	Inside flue brush, white nylon, 2" x 7"
ERABR030	Inside flue brush, black nylon 4" x 7"
60056	Outside flue brush Leader Max (11" flues)
60058	Outside flue brush standard



ERABR025



60056



ERABR030



60058

## Bricking accessories

Product No.	Description
65003	3000 °F Full Brick
65006	3000 °F Half Brick
65001	Refractory cement 30 lbs (pail)
65000	Insulboard 1" x 12" x 36"
65190	Vermiculite, 16#



65003  
65006



65001

## Miscellaneous accessories

Product No.	Description
63123	Firing gloves
59005	Hardwood handle
5615	Stainless steel draw-off pail - 13 quart
5616	Stainless steel draw-off pail - 16 quart
PFH425SEAU12	12" dia. x 18" high, bucket with handle and spout
ERAPAL5X40	Wooden paddle for syrup tank



5615



63123







LEADER

LEADER EVAPORATOR CO. INC.

SYM  
BRA

# POLYCARBONATE PRESSES

## Clear Plastic Filter Presses

A filter press is a must-have piece of equipment for sugar makers who pack in glass. Other methods simply don't filter as clearly.

See the syrup going through your press and know when the frames are filling, needing to be changed!

## 7 1/2" Press available in three sizes

Our presses' unique stainless steel screens (instead of waffle plates) offer superior support to papers during filtering: it is very difficult to rupture papers if the press is correctly assembled.

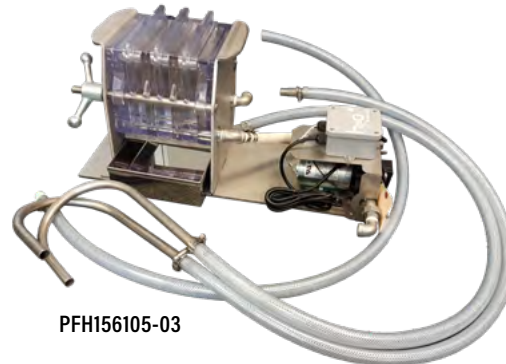
The plastic does not absorb heat from your syrup, keeping the press hot even when filtering small batches. The press will remain warm to the touch, and can often be handled with bare hands (just don't touch the recessed stainless steel screens). Built with 100% food grade materials.



550510



550503H



PFH156105-03

## Polycarbonate 7.5-inch presses (clear)

Product No.	Description
550503H	Clear plastic 7.5" syrup press, 3-frame, 8 to 15 gallons with hand pump
PFH156105-03	Clear plastic 7.5" syrup press, 3-frame, 8 to 15 gallons with electric pump and assembly
550505A	Clear plastic 7.5" syrup press, 5-frame, 25 to 40 gallons with air diaphragm pump
550510A	Clear plastic 7.5" syrup press, 10-frame, 60 to 80 gallons with air diaphragm pump
68744A	7.5" Stop plate
550505BA	5 Frame Bank Only
550510BA	10 Frame Bank Only
55088S	Plastic Filter Press : End Plate "Head" w/inserts
55092S	Plastic Filter Press : End Plate "Tail"
55076D	Plastic Filter Press : Frame
55097S	Plastic Filter Press : Screen Plate

## CHARACTERISTICS

- Filtering conditions vary throughout the season. Ratings are based on proper filter aid usage with average filtering syrup.

# 10-INCH SYRUP FILTER PRESS

## 10-inch syrup filter press

Product No.	Description
<b>WITHOUT PUMP</b>	
PFH156107	Syrup filter press 3 plates 10" without pump
PFH156110	Syrup filter press 6 plates 10" without pump
PFH156113	Syrup filter press 9 plates 10" without pump
<b>DIAPHRAGM PUMP</b>	
PFH156107-02	Syrup filter press 3 plates 10" with ass. 1/2" pneumatic diaphragm pump
PFH156110-02	Syrup filter press 6 plates 10" with ass. 1/2" pneumatic diaphragm pump
PFH156113-02	Syrup filter press 9 plates 10" with ass. 1/2" pneumatic diaphragm pump
<b>ELECTRIC PUMP</b>	
PFH156107-06	Syrup filter press 3 plates 10" with 6gpm electric pump
PFH156110-06	Syrup filter press 6 plates 10" with 6gpm electric pump
<b>PISTON PUMP</b>	
PFH156110P	Syrup filter press 6 plates 10" assembled, hoses with s/s piston pump 275 gal./h
PFH156113-08	Syrup filter press 9 plates 10" with piston pump



PFH156110-02

## Pumps for syrup filter press

Product No.	Description
DYIDSABC02	Regulator 1/4" for diaphragm pump
55130	Hand diaphragm pump
DYIDS04SAITSS02-1/2	Stainless steel diaphragm pump 1/2"
PRO-04-02	Pneumatic diaphragm pump assembly with base & valves
DYIDS04SAITSS01	Diaphragm pump 1"
SHU2088-594-154	Electric diaphragm pump 3 gal./min
08601500A	Electric diaphragm pump 6gal./min
PRO-04-04	3gpm Electrical syrup pump with starter
PRO-04-05	6gpm Electrical syrup pump with starter
PRO-04-03	3gpm Electrical syrup pump assembly with base and valves
PRO-04-06	6gpm Electrical syrup pump assembly with base and valves
PRO-04-08	Assembly for 275 piston pump with base and valves
ERAPOMS-275	Piston pump, 275 gal./h, engine 1/2 c.v. s/s
ERAPOMS-600	Piston pump, 600 gal./h, engine 3/4 c.v. s/s



PRO-04-06

## Accessories for syrup filter press

Product No.	Description
SPH-PRE1210A	1/2" U-shaped tube for syrup filter press
SPH-PRE3410A	3/4" U-shaped tube for syrup filter press
SPH-PRE1010A	1" U-shaped tube for syrup filter press
ERABLFIL7	Filtration block 10", 3 plates
ERABLFIL10	Filtration block 10", 6 plates
ERABLFIL13	Filtration block 10", 9 plates
PRI512E-1	Waffle plate 10"
PRI512A-1	Hollow plate 10"
PRI512H	Spacing bar for 9 x 10" plates
SPH-156110-0003	10" Dividing plate for syrup filter press
WIK9200015	Pressure gauge 0 - 100 psi low socket 1/4 s/s



PRO-04-02



PRO-04-04



SPH-PRE3410A

# 20-INCH SYRUP FILTER PRESS



Overall dimensions  
76"L x 30"W x 48"H

## CHARACTERISTICS

- Integrated valve system with all the sanitary accessories
- Separation plate included - to use less plates
- Valve to drain the press before cleaning maintenance
- Pan that drains automatically
- Rotates 180° on wheels
- Offset handle for ease of maneuvering, cleaning and assembly
- Stainless steel diaphragm pump
- Pre-heating / desugaring function
- 100% pneumatic
- Sampling valve for test tubes

## 20-inch syrup filter press

Product No.	Description
PFH156120-7	Syrup filter press 7 plates 20" with 1" pneumatic diaphragm pump
PFH156120-9	Syrup filter press 9 plates 20" with 1" pneumatic diaphragm pump
PFH156120-11	Syrup filter press 11 plates 20" with 1" pneumatic diaphragm pump
SPH-156-02	Hollow plate
SPH-156-03	Thin waffle plate
SPH-156120-0005	Division plate for 20" syrup filter press
SPH-156120-4009	20" Filter press - Adapter allowing the addition of plates, going from 7 to 9 plates
SPH-156120-4012	20" Filter press - Adapter allowing the addition of plates, going from 7 to 11 plates

# DRAW-OFF TANKS



PFH155220DBL

## CHARACTERISTICS

- Thermal insulation to maintain heat
- Valve set
- Stainless steel plumbing
- Cover with handles

### Insulated double draw-off syrup tank (cover and valves included)

Product No.	Description
PFH155220DBL	Double draw-off tank 18" x 44" x 31"H (2 x 20 gal.)
PFH155440DBL	Double draw-off tank 22" x 60" x 31"H (2 x 40 gal.)
PFH155260DBL	Double draw-off tank 25" x 82" x 31"H (2 x 60 gal.)
ERA412718067633	PRUNO syrup paddle 6" x 48"
ERA412718067634	PRUNO syrup paddle 6" x 60"



ERA412718067633



# ROUND DRAW-OFF TANKS & CONE FILTER TANKS

## Round draw-off tank

Product No.	Description
PFH155105R	Round draw-off tank s/s 9" x 20" 5 gal. US
PFH155112R	Round draw-off tank s/s 15" x 20" 12 gal. US
PFH155125R	Round draw-off tank s/s 21" x 26" 25 gal. US
PFH155135R	Round draw-off tank s/s 21" x 30" 35 gal. US
PFH155140R	Round draw-off tank s/s 23" x 31" 40 gal. US
PFH148005	Pouring nozzle 1/2 NPT
PFH148007	Pouring nozzle 3/4 NPT
PFH1551636	Syrup mixer 36" long



PFH155112R



PFH1551636

## Wheel support for draw-off syrup tank

Product No.	Description
PFH155112SR	Wheel support for draw-off syrup tank 15" (12 gal.)
PFH155125SR	Wheel support for draw-off syrup tank 21" (25/35 gal.)
PFH155140SR	Wheel support for draw-off syrup tank 23" (40 gal.)



PFH155112SR

## Syrup filter support

Product No.	Description
PFH155105F	Syrup filter holder s/s 9" (1 hole - 5 gal.)
PFH155112F	Syrup filter holder s/s 15" (1 hole - 12 gal.)
PFH155112F2	Syrup filter holder s/s 15" (2 holes - 12 gal.)
PFH155125F	Syrup filter holder s/s 21" (2 holes - 25/35 gal.)
PFH155140F	Syrup filter holder s/s 23" (3 holes - 40 gal.)



PFH155112F2

## Cone filter tank (1/2" faucet not included)

Product No.	Description
55068A	Filter tank for 1 cone filter (approx. 9" sq.)
55069A	Filter tank for 2 cone filter



55068



55069

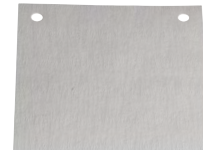
# FILTRATION ACCESSORIES

## Filtration accessories

Product No.	Description
ERA17024PFILRD	Prefilter round press 24" (12/pkg)
ERA17024PRRD	Round filters 24" (1/pkg)
ERA170POLY10	Polyester filters 10" (18/pkg)
ERA170POL7	Polyester filters 7" (18/pkg)
64048	7.5" Filter press paper (400 per case)
ERA170PR10BL	Paper filter - white 10" (400 filters)
ERA170PR10GBL	Paper filter with loop 10"
ERA170PR7BL	Paper filter - white 7" (400 filters)
ERA1701080	Orlon filter # 8 (yellow hat)
ERA170108P	Polyester filter # 8 (white hat)
ERA170108PFE	Paper filter # 8 (12 pre-filters/pkg)
ERA17036X360	Orlon filter 36" x 36"
ERA170POU	Filter aid Celite 545, 50 lbs bag
ERA170POUHY	Filter aid Celite Hyflo, 50 lbs bag
64046	Filter aid Dicalite, 50 lbs bag, food grade
64046P39	Pallet 39ct - Filter aid Dicalite, 50 lbs bag, food grade
ERAGRAI140Z	Food grade grease 14 oz. 
ERA170PR20BLH	Paper filter 20" H2O (250 filters) 
ERA170PR18BL	Paper filter 18" LS (200 filters)
ERA170PR7BL-T	Paper filter 7" Teknik (400 filters - case)
ERA1701224PFILRD	Prefilter for 12" round press (12/pkg)



64040



ERA170PR10BL



ERA170POU



64046



ERA1701080

## Sap filter

Product No.	Description
AQUF-BPGS02P	Sap filter bag
ERA170105	7" support for 1-1/2" sap filter
ERA170116A	7" x 16" 50 microns loop sap filter
ERA170116L	7" x 16" 50 microns eyelet sap filter
ERA170120	7" support for 2" sap filter
ERA170130A	7" x 30" 50 microns loop sap filter
ERA170130L	7" x 30" 50 microns eyelet sap filter
64052	Pop-on filter head
64055	17" pop-on bag
64058	33" pop-on bag

## Syrup filters

Product No.	Description
64019	36" x 36" Syrup synthetic filter
64016	24" x 30" Synthetic filter (sold individually)
64022	5 Quart Synthetic filter (sold individually)
64025	8 Quart Synthetic filter (sold individually)
64004	36" x 36" Rayon prefilters (12 pack)
64001	24" x 30" Rayon prefilters (12 pack)
64007	36" x 60" Rayon prefilters (12 pack)
64013	Cone type prefilters (12 pack)



64019

# SYRUP MIXERS



PFH157350



VULC 450

## Syrup mixers

Product No.	Description
PFH157150	Syrup mixer including square insulated tank of 150 US gal. and adjustable legs
PFH157350	Syrup mixer including square insulated tank of 350 US gal. and adjustable legs
SPH157250	Syrup mixer including support and motor, without tank, designed for 4' feet high tank

## CHARACTERISTICS

- Insulated tank for batching
- Integrated pump to add permeate
- Sight level with densimeter cup
- 1/3 HP Mixer
- Adjustable legs for barrels
- Insulated cover
- Can also be used as a remixer to work the buddy syrup
- Also available in option: digital continuous °Brix reader
- 350 Gal. : 60" x 60", with adjustable legs from 79" to 126"



# CANNING UNITS

## Water jacket canning tank, stainless steel

Product No.	Description
55100A	18 gal. capacity tank, 1/2" syrup outlet (heating element, faucet and stand not included)
55105A	Stainless steel stand for 18 gal. water jacket tank w/ shelf
55075A	40 gal. capacity tank with two heating elements and two 1/2" syrup outlets (faucet and stand not included)
55058A	Stainless steel stand for 40 gal. water jacket tank w/ shelf
55102	3,000 watt heat element with thermostat - (18 gal. only)
55103	5,000 watt heat element with thermostat - (18 gal. only)



55100A - 18 gal.  
55105A - Stand

55075A - 40 gal.  
55058A - Stand

## CHARACTERISTICS

- These tig welded units have a double tank. The outside tank is a water jacket with 220 volt heating elements to keep the syrup at 180°F for canning.

## Gas-fired filter & canning units

Product No.	Description
55041K	Pan, filter rack, cover & arch - 16" x 16"
55042A	Pan, filter rack & cover - 16" x 16"
55044	Cover - 16" x 16"
55045	Rack - 16" x 16"
55048A	Arch - 16" x 16"
55021K	Pan, filter rack, cover & arch - 16" x 24"
55022A	Pan with rack & cover - 16" x 24"
55024A	Cover - 16" x 24"
55025A	Rack - 16" x 24"
55026A	Arch - 16" x 24"
61019	Dial thermometer 3 x 6 (0-250°)



55041K

55021A

## CHARACTERISTICS

- 16" x 16": Perfect for filtering and canning syrup for the small operator. Capacity: 8 gals. to bottom of rack. (Dial Thermometer and 1/2" faucet not included)
- 16" x 24": Ideal for filtering and canning syrup. Pan capacity below filter approx. 15 gallons. Comes complete with stainless steel pan, filter rack cover, stand with adjustable legs and container tray, 40,000 B.T.U. L.P. burner, hose, regulator, and thermometer fitting.

## Ball valve for canning units



61139

Product No.	Description
60100	1/2" Stainless steel ball valve
61139	1/2" Stainless steel ball valve with nozzle
61137	1/2" Stainless steel nozzle, tip only, male thread

## Draw-off elbows



Product No.	Description
3500	Draw-off elbow 1/2"
3500EXT	Draw-off elbow extension 1/2"
3503	Draw-off elbow 3/4"
3504	Draw-off elbow 1"
3505	Draw-off elbow 1 1/2"
3506	Draw-off elbow 2"

# BOTTLER, FINISHING EVAP. & TAFFY PANS

## Water-jacketed bottler

Product No.	Description
PFH158112R	12 gal. water-jacketed bottler 15" D x 20" H, 1 element
PFH158135R	35 gal. water-jacketed bottler 23" D x 35" H, 1 element
PFH158135R-2	35 gal. water-jacketed bottler 23" D x 35" H, 2 elements
WATBCN16N10SE	3000W heating element
PFH158208	Replacement power cord, 10 feet
PFH15824X24	Stainless steel table 24" x 24" with adjustable tray

### INCLUDED

- 10' electrical cord per element.  
Ex: 2 elements = 2 electrical cords



PFH158135R



PFH158112R



PFH15824X24

## Finishing Evaporators — Gas Fired

Perfect little finishing rig for the small volume producer who wants to sell quality syrup. Sturdy iron, two-burner gas stand with valves and regulator, S/S tig-welded pan, and 1" threaded fitting in bottom. Capacity: 28 gallons

Because it's gas fired, this finishing rig gives sugar makers the greatest possible control over their final product. Gas heat is easily adjusted and can be completely shut off when syrup reaches the correct density. Operates on bottled gas. Comes complete with stainless steel pan.

Product No.	Description
481632K	16" x 34" Gas finisher (complete with 2-burner stand)
481632PA	16" x 34" Pan only - Capacity 28 gallons
481632C	16" x 34" Pan cover
55032MA	Dual burner for 16x34. BTU max.: 120,000



## Taffy pan (s/s 20 ga.)

Product No.	Dimensions
PFH14812X12	12" x 12" without drain
PFH14814X14	14" x 14" without drain
PFH14816X16	16" x 16" without drain
PFH14824X24	24" x 24" without drain
PFH14824X36	24" x 36" without drain
PFH148COU16X16	Pan cover 16" x 16"

Product No.	Dimensions
PFH14812X12DR	12" X 12" with drain
PFH14814X14DR	14" X 14" with drain
PFH14816X16DR	16" x 16" with drain
PFH14824X24DR	24" x 24" with drain
PFH14824X36DR	24" x 36" with drain



PFH14812X12DR

# VACUUM BOTTLING



## Handy Filler

Ideal for hobby retailers. Slim, light and mobile design for any size sugar makers. Easily switch between various glass sizes and small containers. Single hand operation vacuum filler that eliminates the potential of messes versus traditional fillers. Can draw above grade from even a kitchen pot.

### CHARACTERISTICS

- All food grade design
- Stainless steel body
- Easy to clean parts
- Removable lines
- Waterproof switch
- Glass jars overflow
- Grip feet
- Adjustable syrup level
- Filler hang bracket
- Diaphragm pump

Product No.	Description
61180	Handy Filler - 110V vacuum filler

## Vacuum Filler for Glass Bottles

Product No.	Description
61150	Vacuum filler 110V



### CHARACTERISTICS

Great for repetitive, high-volume glass bottle filling. Ideal for 40/50ml nip bottles. Eliminates messy spills from overfilling. Easy to clean base and parts. Not recommended for plastic jugs.

# AUTOMATIC BOTTLING



Available Spring 2024!

## The Fill-Stop is back!

All new valve control design and easy to use start and auto stop control will make quick work of syrup filling. This popular valve includes all stainless steel and food grade valve parts. Adjustable wire probe ensures that you can set it and forget it, no need to keep adjusting for every jug. Recommended to use with an existing ball valve to reduce volume for smaller bottles. Runs on 110V.

### Fill-Stop

Product No.	Description
61110	Fill-Stop - All stainless steel dispense valve   110 V

## High volume syrup bottling

Maximize your bottle efficiency with the H2O bottling system. The new 2.0 is easy to use, fast cleaning, and fully adjustable. Designed with quality materials for reliable filling.

### H2O Innovation bottling system

Product No.	Description
ERAEMB360	Bottling system with many adjustments
ERAEMB360-PK	Spare parts kit for H2O bottling system (ERAEMB360)

### CHARACTERISTICS

- 425 bottles/hour (250 ml bottles)
- Consistent syrup level
- Adjustable plug clamping force
- Work table with adjustable height
- Adjustable cap holder up to 1"
- Easy to clean
- Bottles various formats
- Miniature filling nozzle available for 50 ml bottle (optional)

### INSTRUMENTATION

- Adjustable liquid level
- Simple and fast programming
- Liquid pump included
- Recirculation of surplus flow
- Requires 120V power supply
- Requires connection to an air compressor
- Maximum of 200 °F



# BARRELS & ACCESSORIES

## Stainless steel barrels - BARINOX

Product No.	Description
ERABARILINOX34-304	Barrel 34 gal. (40 gal. US)
ERABARILINOX34-3042T	Barrel 34 gal. (40 gal. US) 2 bungs
ERABARILINOX34-3042TDC	Barrel 34 gal. (40 gal. US) 2 bungs (1 on the side)
ERABARILINOX40-304	Barrel 40 gal. (48 gal. US)
Add -L at the end of your BARINOX barrel code for the lettering option (Applicable on all models above)	
(CODE) -L	Lettering on barrel / per line, 14 characters per line and 2 lines max.



## Stainless steel barrels - INOVADRUM

Product No.	Description
ERABARINOV34-301	Barrel 301 34 gal. (40 gal. US)
ERABARINOV34-3012T	Barrel 34 gal. (40 gal. US) 2 bungs
ERABARINOV45-301	Barrel 301 45 gal. (54 gal. US)
Add -L at the end of your INOVADRUM barrel code for the lettering option (Applicable on all models above)	
(CODE) -L	Lettering on barrel / per line, 14 characters per line and 2 lines max.



**NOTE** Additional fees to increase the number of plugs or change their location.

## Barrel accessories

Product No.	Description
ERA412CLEFON	Cast iron drum key
ERABARBOU3/4INOX	Cap for stainless steel barrel 3/4"
ERABARBOU2INOX	Cap for stainless steel barrel 2"
ERABARBOU2PL	Cap for plastic barrel 2"
ERABARBOU2Z	Cap for zinc barrel 2"
PFH-ERALEVBAR	Barrel lever
PFH425ENTON	Barrel funnel
PFH15740	Pneumatic barrel vacuum
63073	Drum pump air dispenser
PFH157410	Stainless steel barrel transfer 1"
PFH157410-A	Additional adapter
63074	Air pressure regulator



# GLASS BOTTLES

## MARASCA Bottles

The Marasca Bottle has tons of possibilities. It is well suited for maple syrup sales in retail outlets because of its compact footprint and clean, straight sides for label application. It is also suited for many other liquid products, from oils to liqueurs. Caps included.

### Marasca bottles

Product No.	Description
7106	Marasca plain glass bottle 8.45oz / 250ml
3612	Marasca plain glass bottle 16.9oz / 500ml

### ETCHED

67550	Marasca etched glass bottle 8.45oz / 250ml
67465	Marasca etched glass bottle 16.9oz / 500ml



## GALLONE Bottles

The Gallone bottle has a classic old fashioned jug shape that appeals to a wide variety of customers. It has a round base and wide mouth, making it easier to fill than some other options. Caps included.



## HANDLE Bottles

The Handle Bottle is one of our most popular bottles. It is also an economical choice without sacrificing looks or quality. Caps included.

## Shrink & foil tops for glass bottles

Product No.	Description
67470A	Gold foil large
67473	Silver foil large
67474	Gold shrink large
67471	Gold shrink medium (24ml)
67477	Gold shrink small (18ml)
67478	Silver shrink w/ Maple Leaf (50ml)



## Gallone bottles

Product No.	Description
4204	Gallone glass bottle 1.3oz / 40ml
584	Gallone glass bottle 8.45oz / 250ml
587	Gallone glass bottle 16.9oz / 500ml
67555	Gallone glass bottle Half Gallon
67556	Gallone glass bottle Gallon

## Handle bottles

Product No.	Description
67485	Handle glass bottle 8.45oz / 250ml
67487	Handle glass bottle 12oz / 355ml

# GLASS BOTTLES

## MAPLE Glass Bottles

It's no wonder these bottles are a popular choice for packaging and selling maple syrup. The beautiful design is evocative of the forest and trees from which the syrup arises. Clear bottles show off the delicious color of the syrup. And they make amazing gift items. We have these bottles in several different sizes, available in odd quantities or case lots.

Available with gold or white caps (except 50ml, only gold).

### Maple glass bottles

Product No.	Description
67475	Maple glass bottle 1.7oz / 50ml
67445	Maple glass bottle 3.4oz / 100ml
67476	Maple glass bottle 8.45oz / 250ml
67441	Maple glass bottle 16.9oz / 500ml
67464	Maple glass bottle 25.3oz / 750ml



### Decanter bottles

Product No.	Description
67499	Decanter bottle 16oz Flip Top
67499G	Decanter bottle 16oz Gold Metal Top
67498	Decanter bottle 32oz Flip Top
67498G	Decanter bottle 32oz Gold Metal Top



### DECANTER Bottles

The Decanter glass bottle is a hardy standby that is also one of our most popular bottles. It offers an economical choice in glass that requires no sacrifice in appearance or quality. Includes a black plastic flip top cap.

### Jug bottles (nips)

Product No.	Description
67442	Jug bottle 1,7oz



### JUG Bottles (NIPS)

Perfect sampler sized bottle for inclusion in gift boxes, to offer as corporate gifts, or as impulse buys on the counter of your store, this bottle has an old time feel with the pleasing see-through-ability of glass.

# JUGS



## Maple syrup jugs (1000 min. per order)

H2O No.	Leader No.	Description
AMP3,4OZ	-	Jug 3/4 oz - cap included   case of 100
AMP1/2PINT	67419AS	Jug 1/2 pint - cap included   case of 100
AMPINT	67418AS	Jug pint - cap included   case of 100
AMPQUART	67417AS	Jug quart - cap included   case of 100
AMP1/2GAL	67416AS	Jug 1/2 gallon - cap included   case of 50
AMPGAL	67415AS	Jug gallon - cap included   case of 24



## 3-Color Sugar Hill Style - plastic jugs

Vermont	New-York	All States	Description
67183	67219	67201	Gallon
67186	67222	67204	Half Gallon
67189	67225	67207	Quart
67192	67228	67210	Pint
67195	67231	67213	Half Pint
67198	67234	67216	100ml jug

All of our cans and jugs are correctly-sized for hot pack maple syrup.



## Shipping cartons for jugs

Product No.	Description
66072	1-Pint
66075	1-Quart
66078	1-Half Gallon
66081	1-Gallon
66087	24-Half Pint
66090	12-Pint
66093	12-Quart
66096	6-Half Gallon
66099	4-Gallon



## Caps for jugs

Product No.	Description
67406	Large plastic caps
67409	Small plastic caps
67495	Cap for glass bottles





# CANDY & CREAM

## Maple Cream Mixer with 1HP pump

The maple cream mixer allows you to transform your maple syrup into maple cream easily. With its 3-gallon capacity, the production process takes about 5 minutes to produce the unit capacity. The design of this equipment makes it easy to disassemble and clean. Making maple cream has never been easier.

### Maple cream mixer with 1HP pump

Product No.	Power	Capacity
PFH15710	1 HP	3 gallons

### CHARACTERISTICS

- Removable and graduated funnel, facilitating cleaning
- 1HP pump



## Maple Cream Machine

This sturdy, reliable unit makes creaming simple and very profitable for any sugar maker. Large 16" dia. pan and fully adjustable paddles are formed from top quality stainless steel. The turntable revolves on a gear reduction motor and is driven by a 1/4 hp motor.

### Maple cream and maple sugar machine

Product No.	Description
582001A	Maple cream machine

### CHARACTERISTICS

- Robust equipment and easy to use
- Large 16 inch of diameter pan
- Adjustable stainless steel paddles
- 1/4 HP motor
- Specifically designed for big batches of maple cream or maple sugar



## Sipple Sugar Maker Machine

Triple your profit on each gallon of syrup by converting it to maple candy. The efficient Sipple Sugar Maker Machine, powered by a gear reduction motor, greatly reduces the labor-intensive job of maple candy making. The stainless steel worm efficiently reduces grain to bring out the finest quality maple texture. The stainless steel pan, sometimes called a pig, is double seamed throughout for longer life. The pig's snout is a built in funnel and is designed for a non-clog positive flow and is equipped with a spout and shut-off control. Makes 15 pounds per batch. All fabricated from the highest quality food grade stainless steel.

### Maple candy making machine

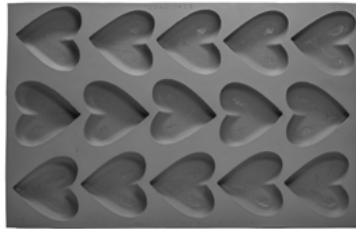
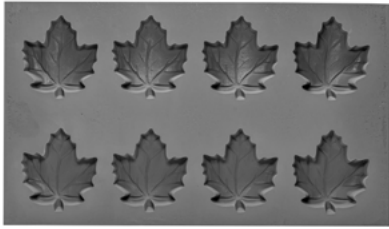
Product No.	Description
5801	Maple candy making machine

### CHARACTERISTICS

- Stainless steel auger reduces grain and produces a very fine sugar
- Produces 15 lbs per production lot
- Designed for candies but can also make a small quantity of maple cream



# MOLDS & ACCESSORIES



## Rubber Candy Molds

These are the modern, economical and sanitary method of making a large variety of uniform, eye-appealing, delicious candy, as well as cake decorations and novelties. We have dozens of shapes and sizes, from maple leaves to turkeys, from Santa to pumpkins. Check our website for the full selection. We also offer plastic molds.

### Our Top10 Candy Molds

Product No.	Description
<b>Maple Leaf</b>	
581137	8 cavity / 2 oz.
581138	12 cavity / 1 oz.
581204	72 cavity / 1 oz.
581243	20 cavity / 1/3 oz.
581301	160 cavity / 1/3 oz.
<b>Other models</b>	
58DEMO	Demo
581056	Hearts - 15 cavity
581477	Snow Flake
581465	Flowers and Leaves



Digital candy thermometer, tilting readout unit & flip open cover  
61005



### Maple Cream Plastic Jars

Product No.	Description
582101	1/2 lb jar
582102	1 lb jar

### CHARACTERISTICS

\* Hot pack container with pressure-sensitive sealing cap.



### Maple Cream glass jars

Product No.	Description
582103	1/2 lb
582104	1 lb

### CHARACTERISTICS

\* Tight-fitting metal lid & straight sides

# INSTRUMENTS

- Robust design - Heavy Duty and built to Last
- Ergonomic Handle - easy on the hand, perfect to grab, lift, and test in one motion
- Fits all size Draw off tanks - Evenly balanced, for both wide and narrow tank lips
- Wide Base - Sturdy extended base for hanging on the side of the tank
- Available in 1", 2" short, and 2" long for sap

**NEW!**



*" This might just be the best Hydrometer cup ever crafted "*

## Hydrometer cups

Hydrometer testing cups

PFH425GOBDEN9	9"
PFH425GOBDEN12	12"
59000	1"



See the product  
on our website



# INSTRUMENTS

## Hydrometers & hydrotherms



Hydrometer 0° to 10° Brix  
ERA412DEN0/10



Hydrometer 0° to 15° Brix  
ERA412DEN0/15



Sap hydrometer - calibrated to 38°  
61041\* 12" - 0 to 10° Brix



Syrup hydrometer 45° to 75° Brix  
ERA412DEN45/75



Syrup hydrotherm - no numbers  
ERA412HYD



Maple syrup hydrometer - 51° to 71° Brix  
61040\* 9<sup>3/8</sup>" - short test cup  
61043\* 12" - tall test cup

\*VT State inspected instrument

## Refractometers



Refractometer 0°- 10° Brix  
| Maple sap  
ERAH20101



Refractometer 0°- 30° Brix  
| Concentrate  
ERAH20103



Refractometer 0°- 80° Brix  
| Syrup  
ERAH20108



## Thermometers

Full line of syrup and canning thermometers for all pan types

## Calibration

Product No.	Description
ACERDEF	Off-flavor set
ACERCOL05NCL	Acer color syrup classification IISE/IMSI
ERAH17033	Calibration solution for refractometer 500ml

## Sampling

Product No.	Description
62106E	Sampling bottle 1oz (30ml) - bottle only
CAPSAM-10Z	White lid for 1oz (30ml) sampling bottle
ERA67.743	Test tube for sampling (by unit)
ERA65.803	Test tube caps (by unit)

CAPSAM-10Z



62106E

ERA65.803



ERA67.743

\*Need to order the 2 parts separately

# PACKING SUPPLIES

Metal signs 18" x 24" (can't be shipped via UPS)

Product No.	Description	Product No.	Description
62025	All States	66053	West Virginia
62028	Vermont	62043	Ohio
62031	New York	62046	Pennsylvania
62034	Connecticut	62049	Massachusetts
62037	New Hampshire	62052	Michigan
62040	Maine	62055	Wisconsin
62033	Rhode Island	62030	Indiana
66054	Virginia	62027	Ontario (Canada)
		62026	Pure Organic



**Lovibond Grading Comparator**

Product No.	Description
62091	Maple syrup grading comparator



**Maple Syrup Grading Kit**

Product No.	Description
62081	Glycerin maple syrup grading kit

**Folded Hand Cards**

Product No.	Description
67015	1-1/2" x 2-1/2" card



**Gold cord (for hang cards)**

Product No.	Description
67033	Gold cord



Product No.	Description
67013	Work on nip bottles only



**4 Color Pressure Sensitive Label**

Product No.	Description
67007	8 oz.
67010	12 oz.



3" x 4"



3" x 6"

**Labels for Decanter Bottles (16 oz. & 32 oz.)**

Product No.	Description
67012	Front label for 16 oz. bottle - 3" x 4"
67014	Back label for 16 oz. bottle - 3" x 4"
67018	Front label for 32 oz. bottle - 3" x 6"
67019	Back label for 32 oz. bottle - 3" x 6"

\*FRONT LABEL available for: VT, NY, WI, MN, NH, MA, OH, All States  
BACK LABEL featured nutritional labels and sugar replacement chart.

**Grading Stickers (maple leaf shaped)**



Product No.	Description	Product No.	Description	Product No.	Description
62090	Golden US	62096	Golden VT	62112	Golden NY
62092	Amber US	62097	Amber VT	62113	Amber NY
62093	Dark US	62098	Dark VT	62114	Dark NY
62095	Very Dark US	62099	Very Dark VT	62115	Very Dark NY

# PIPING

## PVC SCH40



SPE400-012

PVC piping SCH40 (white)

SPE400-010	1"
SPE400-012	1-1/4"
SPE400-015	1-1/2"
SPE400-020	2"
SPE400-025	2-1/2"
SPE400-030	3"



SPE400-010L

PVC piping SCH40 (clear)

SPE400-005L	1/2"
SPE400-010L	1"
SPE400-012L	1-1/4"
SPE400-015L	1-1/2"
SPE400-020L	2"

## Flexible tubing

Product No.	Description
TUYCL010ID	1" ID x 1" 1/2 OD - 100' Polyethylene clear hose
TUYCL012ID	1" 1/4 ID x 1" 3/4 OD - 50' Polyethylene clear hose
TUYCL015ID	1" 1/2 ID x 2" OD - 50' Polyethylene clear hose
TUYCL020ID	2" ID x 2" 1/2 OD - 50' Polyethylene clear hose
TUYCL9/16ID	9/16" ID x 15/16" OD - 100' (blue line) Polyethylene clear hose
TUYPR1/2	1/2" Polyethylene grey hose for syrup filter press - 400'
TUYTR005ID	1/2" x 3/4" OD - 500' Clear reinforced hose
TUYTR007ID	3/4" x 1" OD - 200' Clear reinforced hose
TUYTR010ID	1" x 1" 1/2 OD - 200' Clear reinforced hose
TUYTR012ID	1" 1/4 x 1" 3/4 OD - 100' Clear reinforced hose
TUYTR015ID	1" 1/2 x 2" OD - 100' Clear reinforced hose
TUYTR020ID	2" x 2" 1/2 OD - 50' Clear reinforced hose
TUYSUC010ID	1" Suction hose
TUYSUC012ID	1 1/4" Suction hose
TUYSUC015ID	1 1/2" Suction hose
TUYSUC020ID	2" Suction hose



TUYTR005ID



TUYCL9/16ID

## Teflon

Product No.	Description
W-RUBTEFVERT	Green heavy duty teflon

## Glue and primer

Product No.	Description
W-OAT31526	Clear primer 237ml
W-OAT31511	Grey glue for PVC 237ml
W-OAT31513	Grey glue for PVC 946ml
W-OAT31536	Clear glue for PVC 237ml



# QUICK ADAPTERS (CAMLOCKS)



## (1) PA005P

FPT x male coupling (part A)

PA005P	1/2"
PA007P	3/4"
PA010P	1"
PA012P015	1-1/4" x 1-1/2"
PA015P	1-1/2"
PA020P	2"

## (2) PB005P

MPT x female coupling (part B)

PB005P	1/2"
PB007P	3/4"
PB010P	1"
PB012P015	1-1/4" x 1-1/2"
PB015P	1-1/2"
PB020P	2"

## (3) PC005P

Male insertion x female coupling (part C)

PC005P	1/2"
PC007P	3/4"
PC010P	1"
PC012P015	1-1/4" x 1-1/2"
PC015P	1-1/2"
PC020P	2"

## (4) PD005P

FPT x female coupling (part D)

PD005P	1/2"
PD007P	3/4"
PD010P	1"
PD012P015	1-1/4" x 1-1/2"
PD015P	1-1/2"
PD020P	2"

## (5) PE010P

Male insertion x male coupling (part E)

PE005P	1/2"
PE007P	3/4"
PE010P	1"
PE012P015	1-1/4" x 1-1/2"
PE015P	1-1/2"
PE020P	2"

## (6) PF012P

MPT x male coupling (part F)

PF005P	1/2"
PF007P	3/4"
PF010P	1"
PF012P015	1-1/4" x 1-1/2"
PF015P	1-1/2"
PF020P	2"

## (7) PDC015P

Female cap (part DC)

PDC005P	1/2"
PDC007P	3/4"
PDC010P	1"
PDC012P	1-1/4"
PDC015P	1-1/2"
PDC020P	2"

## (8) PDP015P

Male plug (part DP)

PDP005P	1/2"
PDP007P	3/4"
PDP010P	1"
PDP015P	1-1/2"
PDP020P	2"

## (9) PG010

Gasket

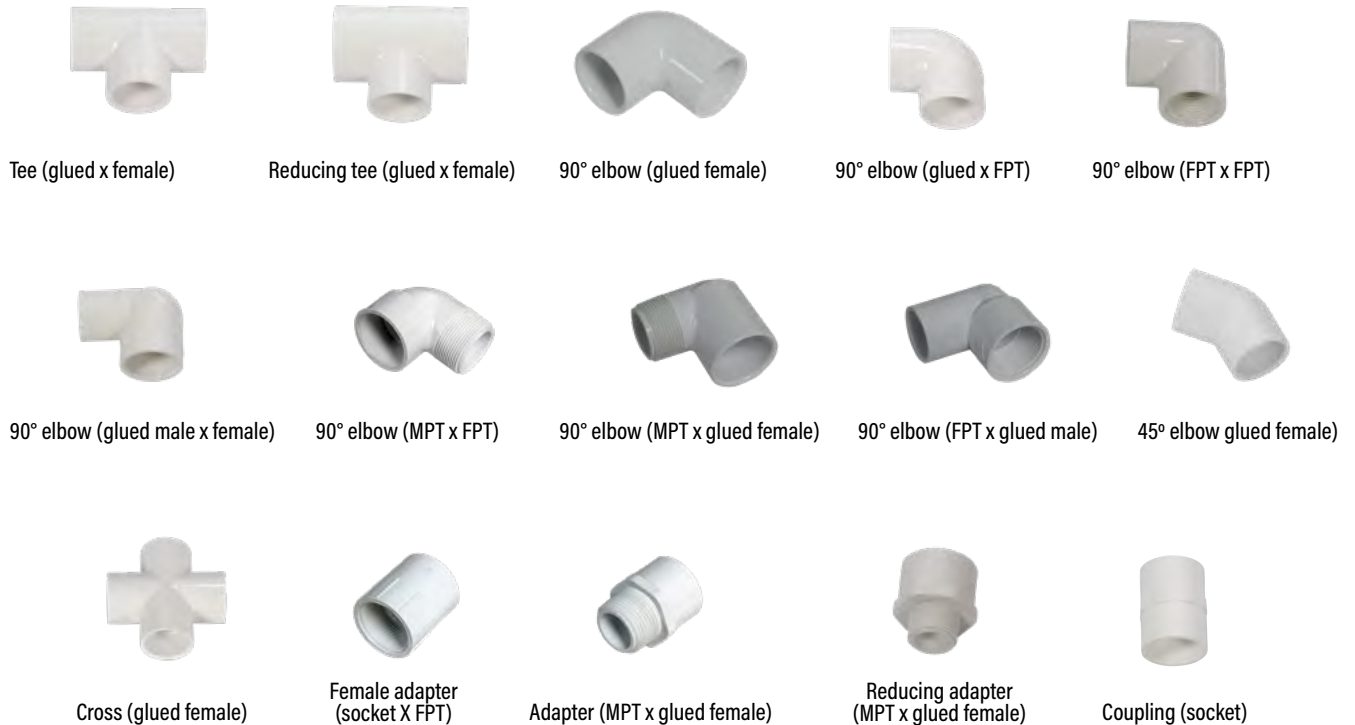
PG007	3/4"
PG010	1"
PG015	1-1/2"
PG020	2"

\*SOME ADAPTERS ALSO AVAILABLE IN STAINLESS STEEL, ASK YOUR DISTRIBUTOR (REPLACE P BY SS AT THE END OF THE PRODUCT CODE)

# PVC SCH40 FITTINGS



## PVC SCH40 FITTINGS





# PVC FITTINGS AND STAINLESS STEEL FITTINGS



Reducer bushing  
(glued male x glued female)



Reducer bushing (MPT x FPT)



Reducer bushing  
(glued male x FPT)



Cap (glued female)



Polypropylene tank adapter



Threaded cap (glued female)



Plug spig (glued male)



Plug (MPT)



PVC coupling  
(glued female x glued female)



Female adapter  
(ins. x glued female)



Female adapter  
(glued male x FPT)



Coupling (FPT x FPT)

## STAINLESS STEEL ADAPTERS



Cross (FPT)



Tee (FPT)



Reducing clamp (FPT)



90° Elbow (FPT)



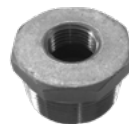
45° Elbow (FPT)



90° Elbow (MPT x FPT)



Stainless steel half  
coupling (FPT)



Reducer (MPT x FPT)



Nipple (MPT)

# VALVES | STAINLESS STEEL & PVC

## 3-way NY-Glass ball valve

Product No.	Dimensions
BV3W1FNPT	1" 3-way valve poly-p
BV3W1-1/4FNPT	1-1/4" 3-way valve poly-p
BV3W1-1/2FNPT	1-1/2" 3-way valve poly-p



BV3W1FNPT

## PVC guillotine valve (white)

Product No.	Dimensions
ERA4084415V	1-1/2" VALTERA PVC guillotine valve
ERA4084420V	2" VALTERAPVC guillotine valve
ERA4084425V	2-1/2" VALTERA PVC guillotine valve
ERA4084430V	3" VALTERA PVC guillotine valve



ERA4084415V

## Rubber mechanical gaskets

Product No.	Dimensions
ERA650930	1-1/4"
ERA650931	1-1/2"
ERA650933	1-1/2" x 1-1/4"
ERA650934	1-1/2" x 1-1/2"
ERA650935	3"
ERA650939	2" x 1-1/2"



ERA650934

## O'Ring guillotine valve gaskets

Product No.	Dimensions
ERA477715	1-1/2" Buna guillotine valve o'ring
ERA477720	2" Buna guillotine valve o'ring
ERA477730	3" Buna guillotine valve o'ring
ERA477740	4" Buna guillotine valve o'ring



ERA477720

## Clear check valves

Product No.	Dimensions
SPES1520C10F	1" Clear check valve
SPES1520C12F	1-1/4" Clear check valve
SPES1520C15F	1-1/2" Clear check valve
SPES1520C20F	2" Clear check valve
SPES1520C30F	3" Clear check valve



SPES1520C10F

# VALVES | STAINLESS STEEL & PVC



## Stainless steel valves

Product No.	Dimensions
BTSS304015	1-1/2" Sanitary butterfly valve s/s
BTSS304020	2" Sanitary butterfly valve s/s
BVSS3043W05FNPT	1/2" 3-way valve s/s
BVSS3043W07FNPT	3/4" 3-way valve s/s
BVSS3043WL1FNPT	1" 3-way valve s/s
BVSS3043W1-1/2FNPT	1-1/2" 3-way valve s/s
BVSS316002	1/4" Ball valve s/s
BVSS316005C	1/2" Ball valve s/s
BVSS316007C	3/4" Ball valve s/s
BVSS316010C	1" Ball valve s/s
BVSS316012C	1-1/4" Ball valve s/s
ERA4071ISS	1/4" Mini faucet s/s 304 F x M
SWCVSS3041/2FNPT	1/2" Check valve with rocker
SWCVSS3041-1/4FNPT	1-1/4" Check valve with rocker
SWCVSS3041-1/2FNPT	1-1/2" Check valve with rocker
SWCVSS3041FNPT	1" Check valve
ERA409210SS	1" Check valve spring s/s



BVSS3043W1-1/2FNPT



BVSS316010C



SWCVSS3041/2FNPT

## Threaded & glued BMI ball valves SCH40

Product No.	Dimensions
BVPVC40010CSH	1" Glued BMI ball valve SCH40
BVPVC40015CSH	1-1/2" Glued BMI ball valve SCH40
BVPVC40020CSH	2" Glued BMI ball valve SCH40
BVPVC40005FSH	1/2" Threaded BMI ball valve SCH40
BVPVC40007FSH	3/4" Threaded BMI ball valve SCH40
BVPVC40010FSH	1" Threaded BMI ball valve SCH40
BVPVC40012FSH	1-1/4" Threaded BMI ball valve SCH40
BVPVC40015FSH	1-1/2" Threaded BMI ball valve SCH40
BVPVC40020FSH	2" Threaded BMI ball valve SCH40



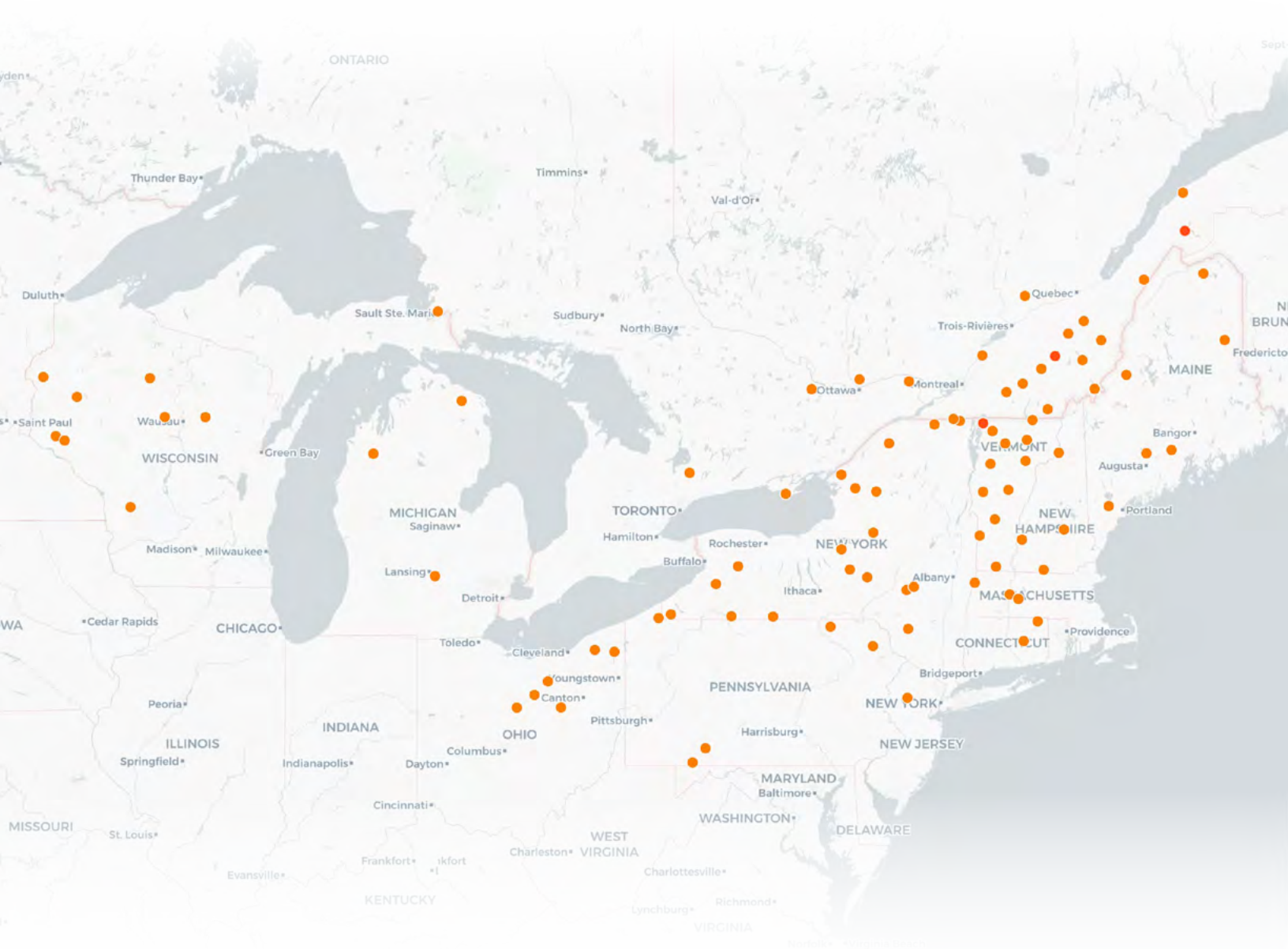
## Threaded & glued PVC union ball valves SCH40

Product No.	Dimensions
BVPV100CSH	1" Glued PVC union ball valve SCH40
BVPV150CSH	1-1/2" Glued BMI ball valve SCH40
BVPV200CSH	2" Glued BMI ball valve SCH40
BVPV100FSH	1" Threaded BMI ball valve SCH40
BVPV150FSH	1-1/2" Threaded BMI ball valve SCH40
BVPV200FSH	2" Threaded BMI ball valve SCH40





# LEADER™



**BEST DEALER NETWORK IN NORTH AMERICA**

## CONNECTICUT

### Norman's Sugar House

387 County Rd.  
Woodstock, CT 06281  
r.norman@snet.net  
860-974-1235

### Wilkinson Farm

10A Chesbro Bridge Road  
Columbia, CT 06237  
mwilkins93@gmail.com  
www.wilkinsonfarm.com  
860-228-0030

## MAINE

### Bacon Farm Maple Products, LLC

415 Goodhue Rd.  
Sidney, ME 04330  
207-547-5053

### Dunn Family Maple

419 Chicopee Rd.  
Buxton, ME 04093  
207-671-4262

### Kinney's Sugarhouse

200 Abbott Rd  
Knox, ME 04986  
kinneyssugarhouse@gmail.com  
207-568-7576

### Northwoods Nectar

1426 Sly Brook Rd.  
Eagle Lake, ME 04739  
207-231-2265

### Sawyers's Maple Farm

276 Long Pond Rd.  
Jackman, ME 04945  
207-349-0508

### Spring Break Maple & Honey

P.O. Box 190  
Smyrna Mills, ME 04780  
MaineMapleAndHoney.com  
207-727-7373

## MASSACHUSETTS

### Devon Lane Farm Supply

P.O. Box 1309  
Belchertown, MA 01007  
nates@devonlane.com  
413-323-6336

### Ioka Valley Farm

3475 Hancock Rd  
Hancock, MA 01237  
missy@iokavalleyfarm.com  
413-441-5157

## MICHIGAN

### Hide-Away Sugar Bush

P.O. Box 567  
Mesick, MI 49668  
hideaway@yahoo.com  
231-885-2900

### Northeast Michigan

#### Maple Outfitters

11173 Co Rd 451  
Hawks, MI 49743  
northeastmichmapleoutfitters@gmail.com  
989-766-8866  
989-351-9942

### Sugar Bush Supplies

2611 Okemos Rd.  
Mason, MI 48854  
sugarbushsupplies.com  
517-349-5185

## NEW HAMPSHIRE

### Bascom Maple Farms

56 Sugar House Road  
Alstead, NH 03602  
sales@bascommapple.com  
www.bascommapple.com  
603-835-6361

### Fuller's Sugarhouse

267 Main St  
Lancaster, NH 03584  
FullersSugarhouse.com  
603-788-2719

### Somero Maple Farm LLC

21 Poor Farm Road  
New Ipswich, NH 03071  
someromaplefarm@gmail.com  
603-562-0822

### Sunnyside Maples

1089 Route 106N  
Loudon, NH 03307  
sugarmaker@aol.com  
603-783-9961  
603-848-7091

## NEW YORK

### Adirondack Maple and Snowshoes

7478 Belfort Road  
Croghan, NY 13327  
315-408-8461

### Cook's Maple Products LLC

247 County Road 20  
Sherburne, NY 13460  
cooksmapple@gmail.com  
607-627-6252  
607-371-3149

### Countryside Hardware

1712 Albany St.  
DeRuyter, NY 13052  
wilcoxsb@frontiernet.net  
315-852-3326

### Decoste Maple Farm

1183 Cannon Corners Road  
Mooers Fork, NY 12959  
bdecoste1@hotmail.com  
518-578-1128

### Delta Glen Maple

7359 Stokes-Westernville Road,  
P.O. Box 353  
Westernville, NY 13486  
deltaglenmaple@gmail.com  
315-571-8335

### Hamilton Wood

1400 County Rd 23  
Chateaugay, NY 12920  
518-497-6956

### John Wiggers & Sons

7700 NY-474  
Clymer, NY 14724  
WiggersNewHolland.com  
716-355-2511



**Justus Asthalter**  
**Maple Syrup, Inc.**  
865 Aden Road  
Parksville, NY 12768  
JustusMaple.com  
justusmaple@gmail.com  
845-292-8569

**Mack Maple Supply**  
1139 County RT 35  
Potsdam, NY 13676  
mackmaplesupply@gmail.com  
www.mackmaplesupply.com  
315-244-5256

**Maple Crest Sales**  
2828 Benton-Jerusalem  
Townline Rd  
Penn Yan, NY 14527  
315-536-0957

**North Road Sugarworks**  
460 North Rd.  
Jefferson, NY 12093  
bucksyrup@yahoo.com  
www.northroadsugarworks.com  
607-652-3188

**Sage Family Maple LLC**  
4449 Sage Rd.  
Warsaw, NY 14569  
hamilton@sagefamilymaple.com  
585-786-5684

**Sample Lumber**  
53 Campground Rd.  
Mooers, NY 12955  
SampleLumber.com  
518-236-7788

**Schweigart's Sugar Shack**  
804 County Road 103  
Woodhull, NY 14898  
gschweigart08@gmail.com  
www.schweigarts.com  
315-759-9890  
302-236-8621

**Shaver-Hill Farm**  
310 Shaver Rd.  
Harperfield, NY 13786  
ShaverHillFarm.com  
607-652-6792

**Sprague's Maple Farms**  
1048 Portville Obi Rd.  
P.O. Box 488,  
Portville, NY 14770  
716-933-6637

**Wendel's Maple and More**  
12502 Vaughn Street  
East Concord, NY 14055  
sugarmaple717@aol.com  
716-954-3019

**Widricks Maple LLC**  
21243 Staplin Rd  
Black River, NY 13612  
315-775-4964

## OHIO

**Erlsten Bros. Maple Products**  
7630 County Rd 46.  
Mt. Gilead, OH 43338  
mark.erlsten@zoominternet.net  
419-362-6275

**Fitch Pharm Farm**  
1591 Township Rd 1353  
Ashland, OH 44805  
FitchPharmFarm.net  
800-956-2753

**Grossman Family Farm**  
12233 Claridon-Troy Road  
Chardon, OH 44024  
cagwfd@hotmail.com  
www.ohiomapleproducts.com  
440-346-7177

**Keim's Maple Supply**  
11509 Holshoe Rd.  
Homerville, OH 44235  
330-421-7975

**May Hill Supply**  
10238 Dennison-Ast. Rd.  
Orwell, OH 33076  
330-583-2892

**Weaver Maple Supplies**  
8183 Township Rd 611  
Fredericksburg, OH 44627

**PENNSYLVANIA**  
**Brenneman's Maple**  
572 Oakdale Rd.  
Salisbury, PA 15558  
814-662-2010

**Hess Maple Supplies**  
248 Sulphur Run Road  
Berlin, PA 15530  
814-267-4864

**Russell Maple Farms**  
1379 Orwell Hill Rd.  
Rome, PA 18837  
RussellMapleFarms.com  
570-247-7360

**Shemanski Maple Syrup**  
35A Belmont Street  
Waymart, PA 18472  
shemanski@yaho.com  
www.shemanski.com  
570-488-5240  
570-351-5074



## VERMONT

### Branon Shady Maples

1097 North Rd.  
Fairfield, VT 05455  
802-827-6605

### Corse Maple Farm

773 Corse Rd.  
Whitingham, VT 05361  
CorseMapleFarm@myfairpoint.net  
802-368-2420

### Deer Ridge Maple

94 Cedar Crest Drive  
Derby, VT 05829  
Jessicajudd76@yahoo.com  
802-766-5447

### Evan Perron

2580 Perron Hill,  
Glover, VT 05839  
perronmaple64@gmail.com  
802-525-3252

### Gilead Maple Mountain

208 Skyview Lane  
Randolph, VT 05060  
gileadmaple@yahoo.com  
www.gileadmaplemountain.com  
802-234-5959

### Goodrich's Maple Farm

2427 US Route 2  
Cabot, VT 05647  
goodrichsmaple@yahoo.com  
www.goodrichmaplefarm.com  
800-639-1854  
802-426-3388  
802-426-3418

### H2O Leader Swanton

49 Jonergin Dr.  
Swanton, VT 05488  
kyle.lothian@h2oinnovation.com  
802-752-6702  
802-868-5444

### Purinton Maple

190 Pond Rd.  
Huntington, VT 05467  
PurintonMaple.com  
802-434-4385

### PVF Maple LLC

1368 Lincoln Hill  
Shrewsbury, VT 05738  
sharrowmaple@gmail.com  
802-492-3364  
802-236-8105

### Twin Brook Maple Farm

P.O. Box 164,  
West Rupert, VT 05776  
802-394-2415

### Vermont Maple Futures

2051 West Salisbury Rd.  
Salisbury, VT 05769  
802-352-9333  
802-989-0915

### Vermont Maple Sugar Company

#### Butternut Maple

31 Lower Main St E  
Johnson, VT 05656  
kyleyh@butternutmountainfarm.com  
802-635-2329

## WISCONSIN

### A & M Pure Maple Syrup

735 16 1/2 Street  
Dallas, WI 54733  
mapleman365@gmail.com  
715-418-3952  
715-418-1737

### Autumn Ridge Maple

N5767 Sam's Lane,  
Prentice, WI 54556  
AutumnRidgeMaple@gmail.com  
715-829-0311

### Christians Meridian Maples LLC

237300 Meridian Rd,  
Athens, WI 54411  
christianscraig61@gmail.com  
715-321-9595

### Country Maple Supplies

E10833 Short Cut Rd  
Cashton, WI 54619

### Dave Richter

2717 170th  
Luck, WI 54853  
715-554-2824

### Pittman Maple Farms LLC

W8337 County Rd XX,  
Arkansaw, WI 54721  
sales@pittmanmaplefarms.com  
715-285-5396

### Sipl's Sugarbush

N12020 Tamrack Road  
Birnamwood, WI 54414  
siplssugarbush@hotmail.com  
715-449-3426  
715-216-4627

### Wood's Maple Syrup Supply

117 North Main  
Elmwood, WI 54740  
woodsmaplesyrupsupply@gmail.com  
715-308-3684



## QUEBEC

### Centre mécanique St-Pamphile Inc.

1645 Elgin Nord  
St-Pamphile, QC G0R 3X0  
centremecanique@hotmail.com  
418-356-5015

### E. D&R

121 Route 147 Sud  
Coaticook, QC J1A 2S2  
equipementdr@gmail.com  
819-849-6222  
819-578-4762  
514-608-7416

### Entreprises Brault 4 Saisons

181 Rang Clinton  
Woburn, QC G0Y 1R0  
brault4saisons@outlook.com  
819-583-9612  
819-544-2020

### Équipements Cusson

5003 St-Joseph  
Valcourt, QC J0E 2L0  
antoinecusson@hotmail.com  
819-679-7223

### Équipement d'érablière Messier

St-Ours, QC  
equipementmessier@hotmail.com  
450-881-1595

### Équipement D.G. Marcoux

930 Avenue Principale  
St-Elzéar, QC G0S 2J2  
gerald.marcoux@axion.ca  
418-387-7848  
418-386-7166

### Équipement Dubois Inc.

1654 Route 269  
Kinnear's Mills, QC G0N 1K0  
equipementsdubois@hotmail.com  
418-424-3507  
418-335-1772

### Équipement Tesro

55 3E Rang  
Saint-Georges-de-Windsor  
fermetesro@gmail.com  
819-570-2236

### Équipro André Bolduc

12 Rue Principale  
Lambton, QC G0M 1H0  
418-486-7071

### Érablière Brix et Compagnie

365 Rang Saint Ambroise  
Oka, QC J0N 1E0  
erablierebrixetcompagnie@gmail.com  
514-914-1358

### Garage Bernard Hardy Inc.

455 rue Saint-Paul  
Saint-Ubalde, QC G0A 4L0  
info@garagebh.com  
418-277-2059  
418-285-9121

### H2O Innovation Ham-Nord

201, 1re Avenue  
Ham-Nord, QC G0P 1A0  
francois.croteau@  
h2oinnovation.com  
819-344-2288  
819-740-7209

### H2O Saint-Louis-du-Ha! Ha!

136 rue de la VTL  
St-Louis-du-Ha! Ha!, QC G0L 3S0  
patrick.lajoie@  
h2oinnovation.com  
418-938-0548  
418-860-7519

### Les Équipements Modernes Inc.

6561 chemin de Saint-Jean,  
St-Felix de Valois, QC J0K 2M0  
eric@equipementsmodernes.com  
450-889-2781

### Les Entreprises LJAM

1054 Denison Est  
Shefford, QC J2M 1Y7  
ljam@videotron.ca  
579-365-1963  
450-204-6025

### Les Pompes Couture

694 42e rue Nord  
St-Georges-de-Beauce,  
QC G5Z 0T6  
services@pompescouture.com  
418-228-5639

### Matériaux Fernand Caron

407 Route 132  
St-Simon-de-Rimouski,  
QC G0L 4C0  
418-738-2811

## ONTARIO

### Hogan's Homestead

536 Second Line West  
Sault Ste. Marie, ON P6C 2K6  
info@hoganshomestead.ca  
705-246-7673

### Hollow Point Ranch and Sugarhouse

164 Vaile Road  
Renfrew, ON K7V 3Z9  
hollowpointranch0@gmail.com  
613-433-4187

### MNL Equipments

2901 Cassburn Road  
Vankleek Hill, ON K0B 1R0  
mnl equipments@gmail.com  
613-678-2459  
613-872-0125

### Pefferlaw Creek Farms

12 300 Concession Road 6  
Uxbridge, ON L9P 1R2  
john.tomory@pcfarms.ca  
289-221-5265

### Vader's Maple Equipment

1260 County Road 18  
Cherry Valley, ON K0K 1P0  
vadersmaple@gmail.com  
613-476-7537  
613-848-1307

## NEW-BRUNSWICK

### Rocky Mountain Maples

2979 Main St.  
Hillsborough, NB E4H 2X9  
506-866-5946





# SALES TEAM

## Matthieu Fortier

SALES DIRECTOR

(819) 344-2288 ext. 234 | Cell.: (819) 352-3860

matthieu.fortier@h2oinnovation.com

## Kyle Lothian

SALES DIRECTOR - UNITED STATES

REGIONAL SALES MANAGER - NORTHEAST

(802) 868-5444 ext. 8112

kyle.lothian@h2oinnovation.com

## Randy Gaudette

INSIDE SALES REPRESENTATIVE

(802) 868-5444 ext. 8125 | Cell.: (802) 309-4648

randy.gaudette@h2oinnovation.com

## Jason Grossman

REGIONAL SALES MANAGER - MIDWEST

(802) 868-5444 ext. 8116 | Cell.: (440) 226-6115

jason.grossman@h2oinnovation.com

## Joel Oelke

REGIONAL SALES MANAGER - WEST

(802) 868-5444 ext. 8117 | Cell.: (715) 218-6853

joel.oelke@h2oinnovation.com

## Eric Miller

REGIONAL SALES MANAGER - EAST

(802) 868-5444 ext. 8160 | Cell.: (802) 923-9728

eric.miller@h2oinnovation.com

## UNITED STATES

(802) 868-5444

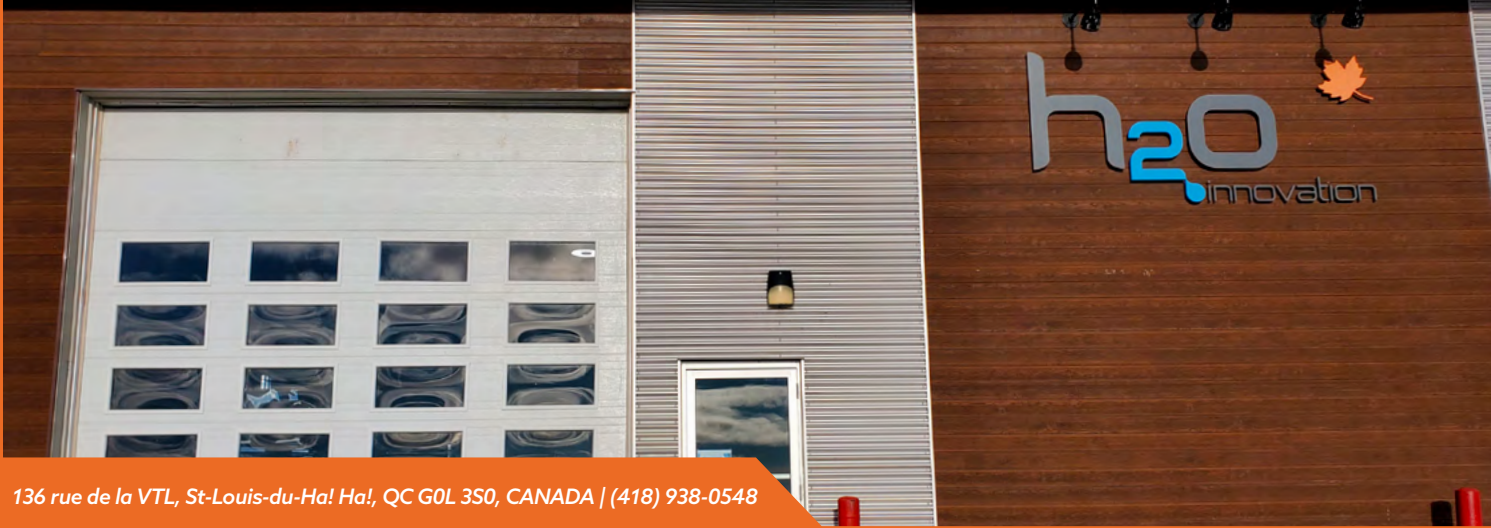
49 Jonergin Drive  
Swanton, VT 05488

## CANADA

(819) 344-2288

201, 1<sup>re</sup> Avenue  
Ham-Nord, QC G0P 1A0

OUR CORPORATE STORES



136 rue de la VTL, St-Louis-du-Ha! Ha!, QC G0L 3S0, CANADA | (418) 938-0548



201, 1re Avenue, Ham-Nord, QC G0P 1A0, CANADA | (819) 344-2288



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