

ECOVAP EVAPORATOR

100% ELECTRIC, AUTOMATISED & INTELLIGENT

- Receive informative emails
- Operate your ECOVAP remotely via :
telephone, tablet and computer



More than

3.5 DRUMS
of SYRUP per hour

concentrate from
8° to 20°
BRIX

**ECOVAP allows the production of maple syrup easily
and much more economically**

with the same taste and color as those produced by experienced producers
using a wood or oil evaporator while using low °brix osmosis.

The use of high °BRIX (Ro) osmosis eliminates part of the nutritional value of maple syrup.

ECOVAP EVAPORATOR

Specifications

- Fully Automated
- Receive informative emails
- Operate your ECOVAP remotely via : telephone, tablet and computer
- Operates with very little supervision
- Very low energy consumption per gallon of maple syrup produced
- Excellent control and great stability of syrup quality according to your choice of color and desired °BRIX.
- Reduces fire risks
- Impossible to burn a pan



See what's happening inside
of you ECOVAP
thanks to PORTHOLES

- Instant and risk-free shutdown
- Recovers all the energy contained in the vapor
- No need to replace your osmosis (Ro)
- No need stacks neither for smoke nor for steam
- 7 models available to meet your needs
- Ecological, GHG-free
- Government energy saving grants may be available in your province or state for the purchase of high efficiency energy saving electric evaporators!
- Proven technology since 2013
- Patented

Capacity of Maple Syrup Produced / hour, based on °Brix of concentrated sap

Model	8° Brix			10° Brix			12° Brix			14° Brix			16° Brix			18° Brix			20° Brix			21° Brix		
	US Gal.	Imp. Gal.	Liters	US Gal.	Imp. Gal.	Liters	US Gal.	Imp. Gal.	Liters	US Gal.	Imp. Gal.	Liters	US Gal.	Imp. Gal.	Liters	US Gal.	Imp. Gal.	Liters	US Gal.	Imp. Gal.	Liters	US Gal.	Imp. Gal.	Liters
ECOVAP 125	10.8	9	40.9	14.4	12	54.6	16.8	14	63.6	21.6	18	81.8	25.2	21	95.5	--	--	--	--	--	--	--	--	--
ECOVAP 080	8.4	7	31.8	10.8	9	40.9	13.2	11	50.0	16.8	14	63.6	19.2	16	72.7	--	--	--	--	--	--	--	--	--
ECOVAP 160	15.6	13	59.1	20.4	17	77.3	26.4	22	100.0	31.2	26	118.2	37.2	31	140.9	--	--	--	--	--	--	--	--	--
ECOVAP 225	22.8	19	86.4	28.8	24	109.1	36.0	30	136.4	44.4	37	168.2	52.8	44	200	--	--	--	--	--	--	--	--	--
ECOVAP 225 Pw	22.8	19	86.4	28.8	24	109.1	36.0	30	136.4	44.4	37	168.2	52.8	44	200	61.3	51	231.8	70.9	59	268.2	76.9	64	290.9
ECOVAP 340	32.4	27	122.7	43.2	36	163.7	52.8	44	200	64.9	54	245.5	76.9	64	290.9	--	--	--	--	--	--	--	--	--
ECOVAP 340 Pw	32.4	27	122.7	43.2	36	163.7	52.8	44	200	64.9	54	245.5	76.9	64	290.9	90.1	75	341.0	104.5	87	395.5	111.7	93	422.8
ECOVAP 440 Pw	43.2	36	163.7	56.4	47	213.7	69.7	58	263.7	85.3	71	322.8	100.9	84	381.9	117.7	98	445.5	136.9	114	518.2	146.5	122	554.6

ECOVAP™ evaporator Technical specifications

Product number	Description	Dimensions	Amp max.	Breaker #1	Breaker #2	Breaker #3	Breaker #4
EV125-230	Single-phase	45" X 17"	180	150A	75A	----	----
EV080-230	Single-phase	42" X 15"	130	125A	75A	----	----
EV080-575	Three-phase	42" X 15"	30	30A	30A	----	----
EV160-230	Single-phase	56" X 17"	235	200A	150A	----	----
EV160-575	Three-phase	56" X 17"	55	50A	40A	----	----
EV225-230	Single-phase	70" X 17"	275	250A	150A	----	----
EV225-575	Three-phase	70" X 17"	65	75A	40A	----	----
EV225-230-PW	Single-phase - Power unit	70" X 17"	400	250A	150A	2X 80A	15A/120V
EV225-575-PW	Three-phase - Power unit	70" X 17"	94	75A	40A	30A	15A/120V
EV340-230	Single-phase	84" X 21"	450	400A	150A	----	----
EV340-575	Three-phase	84" X 21"	85	90A	40A	----	----
EV340-230-PW	Single-phase - Power unit	84" X 21"	617	400A	150A	2X 125A	15A/120V
EV340-575-PW	Three-phase - Power unit	84" X 21"	126	90A	40A	60A	15A/120V
EV440-575-PW	Three-phase - Power unit	101" X 22"	150	100A	40A	60A	15A/120V
EV440-230-PW	Single-phase - Power unit	101" X 22"	742	550A	150A	2X 125A	15A/120V

HP WOOD EVAPORATOR

**TOLE
INOX**



High performance wood Evaporator includes the following items :

- 1x flue pan
- Flat pans
(qty and dimensions depending on evaporator size)
- 1x additional flat pan
(dimensions depending on evaporator size)
- 1x water pan
(dimensions depending on evaporator size)
- 1x side gutter
- 1x entry float box
- 1x transfer float box
(STD or LX depending on evaporator size)
- 2x visual sap level
- 1 ½" transfer
- Transfer adapter & ball valve
- Closed hood + opened with 2 hood lights
- 1x concentrate preheater
- 6x vapor stacks
(dimensions depending on evaporator size)
- 1x base stack
(dimensions depending on evaporator size)
- Smoke stacks
(qty & dimensions depending on evaporator size)
- 3x roof stacks
- 3x collars
- 3x stack covers
- 1x dipper (2' to 4' : 5" / 5' to 6' : 6")
- 1x support for dipper
- 1x 3" syrup gauge, 9" stem
- 3x 2" ext. plugs

HP WOOD EVAPORATOR

Specifications

- Refractory cement interior which aims to increase its efficiency (factory made)
- Forced air under the grids and above the door
- Airtight refractory cement insulated door
- Variable speed fan
- Flue pan and flat pan made of stainless steel type 304 BA finish (mirror).
Sides 20 ga thickness and bottom 22 ga thickness
- Food grade argon welding
- Efficient and quick-response control float
- Transfer between pans with advanced design
- Enclosed stainless steel hood with access door
- Gutter and recovery pan for water
- Stainless steel preheater, easy to clean
- Evaporator base is made of stainless steel type 304 BA
- Several sizes available from 2 ½' X 8' to 6' X 16'
- Custom sizes also available



Airtight refractory
cement insulated door



Preheater
included inside the hood

High Performace Wood evaporator Technical specifications

Product number	Dimensions	Qty Airtight insulated door	Flue Pan	Flat Pan	Add. Pan	Water Pan	Transfer box	Ball Valve	Vapor	Base Stack	Smoke
EHP-30-096	2 ½' X 8'	----	1X 30"x60"	2X 30"x18"	1X 30"x18"	1X 30"x5"	STD	1 ¼"	6X 10"	1X 12"x6'	4X 12"
EHP-30-120	2 ½' X 10'	1	1X 30"x84"	2X 30"x18"	1X 30"x18"	1X 30"x5"	STD	1 ¼"	6X 12"	1X 12"x6'	4X 12"
EHP-36-120	3' X 10'	1	1X 36"x84"	2X 36"x18"	1X 36"x18"	1X 36"x5"	LX	1 ¼"	6X 15"	1X 15"x6'	4X 15"
EHP-36-144	3' X 12'	1	1X 36"x104"	2X 36"x20"	1X 36"x20"	1X 36"x5"	LX	1 ¼"	6X 15"	1X 15"x6'	4X 15"
EHP-42-144	3 ½' X 12'	1	1X 42"x104"	2X 42"x20"	1X 42"x20"	1X 42"x5"	LX	1 ¼"	6X 15"	1X 16"x6'	4X 16"
EHP-48-168	4' X 14'	2	1X 48"x120"	2X 48"x24"	1X 48"x24"	1X 48"x5"	LX	1 ¼"	6X 15"	1X 20"x10'	5X 20"
EHP-60-168	5' X 14'	2	1X 60"x120"	2X 60"x24"	1X 60"x24"	1X 60"x5"	LX	1 ½"	6X 18"	1X 20"x10'	4X 20"
EHP-72-168	6' X 14'	2	1X 72"x120"	2X 72"x24"	1X 72"x24"	1X 72"x5"	LX	1 ½"	6X 20"	1X 24"x10'	5X 24"
EHP-72-192	6' X 16'	2	1X 72"x120"	3X 72"x24"	1X 72"x24"	1X 72"x5"	LX	1 ½"	6X 20"	1X 24"x10'	6X 24"

WOOD EVAPORATOR

**TOLE
INOX**



Wood Evaporator includes the following items :

- 1x flue pan
- Flat pans
(qty depending on evaporator size)
- 1x entry float box
- 1x transfer float box
(STD or LX depending on evaporator size)
- 2x visual sap level
- Pan Output Adapter and ball valve
- 1x base stack
(dimensions depending on evaporator size)
- 1x roof stack
- Smoke pipes
(qty & dimensions depending on evaporator size)
- 1x collar
- 1x stack cover
(model depending on evaporator size)
- 1x dipper (2' to 4' : 5" / 5' to 6' : 6")
- 1x support for dipper
- 1x syrup 3" gauge, 9" stem
- 3x 2" ext. plugs (excluding 2'x6')

WOOD EVAPORATOR

Specifications

- The base of the evaporator is made of stainless steel type 304 BA
- Thightener
- Flue pan and flat pan made of stainless steel type 304 BA finish (mirror). Sides 20 ga thickness and bottom 22 ga thickness
- Food grade argon welding
- Efficient & quick-response control float
- Transfer between pans with advanced design
- Several sizes available from 2' X 6' to 6' X 16'
- Custom sizes also available

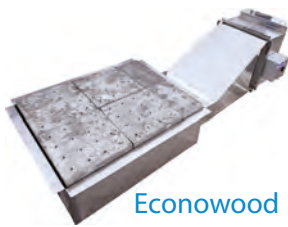


Airtight refractory cement insulated door

Wood evaporator Technical specifications

Product number	Qty Airtight insulated door	Dimensions	Flue Pan	Flat Pan	Tile	Transfer box	Transfer	Ball Valve	Base Stack	Smoke	Stack cover
EVB-24-072	1	2'X6'	1X 24"x48"	1X 24"x24"	No	STD	½"	1"	1X 10"x4'	2X 10"	Chinese
EVB-24-096	1	2'X8'	1X 24"x60"	2X 24"x18"	No	STD	1 ½"	1"	1X 10"x5'	3X 10"	Chinese
EVB-30-096	1	2 ½'X8'	1X 30"x60"	2X 30"x18"	No	STD	1 ½"	1 ¼"	1X 12"x5'	3X 12"	Chinese
EVB-30-120	1	2 ½'X10'	1X 30"x84"	2X 30"x18"	No	STD	1 ½"	1 ¼"	1X 12"x5'	3X 12"	Chinese
EVB-36-120	1	3'X10'	1X 36"x84"	2X 36"x18"	Yes	STD	1 ½"	1 ¼"	1X 15"x6'	3X 15"	Tilt stack
EVB-36-144	1	3'X12'	1X 36"x104"	2X 36"x20"	Yes	LX	1 ½"	1 ¼"	1X 15"x6'	4X 15"	Tilt stack
EVB-42-144	1	3 ½'X12'	1X 42"x104"	2X 42"x20"	Yes	LX	1 ½"	1 ¼"	1X 18"x6'	4X 18"	Tilt stack
EVB-48-144	2	4'X12'	1X 48"x104"	2X 48"x20"	Yes	LX	1 ½"	1 ¼"	1X 20"x8'	4X 20"	Tilt stack
EVB-48-168	2	4'X14'	1X 48"x120"	2X 48"x24"	Yes	LX	1 ½"	1 ¼"	1X 20"x8'	4X 20"	Tilt stack
EVB-60-168	2	5'X14'	1X 60"x120"	2X 60"x24"	Yes	LX	1 ½"	1 ½"	1X 22"x10'	4X 22"	Tilt stack
EVB-60-192	2	5'X16'	1X 60"x120"	3X 60"x24"	Yes	LX	1 ½"	1 ½"	1X 22"x10'	4X 22"	Tilt stack
EVB-72-168	2	6'X14'	1X 72"x120"	2X 72"x24"	Yes	LX	1 ½"	1 ½"	1X 24"x10'	5X 24"	Tilt stack
EVB-72-192	2	6'X16'	1X 72"x120"	3X 72"x24"	Yes	LX	1 ½"	1 ½"	1X 24"x10'	6X 24"	Tilt stack

AVAILABLE OPTIONS



Econowood



Water pan



Side gutter

INSULATION



Refractory Brick

60Z01-001	1" x 4" x 9"
60Z01-002	2 1/4" x 4" x 9"



Insulation

60Z03-001	47.3 SQ. Feet
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High Temperature Cement

60Z02-002	15 lbs
60Z02-001	55 lbs



Ceramic Strip

60Z04-125-200	1/8" x 2" (100'/RL)
60Z05-250-200	1/4" x 2" (50'/RL) folded and sewed

STAINLESS STEEL TANKS

- Smooth welded joints, facilitates cleaning
- Argon Welded (TIG)
- Other dimensions available upon request
- Options available depending on your needs
 - Raise (with / without)
 - Output position (front / underneath)
 - Over flow (with / without)

Regular Tanks

Made of

- 304 stainless steel - 20ga - BA
- 100% aluminum frame
- square tubing: 1 1/2" x 1 1/2"
- will not rust

For dimensions overall, add

- 3 5/8" to the width and to the length
- 2" to the height for the output below
- 3 1/2" to the height the front output

ULTRA ROBUST Tanks (large volume)

Made of

- 304 stainless steel - 18ga - BA
- 100% aluminum frame
- square tubing: 1 1/2" x 1 1/2"
- will not rust

For dimensions overall, add

- 5 1/8" to the width and length
- 5 1/2" at the height

Interior width	Interior height	Length	Capacity IMP gal	Capacity US gal
2'	x 2'	x 4'	89	106
3'	x 2'	x 4'	125	150
		x 8'	250	301
		x 12'	376	451
		x 4'	162	195
3'	x 2 1/2'	x 8'	325	391
3'	x 3'	x 12'	488	586
		x 4'	200	240
		x 8'	400	480
		x 12'	600	721
3'	x 3 1/2'	x 4'	237	285
		x 8'	475	570
		x 10'	594	713
		x 12'	713	855
4'	x 2'	x 16'	950	1141
		x 4'	156	188
		x 8'	313	376
		x 10'	391	470
4'	x 2 1/2'	x 4'	206	247
		x 8'	412	495
		x 10'	516	619
		x 12'	620	743
4'	x 3'	x 16'	826	991
		x 4'	256	307
		x 8'	512	615
		x 10'	640	769
4'	x 3 1/2'	x 12'	769	923
		x 16'	1025	1230
		x 4'	306	367
		x 8'	612	735
4'	x 4'	x 10'	765	918
		x 12'	918	1102
		x 16'	1225	1470
		x 4'	320	384
4'	x 4 1/2'	x 8'	645	775
		x 10'	805	966
		x 12'	970	1164
		x 16'	1290	1549
4'	x 5'	x 8'	840	1014
		x 10'	1055	1267
		x 12'	1265	1521
		x 16'	1685	2028

Interior width	Interior height	Length	Capacity IMP gal	Capacity US gal
4 1/2'	x 3'	x 16'	1130	1355
4 1/2'	x 3 1/2'	x 10'	845	1015
		x 12'	1015	1218
		x 16'	1355	1625
		x 10'	978	1183
4 1/2'	x 4'	x 12'	1184	1420
4 1/2'	x 4 1/2'	x 16'	1580	1894
		x 10'	1125	1352
		x 12'	1350	1622
		x 16'	1800	2163
4 1/2'	x 5'	x 10'	1265	1520
		x 12'	1520	1824
		x 16'	2025	2432
		x 10'	765	921
5'	x 3'	x 12'	920	1105
		x 16'	1229	1474
		x 10'	924	1108
		x 12'	1109	1330
5'	x 3 1/2'	x 16'	1478	1773
		x 10'	1080	1295
		x 12'	1296	1554
		x 16'	1728	2072
5'	x 4'	x 10'	1200	1592
		x 12'	1480	1778
		x 16'	1978	2371
		x 10'	1200	1592

TOLEINOX

STAINLESS STEEL TANKS

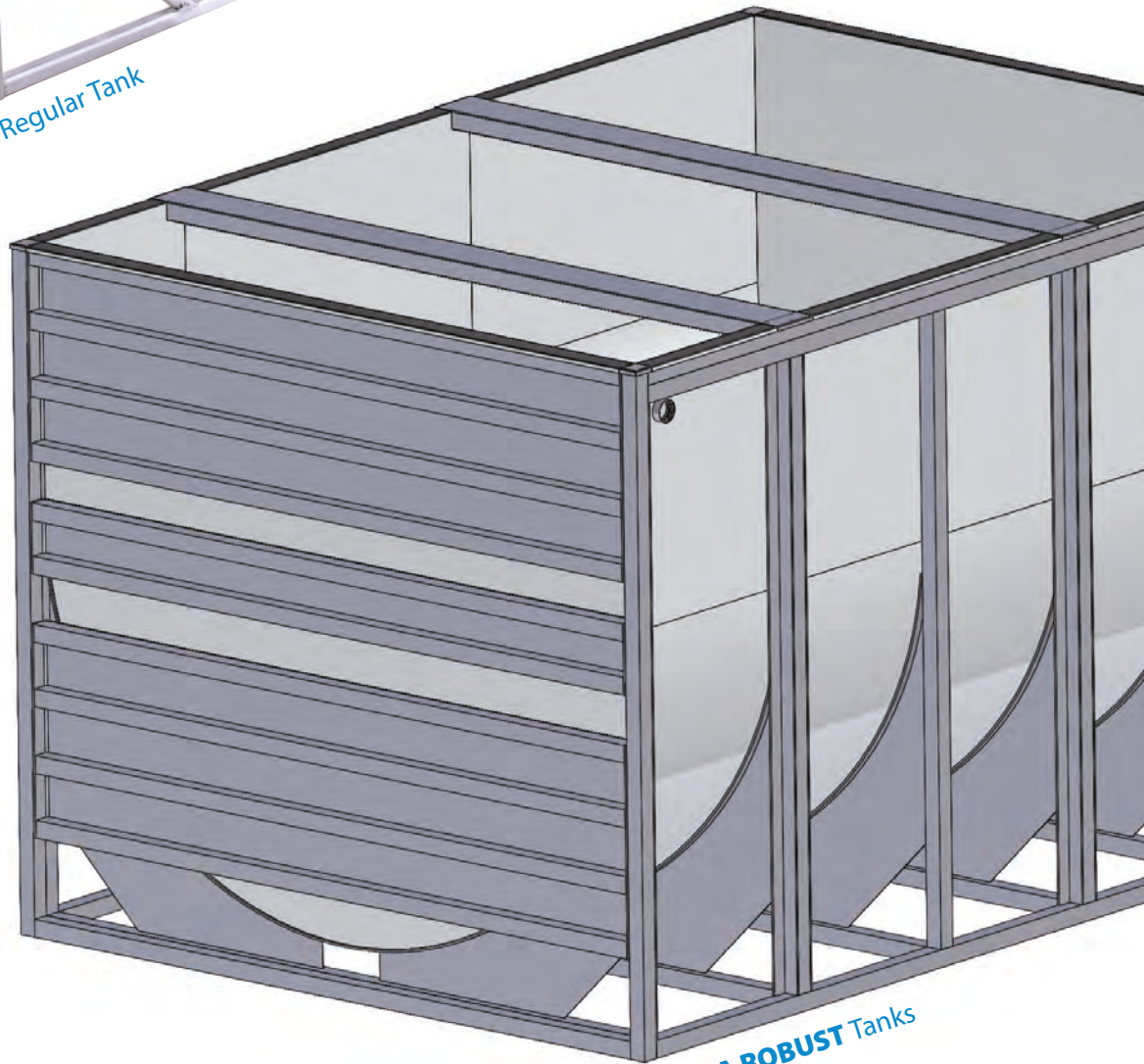


Regular Tank

**100%
STAINLESS
STEEL &
ALUMINUM**

ULTRA ROBUST Tanks (large volume)

- Over 6' wide
x 66" high
- Dimensions upon request
- **Reinforcement**
1/4" aluminum plates :
The ends and bottoms of
the tanks are reinforced
with aluminum structures



ULTRA ROBUST Tanks
(large volume)

SYRUP FILTER TANKS, WATER JACKET TANKS

Syrup filter tank

Single rectangular on wheels

20 gal SIR-RT-20GAL-ROUES

34 gal SIR-RT-34GAL-ROUES

Double

2 x 16 gal SIR-DB-NI-2X16GAL

2 x 20 gal SIR-DB-NI-2X20GAL

2 x 34 gal SIR-DB-NI-2X34GAL

2 x 40 gal SIR-DB-NI-2X40GAL

2 x 16 gal - Insulated SIR-DB-IS-2X16GAL

2 x 20 gal - Insulated SIR-DB-IS-2X20GAL

2 x 34 gal - Insulated SIR-DB-IS-2X34GAL

2 x 40 gal - Insulated SIR-DB-IS-2X40GAL

Triple

3 x 30 gal SIR-TR-NI-3X40GAL



Round

15 gal (1 syrup filter support) SIR-RD-15GAL-SUP1T

15 gal (without syrup filter support) SIR-RD-15GAL-SSUP

20 gal (2 syrup filter supports) SIR-RD-20GAL-SUP2T

20 gal (without syrup filter support) SIR-RD-20GAL-SSUP

40 gal (3 syrup filter supports) SIR-RD-40GAL-SUP3T

40 gal without syrup filter support SIR-RD-40GAL-SSUP



Support on wheels for syrup filter tank

15 gal SIR-SUP-RD-15GAL

20 gal SIR-SUP-RD-20GAL

40 gal SIR-SUP-RD-40GAL



Propane Bottling

80J03-15-15

Propane bottling pan with stainless steel stand. Includes: 15"x15" pan, burner, stand, shelf, water pan, cover, valve

80J04-15-15

Pan 15" x 15" for propane bottler w/ 1/2" valve

80J05-15-15

Water pan for 15" x 15" propane bottler

80J07-001

Propane burner

80J06-15-15

Stand and shelf for 15" x 15" propane bottler



Auto draw-off

1 1/2" 60001-150

2" 60001-200



Auto draw-off probe

1 1/2"-2" 60001-SND

SYRUP FILTER TANKS, WATER JACKET TANKS



BAB-100-CO



BAB-150-PY

Maple butter machine

3/4 hp - 3/4" pump output - 3 gal

Return pipe 1"	Conical tank	BAB-100-CO	
Return pipe 1"	Pyramidal Reservoir	BAB-100-PY	★

Return pipe 1 1/2"	Conical tank	BAB-150-CO	★
Return pipe 1 1/2"	Pyramidal Reservoir	BAB-150-PY	★★



Electric Water Jacket Tank

16 gal (19gal US), 2 x 3 000 W Heating elements	80D02-16-2-3000
20 gal (22gal US), 2 x 3 000 W Heating elements	80D02-20-2-3000
35 gal (42gal US), 2 x 3 000 W Heating elements	80D02-35-2-3000
40 gal (48gal US), 2 x 3 000 W Heating elements	80D02-40-2-3000

Glass tubing for sap

5/8" OD x 12" Long	60Y01-625-12
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STAINLESS STEEL PRODUCTS



Hoods



Chinese hats



Tilt hats

Other SS products available

- Roof Jacks
- Stack Hats (Tilt, Chinese)
- Round Stacks (Smoke, Steam)
- Collars
- Base stacks
- Hoods
- Pipes
- Preheaters

Many sizes available



Base stacks

Pan washers for wood, wood HP and oil evaporator



Double Pan washer



Simple Pan washer

HEATED SOAK TUBS



Isolated
6,000 watts

WASHING SUPPORTS FOR ECOVAP



Condenser not included