





## A WORD OF WELCOME

Dear customers.

Despite an underwhelming sugaring season for North American producers in 2021, the next few years look promising. The announcement of the addition of taps in Quebec, the record sales of maple syrup in the world, many developing projets on the USA side, and the growing international interest in maple syrup production—not to mention the numerous CDL projects underway like maple nectar, the sap division, and the shift to 4.0—represent exciting short- and medium-term opportunities for our industry.

However, there will also be challenges; out-of-control price inflation, labour scarcity, and rising production costs all mean that we will need to find innovative new methods to keep syrup production both profitable and appealing. CDL is ready to support you through these changes.

Supply chains have also been greatly affected by the pandemic. Although CDL has managed the situation well so far, we encourage all our customers to plan ahead for next sugaring season and their 2022 projects. Good planning will help us better meet your expectations, and, especially, guarantee your prices.

Our branches and regional teams have never been so well prepared to serve you and support you in your work. Their growing autonomy allows CDL to stand out from its competitors and to offer an unparalleled local service throughout North America and Europe.

In closing, the CDL team would like to thank you for your loyalty and understanding during the pandemic. There is a light at the end of the tunnel, and we can now dream of seeing each other in person more often in the near future.

We wish you a successful 2022 season! Rest assured that we will continue to advise and support you in all your projects, whatever they may be.

From left to right:

#### Martin Chabot,

co-owner and general manager of CDL USA

#### Marc-André Chabot,

co-owner of CDL and vice president or R&D

#### Vallier Chabot,

co-owner and general manager of CDL

# WHAT IS A C C D L L C SUGARING?

It's a 100% autonomous and connected sugaring operation.

Possible for small, medium or large producers!

FIND OUT ONLINE













MAPLE SUGARING MANAGEMENT SYSTEM Spouts | Fittings Buckets and accessories 3/16" Fittings and Tubing 16

SpinSeal Technology 18

CDL Tubing and Mainlines

22

VersaProfiles Tubing and Mainlines

24

**Electrofusion Fittings** 

**25** 

Wire and Accessories Tools 34

Stainless Steel Fittings Fittings Valves and Plumbing 44

CDL Intelligence Maple Sugaring Management System

54

Extractors | Moisture Traps Vacuum Booster Tanks 61

Vacuum Pumps and Accessories Gauges and Pressure Pumps TABLE OF CONTENTS

66

Silos | Transport Tank Stainless Steel Tanks and Accessories **72** 

Reverse Osmosis and Accessories

83

Evaporators and Accessories

**103** 

Measuring Instruments

105

Cleaning Accessories 106

Filter Presses and Accessories

110

Barrels | Accessories and Processing Equipment 115

Cans and Accessories Jugs | Bottles Books and Packaging SIGNATURE SPOUTS 2022

# Signature spouts

CDL Signature Spouts are the perfect choice for your sugarbush. Here's why:

## MINIMUM RESTRICTION

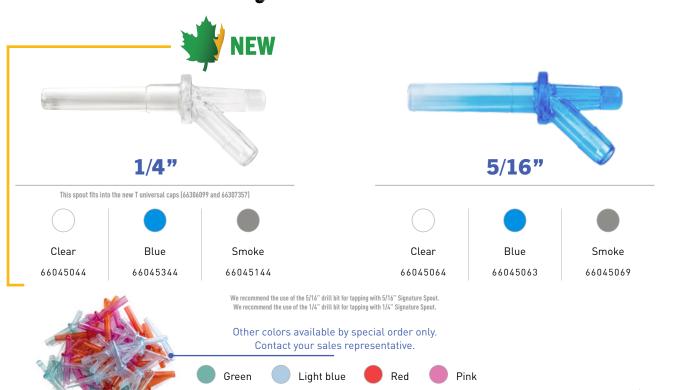
The 45° angle facilitates sap flow and prevents residue or unwanted bacteria from accumulating.

## PERFECT SEAL

The thin wall works with the perfect tapper to create a completely airtight seal.

LONGER SPOUT WORKS BETTER ON THICK BARK

## Signature spouts





## DID YOU KNOW?

It's been proven that a smaller tap hole doesn't affect the volume of sap collected under vacuum. Keep your maple trees healthy over the years.

Spouts available in 5/16" and 1/4" sizes and many colors for better tapping control in the woods.

#### Signature SPOUTS WITH BARBS



Maxflow barb for a better grip on tubing



This spout fits into the new T universal caps (66306099 and 66307357)



66045424WB

Blue

66045524WB



Smoke 66045624WB

Clear



Blue 66045263WB



66045269WB

#### 30° DISPOSABLE SPOUTS



30° 17/64" blue spout with barbs

66090016

We recommend the use of the 17/64" drill bit for tapping.



30° 17/64" smoke spout with barbs

66090019

We recommend the use of the 17/64" drill bit for tapping.



66045264WB

30° 5/16" clear spout without barbs

66090064

We recommend the use of the 5/16" drill bit for tapping

## ANTIBACTERIAL SPOUT ZAP BAC



5/16" spout Zap-Bac Antibacterial

66090094

Contains silver nanoparticles, approved by FDA.
On request only.
Also available in 3/16" on request only.



cdlinc.ca | cdlusa.com

# NECTAR, A PROMISING PROJECT FOR MAPLE SUGARING

lop!

Vallier Chabot, co-owner and general manager of CDL

A few years ago, CDL was approached by food processing companies who wanted to use maple as a sweetener. These companies were looking for an ingredient that had a consistent flavour and colour, and remained very stable in storage.

This is why, for nearly six years, CDL has been refining a process that transforms plant-based water into nectar. This nectar, a new value-added maple sweetener, will certainly revolutionize our industry because of its high nutritional quality and stability. CDL hopes that this innovation will propel the maple syrup industry forward and allow it to prosper in new markets like never before.

This project was quite a challenge. The goal was to create a maple sweetener that did not yet exist and for which there were no specifications beyond the three characteristics listed above. The challenge was even greater given that there was no equipment designed to make it. In a way, it was a nice blank canvas! This was a first for the CDL team: we had to work on both the process and the equipment to achieve the final product.



SCAN TO SEE THE VIDEO bit.ly/cdlvideos



Our team started from scratch, with only the goal of reaching the food processing companies' objectives. We started from the raw sap and crafted an entire process to make a final product that would meet the needs of the food processing industry.

This project was quite a challenge. The goal was to create a maple sweetener that did not yet exist and for which there were no specifications.

Today, we can say mission accomplished! This new, unique, 100% natural sweetener is ideal for the food processing industry, since maple nectar retains all the nutrients and properties of maple sap. The nectar has a final Brix of over 60. It's not altered, denatured, or overheated, which gives it the best nutritional value possible. Instead, it's concentrated through physical filtering and gentle heating. Note that while the sap is heated, it's never cooked or boiled above 100 °C (212 °F). It can be kept in a warehouse, making it easier to use and store for food processing companies.

Although CDL has worked on other innovative projects in the past, we are confident that this project remains one of the most promising for the maple sugaring industry as a whole. Nectar is a sweetener with almost unlimited potential in food processing and can easily replace the liquid sugars used by many large food and food processing companies.

Watch the following video to learn more about this project!



## MAXFLOW



## Better grip on tubing!

The new line of 5/16" Maxflow fittings was specifically designed and developed for maple producers wanting to operate over 25 in-hg (high vacuum).

These fittings enable a perfect seal with a vacuum level beyond 25 in-hg and offers the following advantages:

- > No parting lines on the first barb.
- > Precision moulding.
- > Eliminates micro-leaks caused by molding lines.
- > Better grip on the tubing.

## DID YOU KNOW? WHITE SPOUTS, 7% BETTER PERFORMANCE





#### **5/16" MAXFLOW SPOUTS**



5/16" black spout with barbs

66090516



5/16" white spout with barbs

66090517



5/16" blue spout with barbs

66090518

Note: we recommend the use of a 19/64" drill bit for Maxflow 5/16" tapping

#### 17/64" MAXFLOW SPOUTS



17/64" black spout with barbs

66090514



17/64" white spout with barbs

66090515



17/64" blue spout with barbs

66090513

## ACCORDING TO A STUDY FROM THE ACER CENTER



When comparing sap yield, the white Maxflow spout gave a **SAP VOLUME 7% HIGHER** than the black Maxflow spout.

#### **CONCLUSION OF THE STUDY**

In the studied sugarbush, white spouts gave a higher volume of sap compared to the black spouts.

This increase, recorded in the last part of the season, would be related to the color of the spout and its thermal absorption properties.



MAXFLOW FITTINGS 2022

## MAXFLOW THE SOLUTION TO PREVENT MICRO-LEAKS

#### **MAXFLOW TEES**



5/16" health T 660300099



5/16" T with pin 66301099



5/16" multi-function T





**IDEAL TO SANITIZE WITH** ISOPROPYL ALCOHOL

5/16" T with sanitizing cap

66302099



5/16" Maxflow health T 1/4" plug 660300095



5/16" Maxflow with multi stages pin 66304099



T 5/16" universal cap 66306099



Ideal to sanitize with isopropylic alcohol. This T can be used with the 1/4" Signature, 5/16" Signature and 5/16" Maxflow spouts.

Part of the CDL Maxflow family, the design and durability of the 5/16" insertion barbs eliminates most of the micro leaks.

#### **MAXFLOW END OF LINE TEES**



5/16" end of line health T

66306357



5/16" end of line T with pin

66305099



IDEAL TO SANITIZE WITH ISOPROPYL ALCOHOL

5/16" end of line T with sanitizing cap

66304357



17/64" end of line health T

660300097



5/16" multifunction end T

66306358



5/16" Maxflow end line T multi stages

66305357



T 5/16" end of line universal cap

66307357



Ideal to sanitize with isopropylic alcohol. This T can be used with the 1/4" Signature, 5/16" Signature and 5/16" Maxflow spouts.

Part of the CDL Maxflow family, the design and durability of the 5/16" insertion barbs eliminates most of the micro leaks.



MAXFLOW FITTINGS | 11 2022

#### **MAXFLOW END OF LINE ADAPTORS**

#### 5/16" MAXFLOW CONNECTORS

5/16" end of line adaptor

66265099

5/16" flat hook connector

66303099

#### MAXFLOW

End of line adaptor with cap

66266099

MAXFLOW

MAXFLOW

#### 5/16" CONNECTORS



Maxflow multifonctional

66267099

Quick connector

6601209902



end of line adaptor

MAXFLOW

#### Connector with loops 6601109902

#### **END OF LINE ADAPTORS**



5/16" black Y

66014099

#### OTHER



5/16" sliding adaptor

ETMAT316C



5/16" Rubber plug

6603509905



5/16" sliding hook

ETMAT316CH



Health spout pin

66012099



5/16" end of line hook

66279099



End-line ring

ERA1400





Double forks 1/2"

Double forks 3/4"

66031099

66032099

66034098





5/16" 6-way star

66180

66033099 Double forks 1" INS X INS X INS



5/16" 3-way star

66183

1-1/4" x 1-1/4" x 1"

3/4" 66074099 66075099 1" x 1" x 3/4" 66066099



CDL cdlinc.ca | cdlusa.com

Please contact your CDL store or CDL online store for more information and prices.

12 | FITTINGS FOR TUBING 2022

# CDL REDUCERS AND SPOUT ADAPTORS ALLOW YOU TO REUSE AND EXTEND THE LIFESPAN OF YOUR

THE LIFESPAN OF YOUR PERMANENT SPOUTS

WHILE MAXIMIZING EFFICIENCY.

## MAXSEAL MULTI-FITTINGS / FIXED HEAD



3/4" 66096096 1" 66097096 1-1/4" 66098096

Maxseal 66091C single gasket

Hole diameter: 31/64".

#### **REDUCERS AND ADAPTORS**

VOLUME PRICING. OTHER COLORS AVAILABLE.
ON ORDER ONLY, MINIMUM QUANTITIES REQUIRED CALL US!



7/16" to 1/4" thin wall clear reducer

66090714M

#### **MULTI-FITTINGS / FIXED HEAD**



3/4" 66096099 1" 66097099

1-1/4" 66098099

Hole diameter: 5/16". Screw kit not included.



7/16" to 5/16" natural reducer 66090054N

Install on stubby spout 66090053.

We recommend the use of a 19/64" drill bit for tapping.



7/16" to 5/16" 66090054M thin wall clear reducer

We recommend the use of a 5/16" drill bit for tapping.



5/16" black spout adaptor 66090099A

We recommend the use of a 19/64" drill bit for tapping.

#### **MULTI-FITTINGS / PLUG**

IDEAL TO REPAIR HOLES IN MAINLINES OR PLUG HOLES WHEN YOU CHANGE THE LOCATION OF A MULTI-FITTING.



3/4" 66094034

1" 66094091

Screw kit not included.



Screw kit 66099099



5/16" natural spout adaptor 66090099N

We recommend the use of a 19/64" drill bit for tapping.



5/16" clear adaptor 66090099M with thin wall

We recommend the use of a 5/16" drill bit for tapping



5/16" to 1/4" thin wall 66090014M

5/16" Zap Bac antibacterial adaptor **ZAP** BAC<sub>®</sub>



#### **MULTI-FITTINGS / SWIVEL HEAD**



1-1/2"

66064099

Hole diameter: 5/16"





#### **SANITIZING CAPS - PERFECT FOR SPOUT SANITATION**



Clear cap tip insertion

66030515



1/4" Clear cap tip insertion

66030514



Clear sanitizing universal cap

CDL200

\*Pieces sold seperately. Customer assembly required.







insert

This product allows you to hang 5/16" Signature spouts or Maxflow 5/16" or 17/64" spouts to sanitize with isopropyl alcohol.

66030517





Clear blue 1/4" end cap insert

This cap fits on 5/16" health Ts and allows you to plug 1/4" signature, smart or 17/64" Maxflow spouts.

66030519



Universal reducer Maxflow cap

This product fits over the T plug Cap or an End of Line Adaptor.

The Universal Reducer MaxFlow Cap allows the insertion of our 5/16" or 1/4" Signature spout. It can also fit any of the spouts from the CDL product line, whether it's 5/16", 1/4" or 17/64".

66030518

This product was designed with a malleable material to have very good retention and to be tight under high vacuum. It gives the opportunity to customers using permanent spouts to make the transition to the Signature spout without changing the entire drop.



663051

#### **BUCKET SPOUTS**



5/16" bucket spout | Blue 660552



7/16" white bucket spout 66055000A1



7/16" bucket spout 66055S Stainless steel



7/16" Spout without hook 660557 Aluminum



5/16" Spout without hook 660555 Aluminum

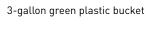
#### **BUCKETS**



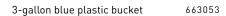
663054 2-gallon grey plastic bucket



663052 2-gallon green plastic bucket







#### **COVERS AND ACCESSORIES**



Galvanized cover for 66660 2-gallon bucket



Green plastic cover for 663058 2-gallon bucket



Blue plastic cover for 663059 2-gallon bucket



Green plastic cover 663057 for 3-gallon bucket



Blue plastic cover for 663055 3-gallon bucket



Wire for galvanized cover LIDWIR (25/Pkg)



69BUCKET0102 Galvanized bag holder

663032 Blue sap bag

#### **TAPPING STARTER KIT - 15 TAPS**



#### Includes:

1 short tapping bit 5/16" 15 bucket spouts 5/16" 15 plastic buckets (2 gallon) 15 galvanized bucket covers 1 CDL aluminum tapping hammer 1 aluminum spout remover (15")

6600800





## CDL GRAVITY TUBING 3/16" SEMI-RIGID

Ideal for sugarbushes without electricity and maple producers who do not want to use a mechanical system for vacuum.

	LENGTH	PRODUCT CODE	WARRANTY
Blue	500'	431610021	8 year
Blue	1 000'	431608221	8 year
C	500'	431608025	8 year
Green	1 000'	431608225	8 year

#### 3/16" SPINSEAL FITTINGS



3/16" BLUE SpinSeal Fitting 66091041
3/16" BLACK SpinSeal Fitting 66091049



9/64" CDL drill bit for 3/16" SpinSeal Fittings

## MAXSEAL MULTI-FITTINGS / FIXED HEAD



3/4" 66096395 1" 66097395 Maxseal single gasket 66091C

Screw kit not included



Screw Kit 66099099

#### **3/16" FITTINGS**



3/16" clear spout

#### Signature

We recommend the use of a 5/16" drill bit for tapping



3/16" white spout with barbs

66090316

66045316

#### MAXFLOW

We recommend the use of a 19/64" drill bit for tapping



3/16" end of line hook

66279357



3/16" flat hook connector

66303357



5/16" - 3/16" flat hook connector

66303356



3/16" T with pin

66030360



3/16" end of line T with pin

66030361



3/16" - 3/16" - 5/16" health T drop line

66030355



3/16" health T

66030357



3/16" health T end of line

66030358



5-16" - 5/16" - 3/16" health T drop line

66030356



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**16** | SPINSEAL 2022



**CDL EXCLUSIVE** 



CDL





(1)

J

## COMPLETED IN LESS THAN 2 MINUTES

Using the SpinSeal welder, fittings installation on your mainlines has never been faster.

## AN ECO-FRIENDLY PRODUCT

The SpinSeal fitting makes mainline recycling easy.

#### 100% SEALED

CDL's SpinSeal fusion process provides a 100% welded mainline system.

See pages 20-21 for SPINSEAL™ mainline

SPINSEAL 17 2022

## **CDL EXCLUSIVE**

Save from \$1.80 to \$3.45 per lateral line compared to all other systems in the industry.

#### THE SPINSEAL TECHNOLOGY

## THE CDL WAY TO SAVE TIME AND MONEY.

A REVOLUTIONNARY SYSTEM FOR INSTALLING FITTINGS ON MAINLINE IN RECORD TIME!





- → Repair hole(s), caused by animals on CDL HD, Spinseal, Fusion or Rapitube tubing;
- → Plug old 5/16" multi-fitting holes and allow conversion to spinseal system on CDL HD, Spinseal, Fusion or Rapitube Pipe;
- → Plug Spinseal holes that are not used

5/16" GREY SpinSeal plug

66091059







A	5/16" BLUE SpinSeal Fitting	66091061
В	5/16" BLACK SpinSeal Fitting	66091069
C	5/16" GREEN SpinSeal Fitting	66091065



## **A SURE VALUE!**

SpinSeal welder Includes: 1 battery, 1 charger and carrying case.

730100



SpinSeal tool 1" mainline insert Can be used with a compact fitting tool. Facilitates the installation of the 5/16" tubing on your spinseal fitting.

730115



5/16" SpinSeal drilling template with drill bit

730101



7/32" CDL drill bit for 5/16" SpinSeal Fittings

66732

WARNING: SpinSeal technology was developed for use on pipe manufactured and distributed by CDL.

The use of these technology on pipes manufactured and distributed by other companies can be very risky and won't be covered by the warranty.



- > The best translucency
- > Resists falling trees | No leakage
- > Ideal for droplines
- > Excellent elastic memory

- > Good translucency
- > Good elastic memory
- > Keep its properties over the years

## Products manufactured by **CDL**



#### Best price/quality ratio in the industry!



#### **BLUE**

CODE

451610001

451615001\*

451610021

451610031\*

451605011

RIGIDITY

Semi-rigid

Semi-rigid / Rigid

Flex

Flex

5/16" CDL Vision Flex / Semi-rigid

5/16" CDL Flex

5/16" CDL Flex

5/16" CDL 50

5/16" CDL MAX



#### **DARK BLUE**

	RIGIDITY	CODE	WARRANTY
5/16" CDL Flex	Flex	451610007*	10 year
5/16" CDL Flex	Flex	451615007	15 year
5/16" CDL Vision	Flex / Semi-rigid	451610027*	10 year
5/16" CDL Vision	Flex / Semi-rigid	451615027*	15 year

<sup>\*</sup> Special order only

10 year

15 year

10 year

10 year

\* Special order only.

UPON REQUEST ONLY





WARRANTY



#### Best price/quality ratio in the industry!

5/16" CDL Flex



#### **GREEN**

CODE

451605015



Flex

* 10 ye	ear
---------	-----

15 year

451615006

IN THE USA

**UPON REQUEST ONLY** 

WARRANTY

5/16" CDL Flex	Flex	451610005	10 year
5/16" CDL Flex	Flex	451615005	15 year
5/16" CDL Vision	Flex / Semi-rigid	451610025	10 year

RIGIDITY

5/16" CDL MAX Semi-rigid / Rigid

\* Special order only.





## **SpinSeal**

- > 100 PSI
- > Thicker and more flexible
- > Remains flexible even in cold weather

## HD (HIGH DENSITY)

- > 100 PSI
- > Superior quality high density resin
- > More rigid than the low density | Light tubing

## Products manufactured by **CDL**



## **10-YEAR WARRANTY**

**Get CDL** quality!



**BLACK** 



**BLUE** 



**GREEN** 

		SpınSeal	HD	SpınSeal	HD	SpınSeal	HD
	500'	403410069S	403410069	403410061S	403410061	403410065S	403410065*
3/4"	1 000'	-	403410269*	-	403410261	-	403410265*
	2 500' spool	403410169S*	403410169*	403410161S*	403410161*	-	403410165*
	500'	410010069S	410010069	410010061S	410010061	410010065S	410010065
1"	1 000'	410010269S	410010269	410010261S	410010261	410010265S	410010265
	1 500' spool	410010169S	410010169	410010161S	410010161	410010165S	410010165
	500'	411410069S	411410069	411410061S	411410061	-	411410065
11/4"	1 000'	-	411410269*	-	411410261*	-	411410265*
	1 000' spool	411410169S	-	411410161S	-	-	-
11/2"	500'	411210069S	411210069	411210061S	411210061	-	411210065
I 7/2	900' spool	411210169S	-	411210161S	-	-	-

\* Special order only.

\* Special order only

\* Special order only.

#### **Our commitment**

When producing CDL tubing and mainline, we make sure to do supervised quality checks so we can guarantee you the best product on the market.



**TUBING FOR SIDE TYING** 

500' Black 401210049



support wire

## CDL PRE-LASHED MAINLINE

Factory pre-lashed with superior stainless steel wire. Save time with a 1-step installation!

**Aluminum alloy** main wire Stainless steel

> **SCAN TO SEE THE VIDEO** bit.ly/cdlvideos



## Products manufactured by **WCDL**



## 10-YEAR WARRANTY

**Get CDL** quality!







**BLUE** 



**GREEN** 

		SpinSeal	HD	SpinSeal	HD	SpinSeal	HD
3/4"	2 500' spool (PRE-LASHED)	403410169SL*	403410169L*	403410161SL*	403410161L*	-	403410165L*
1"	1 500' spool (PRE-LASHED)	410010169SL	410010169L	410010161SL	410010161L	410010165SL	410010165L
11/4"	1 000' spool (PRE-LASHED)	411410169SL	-	411410161SL	-	-	-
11/2"	900' spool (PRE-LASHED)	411210169SL	-	411210161SL	-	-	-

<sup>\*</sup> Special order only.

#### ADVANTAGES OF THE PRE-LASHED AND SPINSEAL COMBO

- → The Professional's choice
- $\rightarrow$  Potential savings of \$ 0.75 per tap, in labor and material
- → Best value for the money of any mainline systems in the industry
- → Resistant and very reliable system over time
- → The most durable system that requires the least maintenance over time
- → To try it, is to adopt it!



WE PROVIDE TIPS FOR **INSTALLING PIPES AND TUBING AND REFER YOU** TO DIRECT AND TRUSTED **RESOURCES FOR YOUR** PROJECT.



<sup>\*</sup> Special order only

<sup>\*</sup> Special order only.

5/16" TUBING 2022

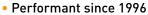




## THE BEST SELLING 5/16" **IN THE WORLD SINCE 1996!**







- Made of 100% pure resin
- Made by an extrusion specialist
- Highly translucent

- Malleable from -40°C to 40°C
- 100% airtight
- Weather resistant
- No worries, guaranteed















WARRANTY

10 year

15 year

	BLUE			GREEN			9	SHADOW 6	REY
	CODE	WARRANTY		CODE	WARRANTY			CODE	WARR
500'	6600130805	10 year	500'	6600137510D	10 year		500'	6600144010	10 y
500'	6600127209	15 year	500'	6600137515	15 year		500'	6600142415	15 y
						l <u>-</u>			

TUBING IS IDENTIFIED WITH PERMANENT MARKING EVERY 25

VERSAPROFILES #5/16" 4.SAISONS 10 YEARS/ANS ALIM FOOD GRADE CANADA ■ A A M M J J E E

#### **PRECUT DROPS**

6600100036 36" 10 year Clear warranty 6600100040 40"

> Other colours and lengths available upon request.



Our precut drops will save you work in the preparation of your drops.

Completely clear for an optimal visibility.

Again, the unique plastic recipe with UV stabilisers and an established reputation is offered to optimize yield and durability.

Available in 36 and 40 inch length, and packaged in bundles of 100 units.



2022



#### **AERIAL/IN-GROUND HDPE TUBING**

#### **VERSAPIPE™FUSION**

Only the Fusion pipe is compatible with stainless steel, PVC and electrofusion fittings used in the industry.

Regardless of your choice of fittings, The Versapipe FUSION pipe can always be repaired or joined easily with conventional techniques.

**145 PSI** 

**TITAN SPOOL** 

	LENGTH	BLACK	BLUE	GREEN
1"	500'	670020990500	670022720500	-
1"	1 500' spool	670020991500	670022721500	-
1-1/4"	500'	670030990500	670032720500	-
1-1/4"	1 000'	670030991000	670032721000	-
1-1/2"	500'	661222920500	661222720500	-
1-1/2"	2 500' spool	661222922500	661222722500	-
2"	500'	66230292	66230272	66230375*
2"	2 500' spool	662302922500	662302722500	662303752500*
3"	50' rod	66334292	66334272	-
3"	500'	663340990500	663342720500	-
4"	50' rod	663440990050*	663432720050*	-



THE SPINSEAL TECHNOLOGY CAN BE USED WITH FUSION AND RAPITUBE MAINLINES.

\* Special order only.

#### **BURIED**



#### **END TO END FUSION**



#### END TO END FUSION ADVANTAGES

- $\rightarrow$  The least expensive
- → Very resistant and durable
- $\rightarrow$  Ideal for buried pipe systems
- → Does not require any fittings

#### **WIRELESS MAINLINE TUBING**



#### TRANSLUSCENT BLUE

3/4" 500' 6600727250RT 1" 500' 6600827250RT 1" 3 000' spool 6600827227RT

#### **RAPI-FIX TENSION STRAPPING**

Black 200' 66300099

















#### **ELECTRO SADDLES**



1-1/4" x 1"	66130125X100
1-1/2" x 1"	66130115X100
1-1/2" x 1-1/2"	66130115X150
2" x 1"	6613012X100
2" x 1-1/4"	6613012X12500
2" x 1-1/2"	6613012X150
3" x 1"	6613013X100
3" x 1-1/4"	6613013X12500
3" x 1-1/2"	6613013X1500
3" x 2"	6613013X200

#### **ELECTRO COUPLINGS**



I	661303100
1-1/4"	66130312500
1-1/2"	6613031500
2"	661303200
3"	661303300
4"	661303400

//1202100

#### **ELECTRO T**



1" x 1" x 1"	6613041X1X100
1½" x 1½" x 1½"	661301150
2" x 2" x 2"	661301200

## A LEAK FREE SOLUTION.

#### **FUSION SYSTEM FOR AERIAL OR BURIED TUBING**

- > Ultra quick installation of connectors;
- > Installation of connectors without cutting the tubing.

#### **ELECTRO REDUCERS**



2" x 1-1/2" 6613022X1500 3" x 2" 6613023X200

#### **PURCHASE OR LEASE**

Ask your CDL sales representative about purchasing or leasing a welder.

10601LOC For rent Purchase 10502



#### **WIRE TIES**



	REGULAR (18 GA)	(16 GA)
5"   1000/pkg for ¾" tubing	660851	66085116
6"   1000/pkg for 1" tubing	660861	66086116
7"   1000/pkg for 1¼" tubing	660871	66087116
8"   1000/pkg for 1½" tubing	660881	66088116
10"   1000/pkg for 2" tubing	660811	660810116
12"   2500/pkg	66400112	6640011216
14"   2500/pkg for 3" tubing	66096	6609616
18"   1000/pkg for 3" tubing	-	66423

#### **TENSION GRIP**



		OPEN	
3/4"	663093	1"	663092

REGULAR			
3/4"	663098	1"	663099
1-1/4"	663097	1-1/2"	663096
2"	663095	3"	663089

#### **WIRE AND ACCESSORIES**



GALVANIZED	
50 lb	66040
50 lb	66049
50 lb	66051
	50 lb

**HIGH TENSION** 

#12.5	50 lb	ETBR012.5HT
.134 high carbone	50 lb	66054
.134 high carbone	100 lb	660541
Hydro aluminum #10	± 1500 lb/stool	660301
Hydro aluminum #12	± 1200 lb/stool	660302





664160

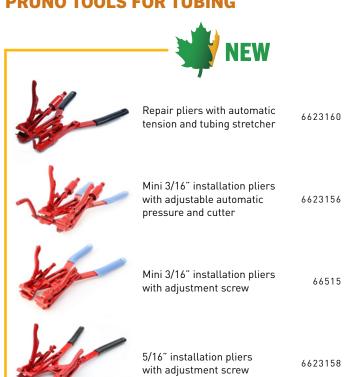
WL12LINK

Screw eye bolt

1/2" x 5-1/4" x 1" zinc 12,5 GA wire link **26** | TOOLS 2022



#### PRUNO TOOLS FOR TUBING







#### **PRUNO WIRE GRIPPER**



Spring loaded wire gripper 667068

## PRUNO TOOLS FOR SPOUTS AND TUBING



5/16" tubing remover pliers, 664963



Blade for 5/16" tubing remover pliers 66500



5/16" compact insertion tool with lateral knife and tubing 66559 stretcher



5/16" compact insertion tool with lateral knife 66558



Blade for compact 665579 insertion tool



5/16" compact insertion tool with 4wr vise-grip and 66557 lateral knife



5/16" tubing butt remover 664954 without blade



3/16" compact insertion tool with 4wr vise-grip and lateral knife

NEW

6623157



5/16" compact insertion tool 30° to 115° with cutter Ideal to install Signature spouts

664958



5/16" compact insertion tool 30° to 115°

ideal to install signature spouts and every other CDL spouts

and every other CDL spouts

664959

#### **PRUNO SUPPORT HOOKS**



Kit with 2 aluminum hooks for mainline level

66902

2022 TOOLS | **27** 

#### **PRUNO PUNCH**



31/64" drill bit and handle 661851P

#### **PRUNO FLOW STOPPER TOOL**



Flow stopper tool with adjustment screw

66499

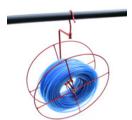
#### **PRUNO TUBING WINDER**

- Swivel hook
- Lightweight, adjustable and foldable (for shipping and storage)



Horizontal for 3/16" and 5/16" tubing

660411



Vertical for 3/16" and 5/16" tubing 660410



For wire

66041

## PRUNO MAINLINE DOUBLE FORK PLIERS



1" and 3/4"	662191
1-1/2" and 1"	66219
1-1/4" and 1"	662194
1-1/2" and 1-1/4"	662195
2" and 1-1/2"	662192
3"	662193
3/4" to 2" Kit	662196







eight: 12 Oz (345 g

## THE FIRST CHOICE OF WOODSMEN!



#### **FEATURES**

- > ENVIRONMENTLY FRIENDLY
- Marking will last 1-2 years depending on supports and application conditions
- > Temperature range: -15 °C à 50 °C
- > Excellent adherence
- High covering power







Orange Fluo Marker 661174
Yellow Standard Marker 661177
Red Standard Marker 661177
Blue Standard Marker 661179



**28** | TOOLS 2022

#### **WIRE TOOLS**



CDL wire bender 650 kg



Permanent wire gripper 667066 for path crossing



Crimping tool 665701



High tension wire cutter
73069
Cuts high carbon wire easily



"Contractor" pliers for gripple installation 665504



Light clamp for gripple 665522



Manual wire twister 66090



TOOLS FOR PRE-LASHED MAINLINES INSTALLATION

Automatic wire twister 66091

#### **TOOLS FOR TUBING**



30" Drop line cutter 668086

36" Drop line cutter

668089

40" Drop line cutter

668088



5/16" Drop line pliers 66496

3/16" Drop line pliers

66497



Plyers 5/16" aluminium foam sleeves

68049

664979

#### **PUNCHES**



5/16" drill bit and handle 66185P

31/64" only drill bit

#### **REELS**



Pre-lashed mainline retention hook 660604



Wire puller for 660605 pre-lashed mainline

Galvanized
mainline reel 660416
on wheels

Toolbox (optional) 660417

Wire reel 660418 (optional)



cdlinc.ca | cdlusa.com

2022 TOOLS | **29** 

#### **PLIERS FOR SPOUTS AND TUBING**



3/16" Compact insertion pliers Anti-ice jaws



73062

68044

63001

63005

660911

661016

An even larger choice!

Many other models in store to answer all your needs and budget, check it out!



Compact insertion pliers Anti-ice jaws



3/16" tension hooks

669103



Aluminium binder 30"



5/16" tension hooks

669104



3/4" to 1-1/2" tubing cutters



Repair pliers for 3/16" tubing

ETPTR0316C



5/16" nut driver

2" tubing cutters



FISKAR pliers

63FISK

#### **MARKING ACCESSORIES AND TOOLS**



PREMIUM QUALITY
TAPE 4-SEASON

Orange fluorescent tape 661015



Sighting hand level

666566

Pink fluorescent tape

Yellow fluorescent tape 661018

Blue fluorescent tape 661017



The Forestry Pro II laser rangefinder/hypsometer

Accurate distance measurer with improved capability and accuracy. Faster response time. New function to store up to 250 results. Compact ergonomics and ease of use.

6606420



Interview by Anne-Sophie Couture-Goulet, marketing coordinator

# TIPS FOR SETTING UP A NEW SUGAR BUSH

I had the opportunity to interview Michaël Cliche, a forestry engineer by training who has been a maple sugaring advisor at the Association des propriétaires de boisés de la Beauce since 2018. He humbly agreed to share his knowledge with us on a fascinating subject!

### Anne-Sophie Couture-Goulet (ASCG): What sorts of things do you need to consider before you even start preparing the site?

Michaël Cliche (MC): First, you need to be aware that it will take a lot of time and money. Many sugar bushes fail because owners don't keep up with their monitoring and investments. Until the trees are human-height (so 5 to 6 feet tall), they're vulnerable to a lot of things.

#### ASCG: What characteristics do you need to consider in a site?

DRAINAGE	ROCK CONTENT	SLOPE	TEXTURE	WATER TABLE	DEPTH
Fast	High	High	Rough	None	Thin
Good				Generaly absent from 1st m	
Moderate				In the 1 <sup>st</sup> m	
Imperfect				In the 1st m	
Bad				Near the surface	
Very bad	Low	Low	Fine	Recovers the surface	Deep

MC: First, you need to make sure that the species you're planting can grow in our climate. Next, you need to check that the site has the right soil for that species. That means looking at things like drainage and texture—whether it's a very sandy soil or a clay soil, for example. Finally, you need to consider the fertility of the soil, which means considering the pH and mineral content.

#### ASCG: What is autecology? And why is it important for the development of your sugar bush?

MC: Autecology is a science that studies how species interact with their environments and each other. It concerns the environment around the tree, so things like shade, soil, pH, and competition with other species.

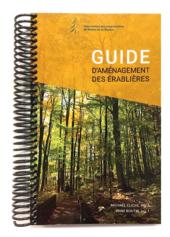
### ASCG: In other words, you need to choose the right species of maple for your site.

MC: For syrup production, you usually see red maples and sugar maples. There's also the black maple, which is found more in the south of Quebec, and silver maples which are found more in wetlands or on riverbanks. Regardless of personal preferences, though, it's important to choose the right species for the site and its growth potential. You really need to make sure the species is a good fit for your location. In the end, it's better to have a species that can thrive on the site than one that you like, but is just barely hanging on.

#### ASCG: Would it be a good idea for maple producers to walk through their sugar bush and mark the trees that should be transplanted to a field or another parcel in the near future?

MC: Absolutely! Sugar maples and red maples have a reproductive strategy of establishing a large seedling bank. However, very few of those seeds make it to maturity. As a result, it's better to move those seedlings from high-density places to places where there are shortages, since they can be used for regeneration. Ideally, the goal is to have about 250 taps per hectare. And of course, walking through your maple grove to prospect in any season is always a good idea.

For more tips and details on how to successfully establish your sugar bush, check out the full interview online on our website!



Get the Guide d'aménagement des érablières (available in French only), produced by the Association des propriétaires de boisés de la Beauce in collaboration with the Canada-Quebec Canadian Agricultural Partnership, from the APBB website at www.apbb.ca.



#### **CDL DRILL BITS - HIGH PERFORMANCE**



- → High precision sharpening
- → Developed to maximize cutting accuracy in frozen and semi-frozen wood
- → No cutting burr
- → Developed for maximum performance in sugar maple and red maple trees

17/64" drill bit	66252
19/64" drill bit	66259
1/4" drill bit	662414
5/16" drill bit	662516
19/64" long drill bit Ideal for Precision Tapper	662542
	662542 662415

#### **DRILL BIT**



7/16" titanium bit

66251

MILITARY



**CDL OFFERS A PROFESSIONAL TAPPING BIT** SHARPENING SERVICE. **CHECK IT OUT!** 

#### **WORK APRONS**



	tront	
A		B

A Work apron	66932
B CDL work apron	66934

#### **HIGH RESISTANT CDL TITAN (TITANIUM)**

5/16" long drill bit



 $\rightarrow$  1.5 to 2 times more durable than a standard tapping bit

→ Increased corrosion resistance

19/64" bit	662590*
5/16" bit	662517*

\* Available in limited quantity.

#### **TAPPING ACCESSORIES**



CDL tapping hammer 73064 Aluminum handle



2 face tapping hammer 68041 Aluminum handle



Tapping hammer with blade 68042 Aluminum handle



12" wooden tapping 729254045 hammer

1 L bottle + vaporizer 663440 1 L bottle 66344

Spray trigger head 663441

#### **BOLDUC DRILL BITS**



ONLY AVAILABLE **IN CANADA** 

662540



662535C 15/64" Bolduc drill bit 1/4" Bolduc drill bit 662537C 17/64" Bolduc drill bit 662539C 9/32" Bolduc drill bit 662536C 19/64" Bolduc drill bit 662544C 5/16" Bolduc drill bit 662543C 15/64" Bolduc long drill bit 662535 1/4" Bolduc long drill bit 662537 17/64" Bolduc long drill bit 662539 9/32" Bolduc long drill bit 662536 19/64" Bolduc long drill bit 662544 5/16" Bolduc long drill bit 662543

32 | PRECISION TAPPER™ 2022





## PRECISION TAPPER

## PROFITABILTY STARTS FROM TREES!

#### **PREVENT**

- Damaged drill bits
- Inconsistency
- Oval holes
- Holes tapped too deep

#### **GET RID OF**

- **✓ Vacuum loss**
- Production loss
- High labor cost
- Unhealthy trees









#### Precision Tapper™ kit

Includes: 1 drill, 2 batteries, 1 carrying bag and 1 precision template.

ii teiriptate.

663970

663971

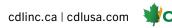
\*Tapping bit adaptor not included.

Installation included on your drill. \*Drill bit not included.

Precision Tapper™ adaptor

Drill bits adaptors

(1/2"-20 UNF) (9/16"-18 UNF) 1/4" 6639714 6639714-1 19/64" 6639964 6639964-1 5/16" 6639716 6639716-1



TOOLS | **33** 2022

#### **TAPPING DRILL AND ACCESSORIES**

- → Head at 90°
- Brushless
- → 2 000 RPM
- → Long lasting 5A lithium battery



#### **BACKPACK CLEANING KIT**

#### **COMPACT, LIGHTER, COMFORTABLE AND** SPECIFICALLY DESIGNED FOR MAPLE SUGARING.

#### Specifically developed by CDL for work under vacuum.



Backpack cleaning kit with	661616
harness and dozer	001010

THE BEST TAPPING DRILL SPECIFICALLY DESIGNED FOR

THE MAPLE SYRUP INDUSTRY.

Backpack cleaning kit with 661612 harness, without dozer

6 liter container



Dozer gun only, 10 to 20 ml	661698
-----------------------------	--------



Harness only	66169



Replacement tube kit	661692
for CDL dozer	001072







Spring for CDL dozer 661694

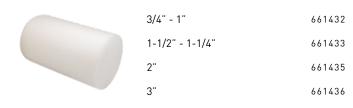


Scew cap for CDL dozer	661689

#### **BRUSHES FOR BUCKETS AND SPOUTS**



#### BE CLEANING SPONGES



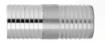
#### **SPOUT REMOVERS**



A	Steel spout remover	66077
	Aluminum spout remover   Small   15"	68015
n	Aluminum spout remover   Medium   22,5"	68020
В	Aluminum spout remover   Long   30"	68030
	Aluminum spout remover   X-Long   40"	68040
•	Aluminum spout remover   48"	68031
L	Aluminum spout remover   60"	68032
D	Rotating 30" aluminum spout remover Foam handle	68046

11/4 11/2 3"

#### **CONNECTORS**



INS x INS	
	662034
	662035
	662037
	662038
	662039

662033

#### **REDUCERS**



INS x INS	
1" x 3/4"	665580
1¼" x ¾"	665586
1¼" x 1"	665581
1½" x ¾"	665587
1½" x 1"	665582
1½" x 1¼"	665599
2" x 1"	665596
2" x 11/4"	710150
2" x 1½"	665583
3" x 2"	6655302

#### **ADAPTORS**



MIPT x INS	
1/4" x 5/16"	664555S
1/2" x <sup>5</sup> /8"	710563
3/4"	665589
<del>3/4</del> " 1"	665592
11/4"	665591
11/2"	665590
2"	665593
2"	//0002

## **A QUALITY** THAT MAKES **ALL THE DIFFERENCE!**



#### **TEES**



INS x INS x INS	
1/2"	660503
3/4"	7134341
1"	6607527
11/4"	6603106
1½"	6603105
2"	6603108
1" x 1" x 3/4"	660505
1½" x 1½" x ¾"	660317
1¼" x 1¼" x 1"	6605061
1½" x 1½" x ¾"	660507
1½" x 1½" x 1"	660506
1½" x 1½" x 1¼"	730312
2" x 2" x 3/4"	660508
2" x 2" x 1"	730311
2" x 2" x 1¼"	730314
2" x 2" x 1½"	660511
3" x 3" x 1"	660520



INS x INS x MIPT	
1"	66075251
1½" x 1½" x 1"	730308



3/4"	7134341!
1"	66051!
11/4"	6603106
11/2"	6603105



INS x INS x INS	
6607531	
6607507	
6607501	
6607510	
6607508	
6607509	
6607522	
660751	
660752	
6607511	
6607518	
6607512	
66075191	
6607515	
6607520	
6607516	
6607505	
6607514	
6607513	
6607519	
6607503	
66075130	
66075128	
66075129	



MIPT x INS x INS

3/4"		66075121
1"		66075122
	~	
	INS y MIPT y INS	

66075124

#### **HOOK PLUGS**



INS		
3/4"	666834	
3 <u>/4</u> " 1"	666801	
1 1/4"	666114	
11/2"	666112	
2" 3" 4"	666802	
3"	666803	
4"	666804	

#### **VACUUM ADAPTOR**



6655921 1 x 1/4"



Sharp edges for solid grip, precise machining, no restriction, get CDL quality!



#### **COUPLINGS**



1/4"	6010FC025
3/8"	6010FC0375
1/2"	6010FC05
3/4"	6010FC075
1"	6010FC1
11/4"	6010FC125
11/2"	6010FC15
2"	6010FC2

#### **TEES**



FIPT		
1/4"	712525	
3/8"	6010T0375	
1/2"	711212	
3½" 1"	713434	
1"	711010	
11/4"	6010T125	
11/2"	6010T15	
2"	6010T2	

#### **THREADED PLUGS**



1/4"	SCA025
1/2"	SCA050
3/4"	6010BF34
1"	6010BF1
11/4"	SCA125
11/2"	SCA150
2"	SCA200



MIPT	
1/4"	6010B25
3/8"	6010B38
1/2"	6010B12
3/4"	6010B34
1"	6010B1
11/4"	6010B114
11/2"	6010B112
2"	6010B2

#### **ELBOWS**



x FIPT
6010914
601090038
601095
6010975
6010901
601090125
60109015
6010902



	90° MIPT x FIPT
1/4"	6010913
3/8"	6010900375
1/2"	60109S05
3/4"	601090075
1"	601090
11/4"	601097
11/2"	601096
2"	601092



45	5º FIPT
1/2"	S4E050
3/4"	S4E075
1"	S4E100
11/4"	S4E125
11/2"	40109415

#### **NIPPLES**

1/4" close



610151

1/4" x 3"	601104003
1/4" x 6"	SN1256
3/8" close	60150375C
3/8" x 2"	60382
3/8" x 2½"	SN13725
3/8" x 3"	60150383
3/8" x 4"	601503754
3/8" x 5"	SNI375
3/8" x 6"	SN1376
½" close	60150500C
½" x 1½"	SNI051
½" x 2"	601105002
½" x 2½"	6015150025
½" x 3"	60115003
½" x 4"	601105004
½" x 5"	60111501
½" x 6"	60115006
¾" close	60110750C
³/4" x 2"	601107502
³¼" x 3"	601107530C
3/4" x 4"	711005
³¼" x 5"	711015
³¼" x 6"	711003
³¼" x 8"	SN1758
1" close	60151000C
1" x 2"	601002
1" x 3"	60111003
1" x 4"	711004
1" x 5"	601110500
1" x 6"	601110006
1" x 8"	60118
1¼" close	60111250C
11/4" x 21/2"	601112525
1¼" " x 3"	601112503
11/4" " x 4"	711006
1¼" " x 5"	SNI125
1¼" " x 6"	711017
1½" close	60111500C
1½" x 2½"	6011150025
1½" x 3"	60111503
1½" x 4"	711009
1½" x 5"	SNI155
1½" x 6"	601115006
1½" x 8"	SNI158
2" close	60152000C
2" x 3"	SN1203
2" x 6"	601120006
Other lengths available:	
12"-24"-48"-72"-96". Contact us.	

#### **REDUCERS**



FIPT x FIPT	
1/4" x 3/8"	SC2537
½" x ¼"	SC5025
½" x 3/8"	SC5037
3/4" x 1/4"	SC7525
³/₄" x 3/8"	SC7537
3/4" x 1/2"	SC7550
1" x 1/4"	SC1025
1" x 3/8"	SC1037
1" x ½"	SC1050
1" x 3/4"	SC1075
11/4" x 1/2"	SC1250
1½" x ¾"	SC1275
1¼" x 1"	SC1210
1½" x ½"	SC1550
1½" x ¾"	SC1575
1½" x 1"	SC1510
1½" x 1¼"	SC1512
2" x 1"	SC2010
2" x 1½"	SC2015



MIPT x FIPT

MIPT x FIPT	
711014	
715025	
705038	
713414	
713438	
713412	
714014	
SB1037	
711012	
711034	
SB1237	
665551	
714075	
714100	
712050	
712034	
711210	
712114	
SB2050	
711013	
711020	
711225	
712015	
<b>NEW</b> 710302	

#### **BUTTERFLY VALVES**



11/2"	60T150
2"	60P88CC2
21/2"	60T212
3"	60T300





BUTTERFLY VALVE EPDM GASKET (BLACK BALL)

11/2"	60GASKETVALPAP112EPDM
2"	60GASKETVALPAP2EPDM
21/2"	60GASKET212EPDM
3"	60GASKETVALPAP3EPDM
4"	60GASKETVALPAP4EPDM

#### **CLIPS X FIPT FERRULES**



1½" x ¾"	6788991D3
1½" x 1"	6788991D4
2" x 11/4"	67THRE2X114ST
2" x 1½"	6598140
2" x 2"	6598142
2½" x 2"	6598141

#### **QUICK COUPLINGS**



COMPLETE SET

3/4"	662034SS
1"	66201SS
11/4"	662014SS
11/2"	662012SS
2"	66202SS

	NII V
INSERTION PART 0	INI Y

3/4"	736650
1"	736651
11/4"	736652
11/2"	736655
2"	736656

#### **CLIPS X MIPT FERRULES**



1½" x ¾"	736654
1½" x 1"	6788991D1
1½" x 1¼"	770060
1½" x 1½"	770024
2" x 11/4"	60R14SW214
2" x 2"	60R14SW22
2" x 1½"	60R14SW215
2½" x 2"	770049

#### **CLIPS FERRULES**



QUICK

11/2"	60R13C112
2"	60R13C2
21/2"	60R13C212
3"	60R13C3



HEVIV DI ITA

11/2"	60R13HC112
2"	60R13HC2
21/2"	60R13HC212
3"	60R13HC3



**SCREW STYLE** 

11/2"	60R13VT112
2"	60R13VT2
21/2"	60R13VT212

## SILICONE GASKETS FOR FERRULES



11/2"	60GASKET112SILI
2"	60GASKET2SILI
21/2"	60GASKET212SILI
3"	60GASKET3



Source : Maplefromcanada.ca

#### **MAPLE-CITRUS ENERGY BITES**

YIELD: 10 balls or squares. Can be frozen.

Ingredients

- > 1 tbsp butter
- > 1/3 cup maple syrup
- > 1/3 cup orange juice
- > 1 tbsp chia seeds
- > 1/2 small lemon, juice and zest
- > 1 cup puffed wheat cereal
- > 1/2 cup puffed quinoa

#### Method

- 1. Melt butter in a saucepan and add liquid ingredients and chia seeds. Bring to a boil, then simmer 8 10 minutes.
- 2. Mix the puffed wheat and quinoa in a bowl.
- 3. Pour in the hot liquid, add the lemon zest, and mix well.
- 4. Stuff mixture into the molds of silicon ice cube trays or shape into little balls and place on a baking sheet.
- 5. Refrigerate 2 hours and they're ready to go!



#### **STAINLESS STEEL QUICK COUPLINGS**





	PART A
1/2"	66209005-A
3/4"	662090075-A
1"	662090100-A
11/4"	662090125-A
11/2"	662090150-A
2"	662090200-A
3"	662090300-A



	PART B
1/2"	66209005-B
3/4"	662090075-B
1"	662090100-B
11/4"	662090125-B
11/2"	662090150-B
2"	662090200-B
3"	662090300-B



	PART C
1/2"	66209005-C
3/4"	662090075-C
1"	662090100-C
11/4"	662090125-C
11/2"	662090150-C
2"	662090200-C
3"	662090300-C



PART D			
1/2"	66209005-D		
3/4"	662090075-D		
1"	662090100-D		
11/4"	662090125-D		
11/2"	662090150-D		
2"	662090200-D		
3"	662090300-D		

# BEST PRICE/QUALITY RATIO!



PART E			
1/2"	66209005-E		
3/4"	662090075-E		
1"	662090100-E		
11/4"	662090125-E		
11/2"	662090150-E		
2"	662090200-E		
3"	662090300-E		



	PART F
1/2"	66209005-F
3/4"	662090075-F
1"	662090100-F
11/4"	662090125-F
11/2"	662090150-F
2"	662090200-F
3"	662090300-F



PART DP		
3/4"	662090075-DP	
1"	662090100-DP	
11/2"	662090150-DP	
2"	662090200-DP	
3"	662090300-DP	



PART DC			
3/4"	662090075-D0		
1"	662090100-D0		
11/2"	662090150-D0		
2"	662090200-D0		
3"	662090300-D0		

#### **QUICK COUPLINGS / POLYETHYLENE**



GASK	EIS
3/4"	6607901
1"	6607902
1¼" et 1½"	6607903
2"	6607904
3"	6607905





BANJ.
-------

NIPPLES | MIPT x MIPT 63248

REDUCERS | MIPT x FIPT

63251

63247

0"			
:3			
•			

3" x 2"





BALL VAI	LVES
2"   FIPT	63242
2"   MIPT	63243
2"   3-way FIPT	710156
3"   FIPT	63253



CDL cdlinc.ca | cdlusa.com

















#### **A- COUPLINGS WITHOUT** RESTRICTION

MIPT x INS	
3/4"	630100
1"	630101
11/4"	630102
11/2"	630103

#### **B-ADAPTORS**

INS	x FIPT
1/2"	64091
3/4"	64092
1"	64093
11/4"	64094
11/2"	64096
2"	63230

#### MIPT x INS 66195 64054 64056 66198 66199

66200

#### **C- REDUCING ADAPTORS**

1/2"

3/4"

1"

11/4"

11/2"

2"

#### MIPT y INS

MIPT X INS	
½" x ¾"	64053
½" x 1"	6605301
3/4" x 1/2"	64058
³¼" x 1"	63200
1" x 3/4"	66089
1" x 1¼"	63205
1" x 1½	63204
1¼" x ¾"	64060
1¼" x 1"	64062
1¼" x 1½"	63206
1½" x 1"	64064
1½" x 1¼"	64066
1½" x 2"	63208
2" x 1½"	63210

#### **D-TEES**

#### INS x INS x INS

1110 X 1110 X 1110	
1/2"	66022
3/4"	66023
1"	66029
11/4"	6602801
11/2"	66030
2"	66033
½" x ½ x ¾"	63150
<sup>3</sup> / <sub>4</sub> " x <sup>3</sup> / <sub>4</sub> " x <sup>1</sup> / <sub>2</sub> "	635002
<sup>3</sup> / <sub>4</sub> " x <sup>3</sup> / <sub>4</sub> " x 1"	63152
1" x 1" x ½"	6602401
1" x 1" x ¾"	66024
1" x 1" x 1¼"	66020
1¼" x 1" x ½"	6602001
1¼" x 1" x ¾"	6602002
1¼" x 1" x 1"	6602003
1¼" x 1¼" x ½"	6602004
1¼" x 1¼" x ¾"	66025
1¼" x 1¼" x 1"	66028
1½" x 1¼" x 1"	66028011
1½" x 1¼" x 1¼"	66028021
1½" x 1½" x ½"	6602803
1½" x 1½" x ¾"	66026
1½" x 1½" x 1"	66027
1½" x 1½" x 1¼"	66021
2" x 1½" x 1½"	6602101
2" x 2" x ½"	6602102
2" x 2" x ¾"	6602103
2" x 2" x 1"	66357
2" x 2" x 1¼"	6602105
2" x 2" x 1½"	6602106

#### INS x INS x MIPT

3/4" x 3/4" x 3/4"	678483
1" x 1" x 1"	678484
1¼" x 1¼" x 1¼"	678485
1½" x 1½" x 1½"	6602804
2" x 2" x 2"	660331

#### INS x INS x FIPT

<sup>3</sup> / <sub>4</sub> " x <sup>3</sup> / <sub>4</sub> " x <sup>1</sup> / <sub>2</sub> "	6602901
1" x 1" x ½"	6602701
1¼" x 1¼" x ½"	66025010
1½" x 1½" x ½"	6602601

#### **E- CONNECTORS**

INS x INS	
1/2"	66012
3/4"	66013
1"	66014
11/4"	66015
1½"	66016
2"	63220

#### **F- REDUCERS**

INS x INS	
3/4" x 1/2"	66069
1" x ½"	66066
1" x 3/4"	66065
11/4" x 3/4"	66092
1¼" x 1"	66073
1½" x ¾"	66093
1½" x 1"	63175
1½" x 1¼"	66078
2" x 1"	63222
2" x 11/4"	63225
2 x 1½"	66067

#### G-90° ELBOWS

INS x INS	
1/2"	66045
3/4"	66046
1"	64068
11/4"	64070
1" x 3/4"	64073
11/2"	64072
2"	66666
3"	66677

INS x FIPT	
3/4" x x 1/2"	63156
1" x ½"	64071

#### H- CAPS

INS	
1/2"	66076
3/4"	66043
1"	66059
11/4"	66060
1½"	66061
2"	66062



#### **COMPLETE SELECTION AVAILABLE IN STORE!**

#### **CROSSES (SLIP)**



1"	6608152
11/2"	6608153
2"	6608154
21/2"	6608156
3"	6608155

#### Y (SLIP)



1"	6613149
11/2"	6613150
2"	6613152
3"	661330

#### **TEES**



FIPT x FIPT x FIPT	
1/2"	63177
3/4"	63182
1"	63180
11/4"	63178
11/2"	63179
2"	63181



SLIP x SLIP x SLIP	
1"	63184
11/2"	66058150
2"	665545
3"	664565
4"	664599



SLIP x SLIP x FIPT	
1"	631801
11/2	66058151
2"	665637



PVC SUPPORT	
1" x 1" x 1"	6645303
1½" x 1½" x 1½"	6645304
2" x 2" x 2"	6645305
3" x 3" x 2"	6645306

#### 90° ELBOWS



66147
66088152
665530
665499
63214

SP x SLIP



11/2"		66088154
2"		665527
	SLIP x SLIP	
1"		63207
11/4"		661471
11/2"		66088150
2"		665526
21/2"		665543
<b></b>		

MIPT x SLIP

631982



1"	631981
1½"	66088151
2"	665532
3"	665528
4"	63216

FIPT x SLIP



1"	63207
11/4"	661471
11/2"	66088150
2"	665526
21/2"	665543
3"	665534
4"	63203



1/2"	63190
1"	63192
11/4"	63193
11/2"	63194

FIPT x FIPT



11/2"	66088160	
	22.5° ELBOWS (SLIP x SLIP)	
11/2"	66088156	
2"	665540	
3"	665529	

90° ELBOWS (SP x FIPT)



MIPT x FIPT	
1/2"	63196
3/4"	63197
1"	63198
11/4"	63163
11/2"	63166
2"	64086
3"	665512



	45° ELBOWS (SLIP x SLIP)	
	1"	63130
0	11/4"	63131
	11/2"	66088153
	2"	665531
	3"	665536
	4"	63215



#### **ADAPTORS**



S	P x FIPT
1"	63015
1½"	66068154
2"	665585
3"	6606806



SLI	P x INS
1"	63011
1½"	665557
2"	6655461



FIPT x SLIP		
1"		63012
11/4"	NEW NEW	64095
11/2"	•	66068153
2"		665546
21/2"		6606804
3"		6606803
4"		664094



MIPT x SLIP	
1" x 1"	63010
1¼" x 1¼"	63014
1½" x 1½"	66068150
2" x 2"	665525
2½" x 2½"	665547
3" x 3"	6606801
4" x 4"	665506

#### **REDUCERS**



MIPT x I	FIPT
½" x ¼"	66975
3/4" x 1/4"	660777
³¼" x ½"	63185
1" x ¼"	63051
1" x ½"	66973
1" x ¾"	63050
1¼" x ½"	63171
1¼" x 1"	63170
1½" x ¾"	66976
1½" x 1"	66977
1½" x 1¼"	66974
2" x ¾"	669782
2" x 1"	669791
2" x 1¼"	66978
2" x 1½"	66979
2½" x 2"	6697951



SP x	FIPT
1¼" x 1"	660781251
1½" x ¾"	66078151
1½" x 1"	66078150
1½" x 1¼"	66078152
2" x 3/4"	66078275
2" x 1"	66078201
2" x 11/4"	66078153
2" x 1½"	66078250
3" x 2½"	660101
4" x 3"	6625475

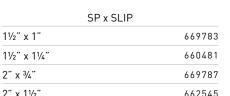


669788

669778



SLIP x	SLIP
1¼" x 1"	66990
1½" x 1"	669779
2" x 1½"	669797
3" x 2"	669793





MIPT x SLIP		
1¼" x 1½"	66068151	
2" x 1½"	66068152	
2½" x 3"	6606802	



#### 2" x ¾" 2" x 1½" 662545 2½" x 1½" 669795 2½" x 2" 669794 3" x 1½" 669786 3" x 2" 679799 3" x 21/2" 669796

#### **CONNECTORS**



SL	IP x SLIP
1"	66452
1½"	66098150
2"	665535
3"	668831
4"	668835



4" x 2"

4" x 3"

#### **CAPS**



:	SLIP
1"	669734
11/2"	630351
2"	668820
3"	66881
4"	66882



FIPT		
1/2"	660521	
3/4"	660801	
1"	660802	
11/4"	660586	
11/2"	630352	
2"	660583	
21/2"	660584	
3"	660806	



MIPT	
1/4"	66053
1/2"	66052
3/4"	6606101
1"	6606102
11/4"	6606103
11/2"	63035
2"	66058
21/2"	660585
3"	66884
4"	66885

#### **QUICK CONNECTORS**



SLIP x SLIP	
1"	66699
1¼"	667003
11/2"	66700
2"	66701
3"	66702
4"	667044



FIPT x FIPT	
1"	66698
11/4"	667004
11/2"	6670012
2"	667012
3"	66693





Stainless steel

HS-10 (¾")	660822
HS-16 (1")	6608301
HS-20 (1¼")	6608311
HS-24 (1½")	660841
HS-32 (2")	60HAS32

Heavy duty. For HD mainline







Heavy duty

1"	660848
11/4"	660838
11/2"	660849
2"	660843
3"	660842
4"	660854



Heavy duty	stainless	steel
------------	-----------	-------

1"	660848S
11/4"	6608385
11/2"	6608495
2"	660843S
3"	6608425



	1½"	660846
	2"	660847
For flexible hose		

#### **ADHESIVES AND TEFLON**



















#### **PVC VALVES**



#### BALL VALVES (FIPT) 1/2" 63100 3/4" 63105 1" 63110 11/4" 63115 11/2" 63120 2" 63125 3" 63128



GATE VALVES (SLIP)		
1"	66175031	
1½"	6617504	
2"	6617506	
3"	6617507	
4"	6617509	



	BALL VALVES HEAVY DUTY (FIPT)	
1/2"	63100R	
3/4"	63105R	
1"	63110R	
11/4"	63115R	
11/2"	63120R	
2"	63125R	
3"	63128R	

#### **STAINLESS STEEL VALVES**



BALL VALVES (FIPT)	
1/4"	6617053
3/8"	601438
1/2"	601412
3/4"	601475
1"	6013TBV21
11/4"	601414
11/2"	601415
2"	6013TBV22



	BALL VALVES (INS x FIPT)
3/4"	66178075
1"	66178100

BALL VALVES (INS x INS)

66177075

66177100

71077W

3/4"

1"

1"



	3-WAY VALVES (OSMOSIS)
3/4"	71017
1"	71014
	3-WAY VALVES (STANDARD)
3/4"	71076W

#### **PVC BALL VALVE**



1"	6618106
1½"	6618107
2"	6618108
Ç	SLIP + FIPT
1"	6618109
11/2"	6618110
2"	6618111

SLIP

#### **PVC SINGLE UNION VALVES**



1"	6618100
11/2"	6618101
2"	6618102
	SLIP
1"	6618103
1½"	6618104
2"	6618105

FIPT x FIPT

#### **CHECK VALVES**



2"	660702
3"	660703
FIPT x FIP	T CLEAR PVC
1/2"	660712
3/4"	660734
1"	660701
11/4"	660714
1½"	660715
2"	660716

SLIP x SLIP CLEAR PVC

6607112





Stainless steel

	FIPT x FIPT	
1/2"		660731
3/4"		660733
1"		660711
	SWING CHECK VALVES	





11/2"

\*Price by foot

66149

\*Price by foot

#### **PVC RIGID PIPES**

#### \*Price by foot



Sold in 10'



Sold in 8' length

	WHITE	
1"		6645100
11/2"		6645006
2"		6645020
3 "		6645011
4"		664513
	CLEAR	
11/2"		6625601040
2"		6625801040

#### **PVC FLEXIBLE PIPES** \*Price by foot 1" 6645101



Not approved food grade

11/2" 6645001 2" 6645002 3" 6645003

#### **PVC STRAPS**



1"	667401
11/4"	667413
1½"	667415
2"	667420
3"	667430

#### **HOSES**

#### **CLEAR FLEXIBLE VACUUM**



3/4"	66450512
1"	6645051
11/4"	664504
11/2"	664505
2"	6614922
3"	664503

#### 1/8" CLEAR THIN WALL



3/4"	6600300
7/8"	660078*
1"	66004001
1-1/8"	660112*
11/4"	664507

Not recommended for vacuum (maximum 30 PSI) \* Use on CDL reverse osmosis



6600400
6600500
66006099200
661491

FLEXIBLE HIGH PRESSURE

100 PSI and more (pressure) For pressure pumps

3/4"	660030012001
1"	660040012001
11/4"	660050992001
11/2"	660060992001

1/4" CLEAR THICK WALL

Can be used with vacuum (50 to 60 PSI maximum) Maximum 24 inches of mercury.

# ONLY AVAILABLE

#### **GREEN FLEXIBLE**



620610
620612
620615
620620
62030
620640

#### 1/4"POLYETHYLENE TUBING

2"



**AND CLAMPS** 

**RUBBER COUPLINGS** 

	1/4"POLYETHYLENE	
1/4"		661415

#### \*Price by foot



**HOSES FOR FILTER PRESSES** 



Α.	Clear 5/8"	6600210
Α	Clear 1"	6600110

5/8" High temperature high pressure

66285

COU	PLINGS
11/4"	66094
11/2"	669050
2"	669051
3"	669058
4"	669060

#### **REDUCERS** 1½" x 1¼" 66099 66098 2" x 11/2" 669054 4" x 2" 3" x 4" 669059



# Your sugaring operation's intelligence



# LET CDL INTELLIGENCE DO THE WORK FOR YOU!

The CDL Intelligence system gives you 24/7 real-time access to your sugarbush's key data so you can better understand your performance and ultimately boost your profitability.

Choosing CDL Intelligence means choosing a simple, reliable, and stable system that will help you:

- Understand your sugarbush's situation in real time
- Make sure your pumping stations are working properly
- > Get the most out of your equipment
- > Take control remotely as soon as a problem arises
- > Save time and money



SCAN TO SEE THE VIDEO bit.ly/cdlvideos





**CDL Intelligence**, a sugarhouse management system that allows the complete automation of systems and processes.

From surveillance to absolute control and automation of the systems of your sugaring operation, let CDL intelligence do the work for you!



Easy to install, easy to use



Quick return on investment

Boost production by at least 1/2 lb per tap while reducing labor costs



Automatic remote updates



CDL maintenance and technical service

### HERE ARE THE FEATURES YOU'LL HAVE AT YOUR FINGERTIPS WHEN YOU CHOOSE A **CDL INTELLIGENCE SYSTEM:**

- > Satellite overview of your sugarbush and tubing with a satellite map (KML/GPS/GPX)
- > Detection of leaks and loss of vacuum in the sugarbush
- Remote vacuum control and start/stop
- **Pumping station monitoring**
- Tank level monitoring
- Remote valve and pump start/stop
- Temperature-based vacuum and drive adjustment
- **Continuous flowmeter and Brix readings**
- **Integrated communication with Intelligent RO**
- Support for multiple communication gateways (remote and not)
- Remote cloud-based access from your computer, tablet, or smartphone

- > Alerts on your smart phone or tablet
- Day and night infrared camera surveillance
- > Automation of many repetitive daily tasks
- Ability to have multiple users with different levels of control
- Time and employee task management
- Geolocation of employees in the woods



- Control and protection module for pressure pumps
- Control and protection for manual RO





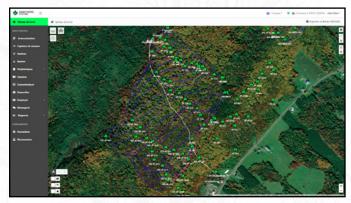
**SMART MAPLE PRODUCTION NETWORK** 

THE ONLY INTELLIGENT NETWORK DEDICATED AT 100% FOR MAPLE SUGARING, TOTALLY DEVELOPED BY CDL.

Your CDL Intelligence system is supported by the CDL Wisemesh network. The experience acquired with the thousands of installed sensors allows us to offer the only maple sugaring intelligent network on the market.



Vacuum table



Interface overview



Station overview

### WITH CDL INTELLIGENCE, YOU'RE GAINING ACCESS TO A RESPONSIVE, USER-FRIENDLY INTERFACE.

### IT'S GUARANTEED TO MAKE LIFE EASIER, WHETHER OR NOT YOU'RE TECH-SAVVY.

- > Data accessible anytime, from anywhere
- > Resolution adjusted for your computer, tablet, or smartphone
- > Simplified design for even more intuitive navigation



#### **STARTER KIT**

#### KIT INCLUDES:

- > 5 single vacuum sensors
- > 1 gateway
- > 1 controller (mini-pc)
- > 1 HD monitoring screen
- > 1 wireless mouse + keyboard

Possibility to add-on to your needs over the years.

21090-EN



#### **OUTDOORS**



#### Vacuum sensor (single)

Remotely measure the vacuum in one master line and see the ambient temperature in the woods. Solar powered.

SE100-V

#### Vacuum sensor (double)

B Remotely measure the vacuum in two master lines and see the ambient temperature in the woods. Solar powered.

SE100-V-2

#### Communication gateway V2

Ensures that information is transmitted between the wireless vacuum sensors and the control hub.

SG100-V2

Qi wireless charger and AC/DC adaptor PG200 assy

Induction charger for the portable gateway.

22201A

E V2 antenna deportation kit (20 ft)



#### **INTERFACE**

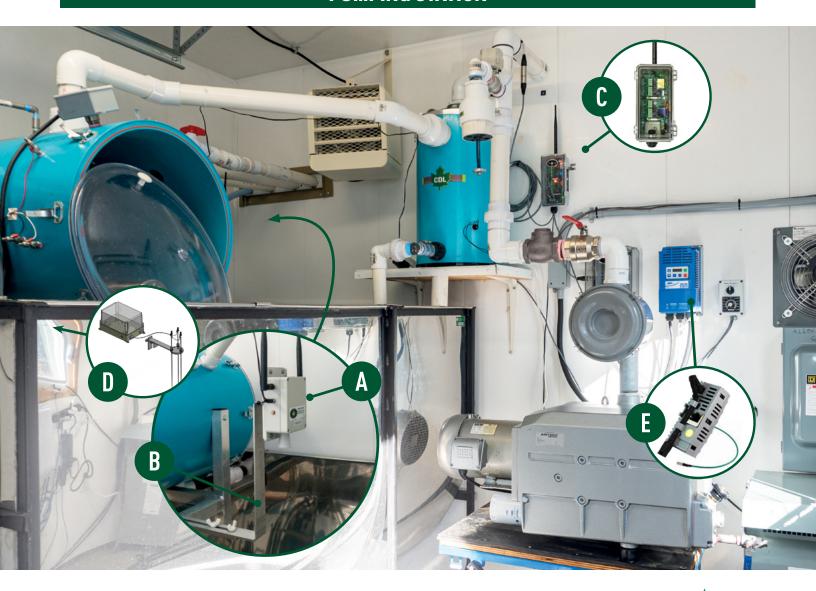
#### CDL Control base

Microcomputer required to run your CDL Intelligence system on your devices (computer, tablet, smartphone).





#### **PUMPING STATION**



Tank	level	sensor

٨	See the levels of sap or concentrate remotely, in real time.	SA100-HT
Н	You can also receive alerts when the water or concentrate reaches	3A100 111
	a certain level.	

#### Tank level sensor holder

21120 Allows you to mount your tank level sensor at the correct distance from the tank walls for a better reading.

#### Multifonction controller (in/out)

Includes two inputs and two outputs. Allows for max 240 V/10 A SE200-M2 valve modulation and/or dry-contact on/off.

New and ultra-compact design. Works with Wisemesh only.

#### Tank level sensor kit with probes 66551 Provides automatic control of pressure pumps.

#### Communication module

Can be added to the phase converter for LENZE vacuum pumps to 21206 manage RPM based on the outdoor temperature.



#### Submersible level sensor 4-20mA

Level reading by pressure. For closed tanks, silos or automated ROs

679610030

Tank bracket Allows you to suspend the submersible level sensor (679610030)

731448



#### **PUMPING STATION (CONTINUED)**

#### **PUMP SAFETY MODULE**





#### Avoid losses and be notified if a problem arises.

Pump safety module that can be easily connected with maple sugaring management system CDL Intelligence (called before monitoring).

Used to stop a water pump when desired parameters are not met (minimum pressure, maximum pressure and duration in seconds). Connected with CDL Intelligence, the system will send you an alert on your cell phone if there is a problem. You will also be able to consult the status of your system remotely.

- > Waterproof plastic case
- > 110V power supply
- > 1/4" MIPT pressure probe included (to be installed on the discharge line)

Safety box for local booster water pump only 521252

Safety box for local booster water pump + monitoring 521256

# 4.0 MEGAPIXEL PAN & TILT WIRELESS IP CAMERA





# AFFORDABLE, STYLISH, INTUITIVE, EASY SET UP: Camera and App are easy to install and simple to control.

CDL CAM Super HD video and up-to-33 feet Night Vision that uses 13 IR LEDs allow you to look after your sugarbush day and night. Pre-set positions (up to 16) to allow you to easily focus and monitor what you need.

Works with either ethernet or 2.4/5GHz Dual-Band WiFi networks, which provide a reliable WiFi connectivity to access your camera with CDL Monitoring app on mobile device, and with PC at anytime, anywhere.

REMOTE PAN TILT: Remote control camera rotate 355° in horizontal and 120° vertical ensuring you always have a clear view of your sugaring installation.

20210





#### **PUMPING STATION (CONTINUED)**

#### **FLOWMETERS**

#### **CDL ULTRASONIC FLOWMETER**

- > To measure flow per minute and the total quantity of liquid. Works positively and negatively. Possibility to reset to zero.
- > Not made for applications under vacuum. Works on 24 volt with a transformer included. Maximum pressure 150 psi.
- > Easily connects to the CDL Intelligence system (monitoring).

1" RS-485 MESH	210100U	Annacour General
1-1/2" RS-485 MESH	210150U	
2" RS-485 MESH	210200U	TOTOL
3" RS-485 MESH	210300U	

#### **CDL ROTARY FLOWMETER**

- > To measure flow per minute and the total quantity of liquid. Works positively only. (installation of a check valve is recommended. Possibility to reset to zero.
- > Recommended for applications under vacuum (ex: coming out of an extractor). Works on 24 volt with a transformer included. Maximum pressure 150 psi.
- > Easily connects to the CDL Intelligence system (monitoring).

1" RS-485 MESH 2.5 - 79 GPM	210100
1-1/2" RS-485 MESH 6.5-225 GPM	210150
2" RS-485 MESH 10.5-357 GPM	210200
3" RS-485 MESH 24-739 GPM	210300



#### **MOTORIZED VALVES**

Use the CDL Intelligence system to remotely control tank drainage valves, discharge tubing, and extractors in remote pumping stations.

Motorized valve 120 V   ON/OFF 2" ferrule	668408S
Motorized valve 120 V   ON/OFF 2" ferrule	668409S
Motorized valve 120 V   ON/OFF 2-1/2" ferrule	668410S
Motorized valve 120 V   ON/OFF 3" ferrule	668411S
Motorized valve 120 V   ON/OFF 4" ferrule	668412S





#### **PUMPING STATION (CONTINUED)**



# VACUUM REGULATING MODULATING VALVE

### CDL MONITORING SYSTEM OPTION FOR REMOTE VACUUM MODULATION

#### **ADVANTAGES:**

- > Improve vacuum management to prevent premature mainline freezing when temperature are close to 0 °C
- > Energy saving when the system is frozen or during the night when the sap is running very little
- > Better vacuum management. Can allow quicker sap flow at the beginning of the day for systems that are not tight



668409

Vacuum regulator and plumbing not included.

#### **EMPLOYEE MANAGEMENT MODULE**

# MANPOWER MANAGEMENT OF YOUR SUGARING BUSINESS CAN NOW BE DONE WITH THE CDL INTELLIGENCE SYSTEM!

#### FROM THE WEB INTERFACE, THE SYSTEM ADMINISTRATOR CAN:

- > Build personalized reports on employee tasks, for example:
  - > Who did the work
  - > Date the work was done
  - > Time spent on the task
  - > Apply filters on employees, the type of work, the period, etc.

#### > Build timecard reports

- > Filter by employee or period
- > Simplify pay management by getting the time for each employee for a period

#### > Detailed view of timecards

- > Day by day time entries detailed by type of task
- > Filter per period

#### FROM THE MOBILE APP,

- > Log employee displacements
- > Time card: Start/stop the stopwatch and possibility to specify the task



THIS BRAND NEW MODULE CAN MANAGE THE DAILY ROUTINE FOR YOU. FOR MORE DETAILS, CALL YOUR CDL SALES REPRESENTATIVE.



# CDL EXPERTISE AT THE SERVICE OF MAPLE SYRUP PRODUCERS!

DID YOU KNOW THAT THE CDL TEAM IS HERE TO MEET ALL OF YOUR NEEDS?

HERE IS THE LIST OF SERVICES
WE OFFER. ASK YOUR STORE
OR YOUR CDL REPRESENTATIVE!



Have your project fully assessed by our experts, who have access to a large inventory in real time.

#### > Maple syrup and technical advice

Take advantage of the advice of our experts to calculate the pipe sizing and discharge calculation.

#### > GPS mapping

Optimize the strategic positioning and planning of your equipment using GPS technology.

#### > Installation of mainlines and tubing

Take advantage of the industry's best practices and ask our experts to install your mainlines and tubing in your forest.

#### > Equipment rental

Rent an Electrofusion welder or a SpinSeal welder for your one-time installation needs. Verify with your CDL branch to find out if other equipment is available for rental in your region.

#### > Assembly of drop lines

Make your life easier with our drop line assembly service! Available in every CDL store.





Get advice from our experts on our forest surveillance system. Our team will assess your needs and guide you step by step on its installation in your sugarbush.

#### > Turnkey installation of equipment

When making your purchase, ask our experts to deliver and do a complete installation of your CDL equipment directly to your sugarhouse.

#### > Repair at the sugarhouse

Start maintaining your equipment before the start of the sugar season! Our team will come to your sugarhouse to repair your electrical, welding, plumbing, start-up and burner adjustment problems, for any brands.

#### > Personalization and modification of equipment

Add your company name to your CDL equipment, or request custom adjustments if you have specific needs.

#### > 24/7 assistance during the sugaring season

During the sugaring season, our team is available 24 hours a day, 7 days a week to respond to your emergencies.

54 | EXTRACTORS 2022

#### **VARIABLE SPEED EXTRACTOR**

#### **ADVANTAGES**

- → Continuous sap evacuation;
- → Progressive pump start;
- → Progressive pump stop;
- → Minimizes amperage peaks;
- → Pump adapted to pump up water;
- → Stays clean;
- $\rightarrow$  Continuous action.

18" x 36" simple 🗥	1 x 1-1/2 HP	1 PH	240V	1836ES15VAR
20" x 48" simple 🗥	1 x 2 HP	1 PH	240V	2048ES2VAR
20" x 48" double 🗥	1 x 2 HP	1 PH	240V	204820ES2VAR
20" x 48" double 🗥	2 x 2 HP	1 PH	240V	204820ES2DVAR
20" x 48" simple 🗥	2 x 2 HP	1 PH	240V	2048ES2DVAR
20" x 60" double 🗥	3 x 2 HP	1 PH	240V	206020ES3VAR





#### HORIZONTAL EXTRACTORS WITH SUBMERSIBLE PUMP

# OFTEN COPIED, **NEVER EQUALLED!**



The specified measurement is the distance between the base of the extractor and the center of water entry.

#### **A**: AVAILABLE IN 3 PHASES 208V, 460V ET 575V.

#### **ADVANTAGES**

- $\rightarrow$  No sap-return in the 5/16" tubing;
- → High quality submersible pump;
- → Pump adapted to pump up water;
- → No air in the tubing system while extracting sap;
- ightarrow Solves the sap extraction problems caused by pumping at high vacuum;
- → No float, extremely reliable.

18" x 48"	1/2 HP	204820ES
18" x 48" 🐴	2 HP	204820ES2
18" x 48" 🔨	1 x 2 HP Low pressure	204820ES2LP
18" x 48" <u>^</u>	2 x 2 HP	204820ES2D
18" x 48" 🔨	2 x 2 HP Low pressure	204820ES2DLP
18" x 60" <u>^</u>	3 x 2 HP	206020ES3
18" x 60" 🔨	3 x 2 HP Low pressure	206020ES3LP
18" x 60" <u>^</u>	4 x 2 HP	206020ES4
18" x 60" 🔨	4 x 2 HP Low pressure	206020ES4LP

Pressure gauge not included



2022 EXTRACTORS | **55** 

#### **LOW HORIZONTAL EXTRACTORS**



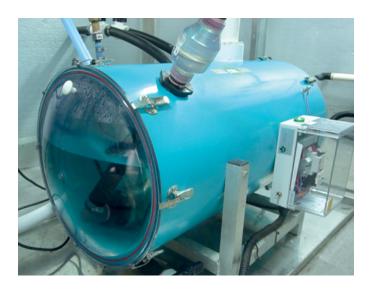
The specified measurement is the distance between the base of the extractor and the center of water entry.



#### **ADVANTAGES**

- $\rightarrow$  Very low (only 24" from the ground);
- $\rightarrow$  No sap-return in the 5/16";
- → High quality submersible pump;
- → Pump adapted to pump up water;
- → No air in the tubing system while extracting sap;
- ightarrow Solves the sap extraction problems caused by pumping at high vacuum.

#### Submersible conversion kits available.



12" x 24"	1 x 1/2 HP	1224ES
18" x 36"	1/2 HP	1836ES
18" x 36" 🐴	1-1/2 HP	1836ES15
18" x 48" 🐴	2 HP	2048ES2
18" x 48" 🐴	1 x 2 HP Low pressure	2048ES2LP
18" x 48" 🐴	2 x 2 HP	2048ES2D
18" x 48" 🐴	2 x 2 HP Low pressure	2048ES2DLP

Pressure gauge not included

: AVAILABLE IN 3 PHASES 208V, 460V ET 575V.



#### **EXTRACTOR GRID**



The grids are designed to hold ice, wood shavings or plastic and it prevents them from getting in the pump and damage it.

Available in multiple sizes. Ask about them!

**56** | EXTRACTORS 2022

# **SELF-CLEANING EXTRACTORS**

**OUR EXTRACTORS ARE NOW AVAILABLE** WITH A SPRINKLER FOR SELF-CLEANING!





SELF-CLEANING EXTRACTORS KITS MAY ALSO BE INSTALLED ON YOUR **EXISTING EXTRACTORS!\*** 72000200

<sup>\*</sup> Requires external pump and plumbing (not included). Contact us for details!





#### **VERTICAL EXTRACTORS WITH SUBMERSIBLE PUMP**





MANAGEMEN	T SYSTEM	Without manifold	With manifold
18" x 40"	1/2 HP	2036ES	203608ES
18" x 40"	1-1/2 HP	2036ES2 With converter	203608ES2
18" x 40"	2 x 1/2 HP	2036ESD	203608ESD
18" x 40"	2 x 1-1/2 HP	2036ES2D With converter	203608ES2D

Pressure gauge not included

#### **ADVANTAGES**

- → Opening on top for easy cleaning;
- $\rightarrow$  No sap-return in the 5/16" tubing;
- → High quality submersible
- → No float, extremely reliable;
- → No air in the tubing system while extracting sap;
- $\rightarrow$  Solves the sap extraction problems caused by pumping at high vacuum.

The specified measurement is the distance between the base of the extractor and the center of water entry



2022 EXTRACTORS | **57** 

#### **MECHANICAL EXTRACTORS**



4 1½" openings 2 1" openings

3 000 taps



12" x 18" 121808

12" x 24" 122408 4 000 taps

The specified measurement is the distance between the base of the extractor and the center of water entry.



#### **ADVANTAGES**

- → Quick evacuation of the sap;
- → No-maintenance mechanism;
- → Stainless steel fleet;
- → Openings at both extremities to ease cleaning;
- → Non bonded, dismountable cylinder.

 18" x 24"
 202608
 Manifold 8" x 26 low
 6 000 taps
 8 1½" openings

 18" x 24"
 202612
 Manifold 12" x 26 low
 12 000 taps
 8 1½" openings

Pressure gauge not included



#### **HIGH VACUUM MOISTURE TRAP**



Designed for high vacuum, this moisture trap captures water particules in the air that are not normally retained by conventional traps. It offers better protection for your pumps than other models on the market.



CDL 3" high vacuum moisture trap mechanical/electrical

710607

#### **VACUUM PROTECTION VALVE**





The vacuum protection valve safely prevents sap overflow in your moisture trap or your vacuum pump without shutting vacuum down.

668411

#### **MOISTURE TRAPS**



Α	CDL 2" moisture Trap	6610508
D	CDL 3" moisture Trap	710605
D	Electric option	667282

#### **REPAIR PARTS**





#### **VACUUM BOOSTER TANKS** THICK WALL



Pressure gauge included

	1
CDL	
	co

Pressure gauge included

HORIZONTAL		
8" x 24"	722408	
2" x 24"	722412	

12" x 36" 723612 18" x 36" 723618

#### **VERTICAL**

12" x 18"	721218
12" x 24"	721224

#### **SAP LIFTERS**







300 taps

73015





THE NEW OPTION TO SOLVE FREEZING, MECHANICAL AND LEAK PROBLEMS IN A REVERSE SLOPE APPLICATION.

- No need to have power, the system works on solar energy. An optional 230 V low consumption is also available.
- Access the inside through a small or a large door in the front.
- Continuous heating with a safe propane pilot to prevent freezing (propane tank not supplied).
- Mainlines entry completely reversible.
- Leak free system that won't freeze to reach maximum vacuum.

Easy installation and maintenance using quick connects.



This equipment is used to lift sap from one pipe to another sloping down to a pump station. The system can lift sap up to 20 or 33 feet of elevation depending on model.

#### **INCLUDES:**

- > High quality insulated plastic shelter.
- > Reliable system using a submersible pump
- Quick connect electrical components
- 1 foldable (in 3 sections) solar panel for easy transportation and installation, giving 300 watts of charging capacity. (solar model)
- > 2 batteries (solar model)

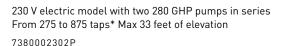
#### **4 AVAILABLE MODELS:**

12 V solar model - From 200 to 700 taps\* 73800012V1P

230 V electric model with 1 pump From 300 to 1 000 taps\* 7380002301P

230 V electric model with 2 pumps From 600 to 2 000 taps\*

7380002302P



\* May vary depending on vacuum level.









By Lionel Turmel, expert and customer service

# THE ADVANTAGE OF VACUUM

# MODULATION

Installing a valve to modulate vacuum has one main advantage: it will increase the volume of your sap runs by preventing freezing in your lateral lines and mainlines when temperature outside is humid and around freezing point. Also, when the temperatures are very cold and you keep the pumps running, dropping the vacuum level will prevent hard freezing of the lateral lines and mainlines. Using this new technology, you should observe earlier sap runs.

The vacuum modulating valve is installed near the vacuum pump inlet. Managed by our CDL Intelligence system, the valve will automatically set itself to a preprogrammed optimum combination of vacuum and outside temperature that you have predetermined for your sugarbush to maximum the length of your sap run before freezing.

In high-vacuum systems, micro leaks can cause early freezing stage issues in 5/16" tubing and mainlines even with temperature above freezing point, especially when there is a lot of moisture in the air. As we know, maple trees can keep giving sap until the temperature reaches 0 °C and sometimes less. If you can prevent early freezing stage, you will get more sap production. This is what all sugarmakers want and should be looking for with this innovative CDL way of managing vacuum.

**Remember, every drop counts**; a gallon of 2 Brix sap is worth about \$1.00.

Contact us to learn more. We'd be happy to help you!



# CHOOSE A HIGH VACUUM PUMP: THE BEST INVESTMENT FOR YOUR BUSINESS!

#### WE DID THE MATH!

- > Go from 25 to 29"Hg of vacuum and increase production by 20%
- > Go from 3,5 to 4,2 lb per tap gives:
  - + \$7 000 of revenue / year for 5,000 taps
  - + \$14 000 of revenue / year for 10,000 taps
  - + \$42 000 of revenue / year for 50,000 taps

#### A 1 YEAR RETURN ON YOUR INVESTMENT!



#### **CDL HIGH PERFORMANCE VANE VACUUM PUMP**



0.5 HP 120/240V 1PH	(250 taps)	58006G40.5HP
1 HP 120/240V 1PH	(650 taps)	58020G41HP*
* Plug in model includes electric c	ord and male plug.	
1 HP 208-460V 3PH	(650 taps)	58020G11HP
- 1 HP 575V 3PH	(650 taps)	58020G51HP
1.5 HP 575V 3PH	(1 000 taps)	58031G51.5HP
1.5 HP 208-460V 3PH	(1 000 taps)	58031G11.5HP
2 HP 208-460V 3PH	(1 800 taps)	58041G12HP
2 HP 240V 1PH	(1 800 taps)	58041G42HP
2 HP 575V 3PH	(1 800 taps)	58041G52HP
3 HP 208-460V 3PH	(3 000 taps)	58064G13HP
3 HP 240V 1PH	(3 000 taps)	58064G43HP
3 HP 575V 3PH	(3 000 taps)	58064G53HP
5 HP 208-460V 3PH	(3 700 taps)	58101G15HP
5 HP 240V 1PH	(3 700 taps)	58101G45HP
5 HP 575V 3PH	(3 700 taps)	58101G55HP
7.5 HP 208-460V 3PH	(7 000 taps)	58160G17.5HP
7.5 HP 240V 1PH	(7 000 taps)	58160G47.5HP
7.5 HP 575V 3PH	(7 000 taps)	58160G57.5HP
7.5 HP 208-460V 3PH	(8 300 taps)	58200G17.5HP
7.5 HP 240V 1PH	(8 300 taps)	58200G47.5HP
7.5 HP 575V 3PH	(8 300 taps)	58200G57.5HP
10 HP 575V 3PH	(11 300 taps)	58250G510HP
10 HP 208-460V 3PH	(11 300 taps)	58250G110HP
<ul><li>10 HP 208-460V 3PH</li><li>* Available upon request.</li></ul>	(11 700 taps)	58300G110HP*
- 15 HP 208-460V 3PH	(11 700 taps)	58300G115HP

#### **DESIGNED FOR UP TO 29,9" HG!**

Available from 1.5HP to 10HP, single or 3 phase motor Available in 208-460V, 240V and 575V





#### **ADVANTAGES**

- > Compact and quiet
- > Very little maintenance
- > Very reliable
- > High performance
- > Competitive pricing

SCAN TO SEE THE VIDEO bit.ly/cdlvideos



Contact your CDL sales representative to find out which pump is right for you!



CDL cdlinc.ca | cdlusa.com

#### **CDL HIGH VACUUM PUMP WITH GAS MOTOR**



## 100% CDL ASSEMBLY

Gas powered CDL vacuum pump 5 HP assembled (less than 1800 taps)

58041GG5HP

Gas powered CDL vacuum pump 9 HP assembled (less than 3 000 taps)

58064GG9HP

#### THE ASSEMBLY **INCLUDES:**

- $\rightarrow$  High vacuum CDL pump
- → Electric starter
- $\rightarrow$  Battery
- → Honda gas motor
- → Steel platform

#### ADJUSTABLE CART FOR CDL AND **AIRTECH (L-SERIES) VACUUM PUMPS**



Adjustable cart for CDL and Airtech 6660200 vacuum pump

Plumbing not included.

5 HP to 10 HP

Available options:

Board for 6660200PA control panel

Moisture trap 6660200SU support



At CDL, we're behind you when it matters. As sugarmakers, we know how important it is to have a qualified and professional service available 24/7 so that you can fully enjoy the sugaring season!

### **TECHNICAL SERVICE, INSTALLATION AND EXPERT ADVICE.**







\* 24h Service during the sugaring season



#### **DIAPHRAGM VACUUM PUMPS**

#### (IDEAL FOR SMALL PRODUCERS)







Source : 120 volts

Α

В

C

#### **ADVANTAGES**

- $\rightarrow$  Pumps up to 22" Hg;
- → Works without a sap extractor;
- → Easy to use and very compact;
- → Liquid won't damage the pump;
- → Can run dry without problem.

Inline filter required to prevent ice from going in the pump. See page 82.

Note: These pumps must be protected from freezing.



Replacement diaphragm

G500SK-13

A	Single diaphragm vacuum pump (electric)	Up to 400 taps	669512
	Double diaphragm vacuum pump (electric)	Up to 800 taps	669514
В	24 VDC double diaphragm pump Minimum of 12 hours of operation when used with 2x 12V DC 60 amp batteries. Batteries not included.	Up to 700 taps	669520
С	24 VDC electric diaphragm pump Minimum 20 hours operation on 2 12VDC	Up to 400 taps	669510

#### **2 STAGE LIQUID RING CDL PUMPS**

#### **ADVANTAGES**

- > Up to 28 Hg
- > No mechanical friction inside the pump.
- The circulation of water around the rotor creates vacuum
- > Maintenance free
- > Ideal in a heated room without freeze

5 HP 208/460V 3PH	(4 000 taps)	5845008G15HP
5 HP 230V 1PH	(4 000 taps)	5845008G45HP
5 HP 575V 3PH	(4 000 taps)	5845008G55HP
7.5 HP 208/460V 3PH	(6 000 taps)	5845311G17.5HP
7.5 HP 230V 1PH	(6 000 taps)	5845311G47.5HP
7.5 HP 575V 3PH	(6 000 taps)	5845311G57.5HP
10 HP 208/460V 3PH	(8 000 taps)	5845316G110HP
10 HP 230V 1PH	(8 000 taps)	5845316G410HP
10 HP 575V 3PH	(8 000 taps)	5845316G510HP



# **PROVEN RELIABILITY** FOR OVER 40 YEARS!





#### **PHASE CONVERTERS**



	CONVERTER	DRIVE
1.5 HP	66111DA	-
2 HP	66112DA	-
3 HP	66113DA	-
5 HP	66115DA	-
7.5 HP	66129DA	-
10 HP	66118DA	66115DA
15 HP	66015DA	66129DA
20 HP	66120DA	66118DA

230V → 208V

3 PHASE

### **Factory preprogrammed**

Available on 550 V. **Ask your CDL sales representative!** 



#### **OIL FOR RECLAIMERS**



High vacuum oil, 18,9 L Grade 32

663532

663549

Oil recommanded by



#### **VACUUM OIL FOR VANE PUMPS**



Vacuum oil, 10 L Grade 60

Ideal for DeLaval pump Without reclaimer

Oil recommanded by



#### **AUTOMATIC STARTERS**



	120V	230V	575V
1 & 2 HP	-	66573	-
1.5 HP	66574	-	-
3 HP	-	66571	66590
5 HP	-	66562	66595
7.5 HP	-	66561	66588
10 HP	-	66563	66569

#### **AUTOMATIC STARTERS**







A	Temperature controlled automatic starter	669375
В	Manual adjustment kit for converter	68100
С	Vacuum transmitter probe	GRD1632

#### **VACUUM REGULATOR**



721212

#### **HIGH VACUUM OIL FOR AIRTECH** AND CDL VANE PUMPS

Vane pump oil ISO 22 3.78 L

6635378

663520



Vane pump oil 22

Oil recommanded by



Screw pump oil Airtech VCX, 1 L AIRTECH'

68AT03000



cdlinc.ca | cdlusa.com



#### **GAUGES**







DIGITAL VACUUM

В



PRESSURE



GLYCERIN PRESSION

D

A	Vacuum	2,5" 0-30 HG SS	64011SS
		4" 0-30 HG SS 3 % precision	66120SS
В	Digital vacuum	0-30 HG	64019
	Риссения	2,5" 0-100 PSI SS bottom outlet	64010SS
L	Pressure	2,5" 0-100 PSI SS rear outlet	64016SS

D	Glycerin pressure	2,5" 0-100 PSI SS bottom outlet	66330SS
		2,5" 0-100 PSI SS rear outlet	663331SS
		2,5" 0-200 PSI SS rear outlet	663349SS
		2,5" 0-600 PSI SS rear outlet	663337SS
		2,5" 0-1 000 PSI SS bottom outlet	64014SS

#### **PRESSURE PUMPS (VACUUM)**



	GOULD PUMPS NPE SERIES		
	3/4 HP	669003	1 st
	1 HP	669000	1 st
	1-1/2 HP	669001	1 st
	2 HP	669006	1 st
	3 HP	669007	1 st
	1-1/2 HP	669011	2 st
	2 HP	669020	2 st
	3 HP	669021	2 st
	5 HP	669015	2 st
	1-1/2 HP	669028	3 st
	2 HP	669024	3 st
	3 HP	669022	3 st
-	3 HP	669042	3 st

1 st : Water inlet 11/4" Water outlet 1" 40 GPM 2 st : Water inlet 1½" Water outlet 1¼" 80 GPM 3 st : Water inlet 2" Water outlet 1½" 120 GPM

Up to 67 PSI. Call one of our experts to determine the speed and power of your pump.

#### Stainless steel tips

The conversion of cast iron tips to stainless steel can be done by CDL. Ask for it!



0.5	GOULD PUMPS GB SERIES			
100	5 GPM	665GBS10	1 HP	
	7 GPM	667GBS10	1 HP	
	10 GPM	6610GBS10	1 HP	
	10 GPM	6610GBS15	1-1/2 HP	
	10 GPM	6610GBS20	2 HP	
8 :=	18 GPM	6618GBS10	1 HP	
	18 GPM	6618GBS15	1-1/2 HP	
WIN	18 GPM	6618GBS20	2 HP	
04/44	18 GPM	6618GBS30	3 HP	
A TOP OF THE PROPERTY OF THE P	25 GPM	6625GBS10	1 HP	
E-SV Series	25 GPM	6625GBS15	1-1/2 HP	
available upon request	25 GPM	6625GBS20	2 HP	
	25 GPM	6625GBS30	3 HP	
NEW —	33 GPM	6633GBS20-208/460	2 HP	

For special cases, up to 475 PSI and 700 GPM. Flow rate from 5 to 33 GPM. Up to 250 PSI



Pompco pumps also available.
Contact us for more details.

66 | CDL VERTICAL SILOS 2022



# CDL VERTICAL SILOS

# SPECIFICALLY DESIGNED FOR SUGARING NEEDS

- Superior quality, CDL fabrication in brushed stainless steel
- Reinforced urethane insulated base with anchor points
- Sloped bottom for complete drainage
- Available sizes:

8 foot diameter:

Height of 7.5', 10', 12.5', 15', 20' and 25'

12 foot diameter:

Height of 10', 15', 20' and 25'

SCAN TO SEE THE VIDEO bit.ly/cdlvideos





#### **INCLUDES:**

- > 360° rotating spray ball
- > Manhole at the bottom
- > Water inlets (1 from bottom and 1 from above) and outlet 3"
- > Air vent with screen for venting without bugs or any undesirable debris

#### **OPTIONAL:**

- > Personalization with your name and/or logo
- > Manhole on top
- > Ladder and platform following all the safety standards in Canada and the United States
- > Protection cage for ladder
- > Many pump models available for spray balls (piping and connections extra)
- > Pressure transmitter, temperature transmitter and level indicator through the CDL Intelligence system
- > Cage to link building to silo
- > Stainless steel top feed plumbing
- > Stainless steel supply plumbing for rotating spray ball



# **CDL TRANSPORT TANK**



- > 1x 3" inlet
- > 1x 3" outlet
- > 8" inspection hole for the 500 gallons and 24" for the 1 000, 3 000 and 3 800 gallons
- > Lifting anchors
- Anti-wave separation, acting as baffles to reduce sloshing during transport for the 1 000, 3 000 and 3 800 gallons

#### **OPTIONAL:**

- > Water level
- > Single wash ball
- > Double wash ball
- > Ladder

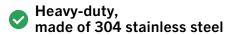
 500 gal US
 66TR500
 3 000 gal US
 66TR3000

 1 000 gal US
 66TR1000
 3 800 gal US
 66TR3800

# SPECIFICALLY DESIGNED FOR SUGARING NEEDS

New transport tank line available in four different sizes to suit all your needs!

Transporting your water from one site to another has never been easier and safer!



68 | STAINLESS STEEL TANKS 2022

# ROUND BOTTOM TANKS SMALL AND LARGE CAPACITY

MORE THAN 125 SIZES AVAILABLE FROM 50 to 7 500 gallons.

Complete listing on our website



#### **ADVANTAGES**

- → Food grade and strong high quality welds allow complete sanitizing;
- $\rightarrow$  Made of bright 304 stainless steel.

Elevated 6" for easier plumbing

# Personalize your tank! Contact us for more information.

#### TRANSPORT TANK FOR ATV

CDL transport tank specially designed for ATVs

75 gallons capacity

66TR075

STRONG STAINLESS STEEL DESIGN



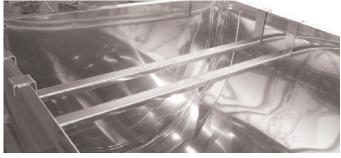
#### **EXTRACTOR SUPPORTS**

#### SUPPORT KITS

2' wide	672078
3' wide	672079
4' wide	672080
5' wide	672081
6' wide	6720821
7' wide	672082

All of our extractor supports can be adjusted to the desired depth.

Stainless steel





TANK WASHER WITH REMOTE CONTROL

# Innovative Footural



Labor-saving automated tank washing

Several sizes available.
Contact your CDL sales representative!

SCAN TO SEE THE VIDEO





#### **PLUGS**

			FOR TANKS	
	1-1/2"	5' rod		678112
1	2"	5' rod		678123
	3"	7' rod		67B0UCH37

#### **TANK LEVEL CONTROL**



6' level control for CDL tanks

73500-6

#### **ADVANTAGES**

- → The CDL tank level controls are made entirely of stainless steel;
- → In addition, you can very quickly and easily adjust the desired sap level where the pump will start;
- → The solidity of CDL controls prevent breakage caused by ice.

# UNIVERSAL MIXER AND STAINLESS STEEL SUPPORT



Universal mixer for 4', 5', 6' and 7' wide tank

6792034

Adjustable stainless steel support. 1/2 HP motor at 30 RPM, 115 Volts with 10' electric cord.

Note: a cut in length may be required to adjust the height. Prices are available upon request.

#### **ADAPTORS**



1/2"	RA5012
3/4"	RA5032P
1"	RA5034P
1-1/4"	RA5036P
1-1/2"	RA50309P
2"	RA5042P
3"	RA5/5/P

FOR PLASTIC TANKS

#### FOR STAINLESS STEEL TANKS



1-1/4"	668673
1-1/4"	66867
2"	668672





#### **HORIZONTAL PLASTIC TANKS**

US GALLONS	DIAMETER X HEIGHT	LID SIZE	OUTLET	
35	20" x 23" x 29"	5"	3/4"	H0R035
55	23" x 26" x 34"	5"	3/4"	HOR055
65	23" x 27" x 43"	5"	3/4"	HOR065
125	32" x 35" x 42"	8"	2"	H0R125
225	38" x 41" x 49"	8"	2"	H0R225
325	38" x 43" x 68"	16"	2"	H0R325
425	49" x 54" x 60"	16"	2"	H0R425
525	49" x 54" x 71"	16"	2"	H0R525
725	49" x 54" 101"	16"	2"	H0R725
1 025	49" x 54" x 139"	16"	2"	H0R102
1 625	63" x 68" x 139"	16"	2"	H01625



# Elliptical tanks also available

Ask your representative!

Adaptors and level indicator included. Galvanized bands not included.

#### **SPECIAL APPLICATION**







PC0 tank Available sizes: 30 to 300 US gallons.

#### **TANKS - VARIOUS MODELS**



A





В

For pickup truck

	US GALLONS	WIDTH X HEIGHT X LENGTH	LID SIZE	OUTLET	
	210	51" x 39" x 28"	8"	2"	PUP210
Α	325	62" x 49" x 33"	8"	2"	PUP325
	425	65" x 49" x 39"	8"	2"	PUP425
D	300	29" x 49" x 62"	16"	1-1/4"	SPE300
В	400	29" x 71" x 66"	16"	1-1/4"	SPE400



#### **VERTICAL PLASTIC TANKS**

US GALLONS	DIAMETER X HEIGHT	
	LARGER BASE	
100	28" x 43"	VER100
305	46" x 50"	VER305
550	67" x 42"	VER550
1 100	87" x 53"	VE1100
1 550	87" x 67"	VE1550
1 700	87" x 74"	VE1700
2 100	87" x 89"	VE2100
2 500	95" x 91"	VE2500
3 000	95" x 109"	VE3000
	SMALLER BASE	
25	18" x 29"	SPS025
50	18" x 53"	SPS050
65	23" x 43"	SPS065
75	23" x 49"	SPS075
105	23" x 63"	SPS105
165	31" x 56"	SPS165
200	30" x 72"	SPS200
250	30" x 89"	SPS250
300	36" x 79"	SPS300
500	48" x 73"	SPS500
750	48" x 103"	SPS750
1 000	64" x 80"	SP1000
1 500	64" x 116"	SP1500

#### **TANK STRAINER BASKETS**



For 5" cover	STBA05
For 8" cover	STBA08
For 12" cover	STBA12
For 16" cover	STBA16

#### **REPLACEMENT LIDS AND COLLARS**

16" solid, non-ventilated cover	LIDP16S
16" ventilated, requires central cover	LIDP16
5" ventilated, for center of 16" cover	LIDPV5
8" solid, non-ventilated cover	LIDP08
5" ventilated 16" cover	LIDP05
8" threaded replacement collar	COL008
12" threaded replacement collar	COL012



# ULTRAFILTRATION

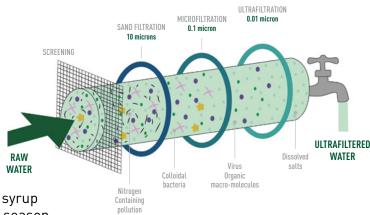
Be a part of the next innovation in maple sugaring



# TECHNOLOGICAL ADVANCEMENT OF FILTRATION

- Eliminates all bacterias and yeast present in the sap;
- Increases preservation time of sap and concentrate at room temperature;
- Reduces sap waste after long distance transport;
- Produces pure and clear sap;
- Essential for maple syrup producers that want to bottle maple sap;
- Can be used to prevent production of stringy maple syrup when the days are warm during or at the end of the season.





### CDL quality standards and simplified operations

- Designed and made for very fine filtration of maple sap, birch sap and concentrate
- Eliminates bacteria, yeast and other organic particles from liquids
- Improves sap and concentrate preservation time



2022 HOBBY REVERSE OSMOSIS

# CDL NANO RO REVERSE OSMOSIS SYSTEM



# PERFECT FOR THE SMALL PRODUCER WANTING TO LOWER EVAPORATION TIME AND COST!







- > Simple and efficient design
- > Three step pre-filtration to eliminate impurities
- > Efficient membrane system
- > Includes 600 GPD membrane, cartridge pre-filters and hook-up tubing
- > Low electric consumption 110 volts

#### 2 AVAILABLE MODELS:

### 3 membrane model with recirculation

81013R

> Ideal for 50 to 150 taps

**Replacement parts:** 

- > 10 to 13 GPH
- > Concentration up to 6 Brix
- > Recirculation pump to maintain performance longer

#### 2 membrane model

81008

- > Ideal for 25 to 75 taps
- > 6 to 8 GPH
- > Concentration up to 5 Brix
- > Easy to operate
- > Very affortable

#### > 6682101 - PP Filter 600 GAL.

> 660600 - 600 GPD RO Membrane

#### ULTRA COMPACT HOBBY RO

- Ideal for 200 to 400 taps
- > Process 50 gallons per hour
- > Easy drainage
- > Ultra compact design
- > CDL made = quality product
- > Easy to use and store

81050



# VERTICAL HOBBY RO

- Ideal up to 2000 taps
- > 125 GPH to 250 GPH (1 or 2 posts)
- > Main unit in stainless steel
- > Frame on wheels for easy moving
- > Easy drainage
- > Pump in stainless steel
- > 4" post in stainless steel
- > Membrane: CDL MRO
- High and low pressure protection
- Power:120 volts (17 Amps),240 volts (10 Amps)

81125V	120 V	125 GPH
81125V-240	240 V	125 GPH
81250V	120 V	250 GPH
81250V-240	240 V	250 GPH











### REMOTELY CONTROL

## YOUR CURRENT RO FOR AN AFFORDABLE COST!

You have a reverse osmosis concentrator and would like to remotely manage certain key stages in the concentration process?

It is now possible to add an affordable module with different options to control your current system at your fingertips, no matter which model you have or which company it's from. An easy novelty to install. Now available at CDL!

Here's what it can do:

- > Start/stop the system
- > Operate tank valves (sap and permeate)
- > Direct concentrate and filtrate to tanks or other locations
- > Manage pressure and concentrate flow
- > Read input pressure and turbine high/low pressure
- > Read permeate or concentrate flow rate
- > Read incoming and outgoing Brix
- > Read temperature

#### The best part?

It's a small investment and simple to use!

This solution is perfect for customers who don't have an intelligent RO system yet.

It's even available for mini ROs!

Contact our team to upgrade your current equipment and make your life easier!

74 | REVERSE OSMOSIS 2022





#### LA FENDEUSE CLASSIC

#### > 500 GPH to 1500 GPH (1 to 3 posts)

- Main unit all made of stainless steel, including both 3 way valves and wash tank
- Posts: Positive recirculation system allows you to run many hours without losing performance.
   It also helps extending membrane life
- > RO post: maintenance free and reliable submersible motor for over 15 years
- > Membrane: CDL MRO
- High temperature protection and low water protection

#### LA FENDEUSE DELUXE

- > 500 GPH to 3600 GPH (1 to 6 posts)
- > All made of stainless steel
- > High pressure pump from 5 to 7,5 HP giving the highest flows on the market
- Posts: Positive recirculation system allows you to run many hours without losing performance.
   It also helps extending membrane life
- > RO post: maintenance free and reliable submersible motor for over 15 years
- > Membrane: CDL MRO
- > High temperature protection and low water protection





#### 20+ RO

- Capacity up to 7600 GPH at 20 Brix
- All made of stainless steel
- High pressure pump from 5 to 7,5 HP giving the highest flows on the market
- > Posts: Positive recirculation system allows you to run many hours without losing performance. It also helps extending membrane life
- > Concentration capacity adapted to your needs
- Personalized post configuration (single or double, vertical or horizontal)

See the next page for post configuration.

#### **CONTINUOUS BRIX READER**

- **Real time Brix** reading of concentrate
- > Can be installed on any RO
- > Allows an accurate reading of your adjustment in real-time



668417

**76** | CDL POSTS FOR RO 2022

#### **CDL POSTS FOR RO**

- > Available 4", 8" (single or double), 16"
- Positive recirculation system allows you to run many hours without losing performance. It also helps extending membrane life
- > Reliable, maintenance free submersible motors
- > Membranes: CDL MRO 4", 8" (single or double), 16"
- > 8" membranes available standard or high pressure (for high Brix concentration)



16" post - Vertical

16" post - Horizontal

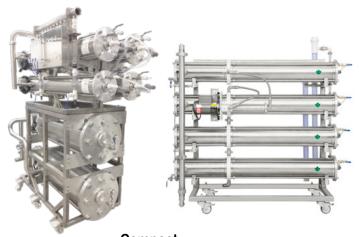
#### **POST CARTS**

### VERTICAL OR HORIZONTAL CART, PREVENTING MEMBRANES FROM PLUGGING AT HIGH BRIX.

Can easily be added to an existing CDL RO with or without cart.



- Post with two 8" membranes end-to-end;
- > More compact;
- > Less expensive;
- > Less energy consumption.



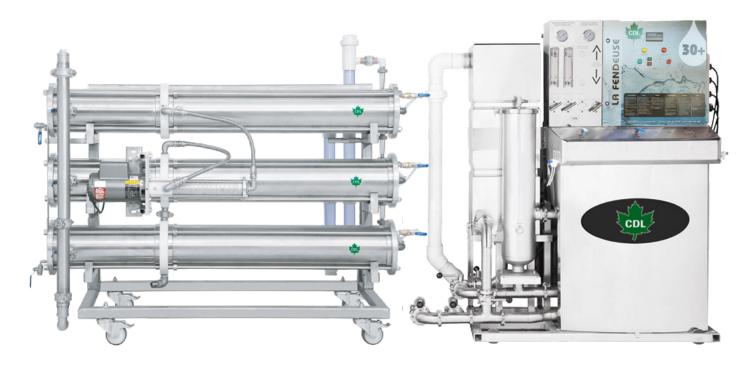
- > Compact;
- > Ultra simple connections;
- > Easy to operate;
  - Easy access to the membranes.



**30+ HIGH BRIX RO OPTION** 

#### **DOUBLE THE CONCENTRATION LEVEL BY ADDING THIS RO TO YOUR EXISTING RO!**

MANY POSSIBLE COMBINATION DEPENDING ON YOUR SET UP. PERSONALIZED CONFIGURATION TO UPDATE YOUR STANDARD RO INTO A HIGH BRIX MACHINE.



WITH THIS MACHINE, GO FROM 15 BRIX TO 30 BRIX.

**CDL** is the only manufacturer that offers custom configurations to upgrade your standard RO to turn it into a High Brix system.

Ask your CDL sales representative.







# IT DOES EVERYTHING BY ITSELF:

SCAN TO SEE THE VIDEO bit.ly/cdlvideos



YOU PROGRAM IT... AND THAT'S IT!



100% CDL custom technology Full range of customizable RO Systems to fit your production needs.







CDL's unique patented recirculation system doubles the performance of membranes.

#### CDL INTELLIGENT REVERSE OSMOSIS (RO'S) ARE THE MOST POWERFUL AND ADVANCED IN HISTORY OF THE MAPLE SUGARING.

- RO data saved on CDL Cloud
- > Remote maintenance and support
- > Get specialized expertise quickly
- Allow you to remotely manage all the operations that must be performed by an RO
- Simple programming allows you to safely operate the equipment during your rest hours, work hours or when away from the sugar house

#### **REMOTE FEATURES:**

- Concentrate;
- Rinse the membranes:
- Membrane soap wash;
- Membrane acid wash;
- Control sap or permeate feed;
- Continuous Brix control:

#### **INTELLIGENT MANAGEMENTS:**

- Concentrate Brix monitoring;
- Maple sap Brix monitoring;
- Permeat flow reading;
- PH monitoring and control;
- Conductivity meter;
- Preventive management (plugging);
- High and low pressure protection;

#### INTELLIGENT SOFTWARE UPDATES

The CDL intelligent ROs often receive wireless software updates adding new characteristics and functionalities.



CDL's intelligent reverse osmosis can be supervised and operated by the CDL Intelligence management system.



CDL pH NEUTRALIZATION SYSTEM

## REDUCES THE IMPACT OF THE DISCHARGE OF WASH WATERS IN THE ENVIRONMENT

- Simple, economical and efficient design
- The system makes it possible to meet the state regulations on wastewater discharge in maple syrup industry
- Design with 2 pH probes to reduce the volume of water to be treated and the quantity of neutralizing agents (acid and basic)
- Control at your fingertip with HMI touchscreen
- Automated and autonomous functions
- Complete control of the system pH probes, valves and pumps
- Programmable operational parameters
- Wall installation of the control box or optional stainless steel tripod
- Variable capacity recirculation pumps and neutralization tanks options (not included with basic system)



pH-neutralization system - wall mounted
Stainless steel floor fixation for pH treatement

730420 730421

#### **INCLUDED WITH BASIC NEUTRALIZATION SYSTEM:**

- > Corrosion resistant control panel and metering pumps
- > 2 inch motorized 3-way valve
- > 2 inch motorized drain valve
- > Static mixer
- > Set of adapters for acid and basic solution



#### We offer the best membrane washing service! Details in-store!

#### **MULTIPLE CARTRIDGE HOUSING**



Stainless steel multiple filtration cartridge housing (holds 5 pre-filters)

665056

Stainless steel base for the multiple cartridge housing 7100101

Interior support only 665068



Change your **RO prefilters** in 1 minute!

#### **MRO MAX MEMBRANES & STORAGE CANISTERS**



	CDL	MRO MAX
4" membrane	66016140	6604040
8" membrane	66016980	6608040
8" membrane (high pressure)	66HP16980	66HP8040
16" membrane	660016	-



A	4" storage canister	724204
В	8" storage canister	724225
	16" storage canister	724226

#### **ADVANTAGES**

- → Designed and manufactured by CDL;
- → Quick and easy filter changes;
- → High filtration capacity;
- $\rightarrow$  Creates no restrictions at the entrance of the RO.

Pre-filter cartridge

#### **PREFILTERS**



5 mic. 10"	6682101
Pre-filter cartridge 5 mic. 20"	66821
10" synthetic filter	//207







6-1/2" plexiglass cover	66270
10" filtration bag 6-1/2"x16"	EVBAG100
20" filtration bag 6-1/2"x32"	EVBAG200
30" filtration bag	44823-3 <b>0</b>

66823-30



DIVERS		
( )	Food grade o-ring grease   6 g	66531
<b>E</b>	Food grade o-ring grease   150 g	66535
$\bigcirc$	Wrench for blue filter	662283
Filh to Extold!	10 GPM Bluewhite flowmeter	661042
	1/4" NPT valve x Tube 90°	6622312
	4" membrane U-cup	66402
\ /		



6-1/2"x30"

8" membrane U-cup

66401

#### **CLEANING AND STORAGE SOLUTIONS**





#### **MEASURING INSTRUMENTS**



pH 0-2,5 Papers 668802 50/pkg

pH 10-13 Papers 668813



#### TRUST THE CDL BRAND FOR CLEANING AND STORAGE SOLUTIONS.

#### **QUALITY. EFFICIENCY.**



Calibration solution pH 10 718866

Calibration solution pH 4 718865

PH tester 665514

Portable conductivity tester 718856

Heating element 3 000 W - 240 V 66493





**FILTERS** 

1-1/2" line filter + 24-micron cartridge 6615024

1-1/2" 24-micron filter cartridge only

1-1/2" line filter only

2" line filter + 24-micron cartridge 6620604

2" 24-micron filter cartridge only 660025

2" line filter only 6620604K

20" complete blue filter housing 665050



660024

6615024K

#### **BEGINNER BOILING KIT**



16" x 16" 15 tap kit

#### 6600801

#### **INCLUDES:**

- $\rightarrow$ 1 16" x 16" sugar pan cover
- $\rightarrow$ 1 16" x 16" sugar pan
- $\rightarrow$ 1 R-65 propane burner
- $\rightarrow$  1 Orlon filter #8 thick
- $\rightarrow$ 18" cup
- →1 18.5" wooden handle thermometer
- $\rightarrow$  1 55-70 Brix syrup hydrometer
- $\rightarrow$  1 3/4" stainless steel nipple
- →1 3/4" FIPT stainless steel ball valve





16" x 16" kit

#### PRFW16

#### **INCLUDES:**

- $\rightarrow$  1 R-65 propane burner
- $\rightarrow$ 1 hose and regulator
- $\rightarrow$ 1 16" x 16" sugar pan
- $\rightarrow$ 1 propane burner support
- $\rightarrow$  1 3/4" stainless steel nipple
- →1 3/4" FIPT stainless steel ball valve

16" x 32" kit

#### PRFW32

#### **INCLUDES:**

- $\rightarrow$  2 R-65 propane burners (with fastening kit)
- $\rightarrow$  2 hoses and regulators
  - $\rightarrow$ 1 16" x 32" sugar pan
  - →1 16" x 32" propane burner support
  - $\rightarrow$  1 3/4" stainless steel nipple
  - →1 3/4" FIPT stainless steel ball valve

#### **HOBBY PRO EVAPORATOR**

The perfect solution for small producers that want an efficient and affordable wood evaporator to turn sap into maple syrup!

Stainless steel evaporator base (16" x 32")

670090200SS

Flat bottom pan

670090215

3-way pan

670090214



**CONFIGURABLE TO YOUR NEEDS!** 

#### **INCLUDES:**

- → Stainless steel base
- → Angle iron grates
- → Ceramic wool
- $\rightarrow$  6' of 6" smoke stack and 1 elbow 6" x 90°

#### **OPTIONAL:**

 $\rightarrow$  Reheat pan 670090218  $\rightarrow$  Pan cover 67WPC032  $\rightarrow$  2 wheel kit 670090213 → Water level 670090216  $\rightarrow$  Thermometer EITC0306

Requires bricking kit 1-1/4" x 4-1/2" x 9" (not included). 670090217







| WOOD EVAPORATORS 2022

#### **CDL EVAP-O-GRILL**

- → Good up to 50 taps
- → Evaporates up to 7 gallons / hour
- → Easy assembly
- → No bricking necessary

#### **INCLUDES:**

- $\rightarrow$  2' x 3' stainless steel pan
- → 3/4" stainless steel draw-off ball valve
- → Cast iron grate set

670090

#### **OPTIONAL:**

- → 6" stack damper
- → Reheat pan

670096



**GIFT IDEA!** 





#### **HOBBY EVAPORATORS**



The CDL Hobby Evaporator is designed for recreational producers who want to enjoy springtime, while boiling small quantities of maple sap to produce a few gallons of maple syrup per season.

#### SYRUP DRAW-OFF NOW FULLY REVERSIBLE!

#### 18" X 48" INCLUDES:

- → Stainless steel furnace with steel grids
- → Stainless steel stack
- ightarrow 18" x 48" 304 stainless steel argo welded pan
- → Stainless steel draw-off valve

18" X 48" evaporator with 2-way flat pan

1 to 75 taps

18" X 48" Evaporator with 18" x 36" flue pan and 18" x 12" syrup pan

6700102WP

6700102WD

50 to 125 taps

#### **AVAILABLE OPTION:**

→ Pre-heating pan 67112WPARE

#### 18" X 60" INCLUDES:

- $\rightarrow$  18" x 42" flue pan
- $\rightarrow$  18" x 18" syrup pan
- → Float box with rear control level.
- $\rightarrow$  Complete smoke stack.

18" x 60" 5" flue pan

100 to 200 taps

Product appearance may vary.

67001



Combine your evaporator with a Nano RO. It will reduce your boiling time! See page 72.



2022 WOOD EVAPORATORS | 85

#### **PROFESSIONAL EVAPORATORS**

The Professional evaporator is a high quality wood evaporator for owners of small sugarbushes. It is designed and manufactured to provide efficient boiling and easy/stable syrup finishing.

Its performance in relation to its size will surprise you.



SYRUP DRAW-OFF NOW FULLY REVERSIBLE!

Product appearance may vary.

20" X 84" 150 to 450 taps	24" X 72" 150 to 450 taps	2' x 8' 150 to 450 taps
6700103	6700302	6700502
20" x 54" 2-way flue pan	2' x 4' 2-way flue pan	2' x 5' 2-way flue pan
5"drop flues	7" raised flues	7" raised flues
Two 20" x 15" syrup pan	One 2' x 2' syrup pan	Two 24" x 18" syrup pan
Rear float box	Front and rear float box	Front and rear float box
9" x 8' stainless steel smokestack	9" x 8' stainless steel smokestack	10" x 12' stainless steel smokestack

 $Argon \ welded \ reversible \ finishing \ pan$ 

# AVAILABLE IN SIZES: 2-1/2' X 8' TO 5' X 16' The Traditional CDL evaporator is designed for owners of medium and large sugarbushes wishing to keep the tradition alive of boiling the syrup with firewood while being effective and efficient. This evaporator will provide an incomparable boiling stability. Its robust construction will allow many generations to experience the pleasure of boiling maple syrup.

#### **INCLUDES:**

THE TRADITIONAL EVAPORATORS

- → 32" high furnace with cast iron grates and 2 doors for wood loading.
- $\rightarrow$  1 flue pan with 7" argon welded flues.
- → 2 to 3 argon welded syrup pans for finishing (depending on model)
- $\rightarrow$  Front and rear float boxes.
- → Stainless steel connections, drain valve and draw-off valve.
- → Complete chimney (twice the length of the evaporator) including the stack.
- $\rightarrow$  1 rope operated stack cover.
- $\rightarrow$  Water level on flue pan.



Product appearance may vary.



MAIN FEATURES		
FUEL	WOOD	
SIZES 12 models from 2'x4' to 4'x15'		
EFFICIENCY	Up to 40% more output	

■ High evaporation performance at an affordable price

**AVAILABLE OPTION** 

- Longer lifetime
- Uniform boiling in the front, warmer in the back
- No need to preheat smokestack

■ Full boiling performance after 10 minutes

Wide choice of options available

- Perfect functioning even in low pressure (bad winds)
- Fully reversible
- Fewer bricks needed

- Easy to operate and the risk of errors are very limited
- No risks of flame flashbacks
- Boiling intensity can be adjusted easily

Interchangeable and reversable sap inlet and outlet



Intens-O-fire

**100% REVERSIBLE EVAPORATOR!** 

**TEMPERATURE MAINTAINED AUTOMATICALY USING** A BLOWER AND A **SENSOR LOCATED IN** THE SMOKE STACK

#### **IMPROVED OPERABILITY** AND RELIABILITY

**MODIFY** THE AIR % **TO YOUR PREFERENCE** USING **SHUTTERS** 



The CDL energy efficient Intens-0-Fire 2 wood evaporator is the only one on the market that allows the user to choose manually between two different types of firewood combustion:

air forced combustion or combustion by gasification.

MAIN FEATURES		
FUEL	WOOD (soft or hard)	
SIZES	Available sizes : 2½° x 8° to 6° x 18°	
CONSUMPTION	Wood consumption 40% less than a conventional evaporator	
IDEAL FOR	Balance between performance and boiling stability	
Meets the environmental requirements of greenhouse gas emissions		
Load every 20 to 40 minutes depending	Front and rear air distribution control for	■ Water level
on combustion type	the combustion chamber and grates	Modulation for combustion air (optional)
	Flow inverter (optional)	compaction an (optional)
Interchangeable and reversable sap inlet and outlet		







## 100% REVERSIBLE!

- SIMPLE OPERATION
- AUTOMATED AIR
   MANAGEMENT
- ERGONOMIC CONTROL PANEL
- 120 V PLUG IN THE FRONT OF THE EVAPORATOR
- LESS MAINTENANCE

The CDL **Chinook** Evaporator has an **automated air adjustment system** that allows a highly efficient,
non-polluting combustion, even if the operator burns
poor quality firewood with variable humidity.

MAIN FEATURES		
FUEL	WOOD (soft or hard)	
SIZES	Available sizes : 2½' x 8' to 6' x 18'	
CONSUMPTION	0.24 medium quality wood cord (24") per barrel (32 G) of syrup (15 Brix)	
IDEAL FOR	Get up to 85% energy efficiency while benefiting from automation and ease of use.	
Clean combustion, very little polluting emissions and ignition Stable syrup draw-off  Complete temperature control in the chimney (maximum 650°F). Boiling stability comparable to pellet and oil evaporators Syrup pan  Time between wood loading: Very quiet Heat exchanger 30 to 60 minutes, depending on quantity and wood quality Combustion creosote free Water level		<ul><li>Stable syrup draw-off</li><li>Syrup pan</li><li>Heat exchanger</li></ul>
Interchangeable and reversable sap inlet and outlet		

2022 OIL EVAPORATORS | 89



MAIN FEATURES		
FUEL	OIL, NATURAL GAS OR PROPANE	
SIZES	Available in sizes : 2' x 6' to 6' x 18'	
CONSUMPTION	Perfect for small and medium producers. Hassle-free boiling stability and easy operation.	
AVAILABLE OPTIONS	Automatic draw-off valve. Syrup drip tray. Hood pre-heater. Permeate pre-filter. Steam pan. Protect-0 Level controller protection	
■ Oil furnace	oil furnace Flue pan and syrup pans Front and rear float boxes	
■ Carlin or Beckett burner ■ Water level ■ Adjustment and start-up by a CDL specialist		
Complete stack with covers and roof jacks	■ Front and rear hoods ■ Control panel	
■ Insulated burner cover.		
	Interchangeable and reversable sap inlet and outlet	

0 | MASTER EVAPORATORS 2022

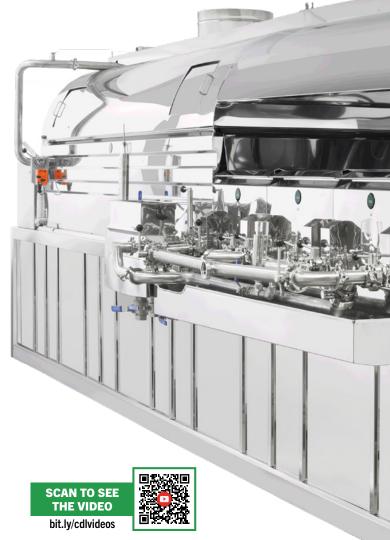
# THE MASTER OF EVAPORATORS!

#### FOR THE FOLLOWING REASONS:

- → Rogged and quality construction
- → Energy efficiency
- → Easy to operate
- → Boiling stability
- → Boiling conditions adjustment and flexibility from 2 to 35 Brix
- → Longer boiling time without pan change
- → Flavor and authenticity of maple syrup
- $\rightarrow$  Evaporation performance
- → Energy costs / labor per barrel
- → Easy cleaning







The CDL **Master** Evaporator is the only evaporator on the market evaporating over:

5.1 Imp. gal. / ft² or 6 U.S. gal. /ft² of pan.

WOOD - CHIPS - PELLETS	
FUEL WOOD, CHIP OR PELLETS	
SIZES	3' x 11' to 7' x 18'
Ability to produce up to 3½ barrels/hou  EFFICENCY  [18° Brix], 6 barrels/hour (30° Brix)  with the 7' x 18' pellet model	
Interchangeable and reversable sap inlet and outlet	

	OIL
FUEL	OIL
SIZES	3' x 11' to 7' x 18'
CONSUMPTION 0,195 gallons of oil per gallon of syrup	
Interchangeable and reversable sap inlet and outlet	



# PROPANE AND NATURAL GAZ PROPANE AND NATURAL GAZ (Burner option: Powerflame or Riello) SIZES 3' x 11' à 7' x 18' PROPANE: 0,26 gallons per gallon of syrup NATURAL GAZ: 28,6 cubic feet per gallon of syrup

Interchangeable and reversable sap inlet and outlet

#### **RIELLO BURNER**

Allows flame modulation between 20% to 100% to perfectly adapt the boil to you need.

Distributes the flame efficiently and more environmentally friendly.



#### THE MOST ECONOMICAL ON THE MARKET!

#### INCLUDED OR AVAILABLE OPTIONS

- $\rightarrow$  Syrup flow reverser
- $\rightarrow$  Double pass flue pan
- → Syrup drip tray
- → Multi-pass syrup pan
- → Permeate or concentrate preheater
- → Mechanical or electrical level control
- → Control panel with 110 V electric outlet
- → Front/rear Protec-0
- $\rightarrow$  Front/Rear pan washer
- → Modulated motorized level control



#### MASTER 30+ RO COMBO ADVANTAGES



- → Best energy + labor costs per barrel on the market
- → Decrease energy costs by at least 40%
- → Complete range available allowing a production from 2 to 7.5 barrels per hour
- → Available for wood, chips, pellets, oil, propane or natural gaz
- → Labor cost for boiling is reduced from 30 to 50%
- → Quick Return on Investment
- → Preserve the flavor and authenticity of the syrup
- → **Decrease boiling time** significantly

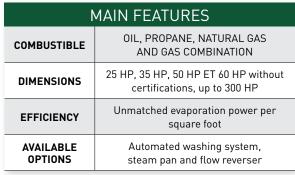


92 R7 STEAM EVAPORATOR 2022

## UNIQUE TECHNOLOGY IN THE MAPLE SUGARING INDUSTRY.









#### **INCLUDES:**

- > R7 pan only including sight glass level, draw off valve and electric valve with levato
- > Single inner coil
- > Hood with door glass
- > Stack, roof jack& collar
- > Stainless steel support table with two 120 V electrical outlets
- > Delivery and start-up by a CDL technician

#### **OPTIONAL:**

- > Steam blower
- > Pan Washer
- > Steam Pan
- > Sequential automated washing system for steam pans
- > LED light
- > Reverse Flow
- > Double coil
- > Thermoregulator

The R7 high pressure steam evaporator from CDL allows evaporation of sap, concentrate or maple syrup from 2 to 66 Brix.

The R7 offers optimal control of the heat and evaporation intensity allowing great flexibility.

This high-tech and high performance steam evaporation system **brings unmatched evaporation per square foot power**.

Available from 25 HP to 60 HP without any certifications/license card. Power can reach up to 300 HP depending on the regulations in your area.

#### **STEAM BOILER**

- > Very low water level in pan;
- > Ultra-quick start and stop;
- > No need to change coils and cleaning directly in pan;
- > No pan change needed;
- > No risk of burning the pans.

#### Useful features of steam generator system:

- > Barrel cleaning;
- > Maple syrup warming;
- > Quick and efficient cooking for processing.



## THE LONG-AWAITED EVENT: THE UNVEILING OF

# CDL ELECTRIC EVAPORATOR

**MAY 2022** 

CDL introduces a new evaporation system with unrivaled efficiency on the market.

This evaporator runs entirely on electric power and offers another true green technology in the CDL product offering.

#### **KEY FEATURES**

Unmatched energy efficiency • Specially designed for the evaporation of high Brix concentrate Small footprint • Short residence time ensuring the production of a quality syrup

STEAM PAN 2022

#### STEAM PAN OPTION FOR EVAPORATORS

#### Option available with:















Improve performance and efficiency by up to 50% without additional fuel consumption.

Sizes available: 2' x 4' to 7' x 12'

#### **ADVANTAGES**

- → The use of the steam pan causes a significant reduction in energy consumption by reusing the steam produced by the flue pan. This reduction in energy consumption can be up to 50% depending on the Brix at the input of the pan;
- $\rightarrow$  This option can be installed on all types of evaporators (wood, pellet, oil).



2022 AUTOMATED PAN WASHER | 9!

#### **EVAPORATOR PAN WASHER OPTION:**

#### Option available with:





Available as an option for Venturi, Intense-O-Fire 2, Chinook, Deluxe, Master and R7 evaporators models, the pan washer by CDL is completely automated and sequential.

With its complete non-contact wash and continuous washing circuit, it eliminates stubborn stains and greatly reduces the daily workload.



Rear

view

#### **SYRUP PAN WASHERS**



Simple 2-1/2'	672059
Simple 3'	672061
Simple 3-1/2'	6720615
Simple 4'	672062
Simple 5'	672063
Simple 6'	672065



 Double 2-1/2'
 672110

 Double 3'
 672112

 Double 3-1/2'
 6721125

 Double 4'
 672114

 Double 5'
 672116

 Double 6'
 672118

Triple syrup pan washer available.

#### **FLUE PAN LIFTER ON WHEELS**

## Easily move your flue pan for cleaning or access firebox for maintenance.



#### **INSULATED SYRUP CALIBRATION TANK**

The new CDL insulated syrup calibration tank has a stainless steel insulated tank and an integrated mixer.

Easy to use, thanks to a built-in washing system, a recirculation pump and a base on wheels. Simplifies and improves calibration of the syrup before filling barrels.

#### **ADVANTAGES**

- → Controlled temperature;
- → Real-time Brix reading;
- → Perfect maple syrup calibration;
- → Simplifies operation.

 250 GAL.
 4' x 4' x 3'
 6793443

 350 GAL.
 4' x 4' x 4-1/2'
 67934445

 Insulated calibration tank starter control case
 6793001

#### Real-time Brix reading available in option

Homogenize syrup before filling barrels with the real-time Brix reader that can read between 5 °C and 100 °C (41 °F and 212 °F) and up to 80 Brix with full precision due to automatic temperature compensation for accurate reading.



668421

## Perfect maple syrup calibration at a controlled temperature by CDL



#### WATER JACKETED CALIBRATION TANK

## Calibrate and bottle your syrup confidently thanks to our brand new water jacketed calibration tank with a capacity of 130 imperial gallons.

The two 5 000 W (240 V) electric elements heat water in the double wall, gently warming your syrup to the desired temperature. The height of the tank has been designed to fill all types of syrup barrels or totes. The wheeled frame is made of stainless steel. This water jacketed tank kit includes an electric diaphragm pump, a water thermometer, a water and syrup level gauge, and an air agitation system. The Brix reader (optional) will give you greater precision and consistency in the Brix level of your syrup.

#### This system, inspired by large operations, is now accessible to everyone!

SS WATER JACKET TANK 130 GAL. IMP./156 GAL. US

46" x 36" x 30"

67424

Brix reader option

668429





#### **DRAW-OFF VALVES**



#### Ideal for evaporator with a flow reverser

Modulating draw-off valve multiple control 2" 66783

Modulating draw-off valve multiple control 2-1/2" 66784

Clips, silicone gasket and spout not included.



#### **ADVANTAGES**

- Continuous maple syrup draw-off;
- → Eliminates the return effect of the syrup into the pans:
- → Eliminates large volume draw-offs;
- → Improves the constancy of Brix;
- → Easier maple syrup filtration.

Modulating draw-off valve 1-1/2" 66781

Modulating draw-off valve 2" 66775

Modulating draw-off valve 2-1/2" 66782

Clips, silicone gasket and spout not included.

#### LEVEL CONTROLLER (PROTECTION)

Protect-0 66876



#### **MODULATING LEVEL CONTROL**

Modulating Belimo motor with level numerical display in inches, selector (manual/OFF/auto) and manual control with potentiometer.

Includes the level sensor for glass tube, acetal adaptor for glass tube, special Protect-O rod, butterfly valve with Belimo motor and control bracket.

Front 1-1/2" 668763150

Front 2" 668763200

Front 2-1/2" 668763250

Rear 1-1/2" 668764150

Rear 2" 668764200

Rear 2-1/2" 668764250



Connection piping not included.

#### 1" AUTOMATIC DRAW-OFF VALVE

The CDL 1" automatic draw-off valve allows you to get precise maple syrup flow from your evaporator, every time!

An innovative solution for syrup lovers and small producers.

66786



Silicone gaskets and clips ferrules are available at page 36.

#### DRAW-OFF VALVE ACCESSORIES



**ELBOWS** 

1-1/2" 69BCD150 2" 69BCD112 2-1/2" 69BCD212



DOUBLE DRAW-OFF FOR EVAPORATOR

2" 660104200 2-1/2" 660104250



OFF CENTERED FERRULES

2" x 1-1/2" 60R14215 2-1/2" x 2" 60R142122





#### **RECTANGULAR SYRUP FILTER TANKS**



The standard model includes only the drain.

The deluxe model also includes valves, shelf and stainless steel plumbing.

STEEL STRUCTURE	US GAL	IMP. GAL	
Simple   standard	42 GAL	35 GAL	67865406
Double   standard	80 GAL	67 GAL	67865206
Double   deluxe	80 GAL	67 GAL	67865207
Triple   standard	120 GAL	100 GAL	67865208
Triple   deluxe	120 GAL	100 GAL	67865209



ALUMINUM STRUCTURE	US GAL	IMP. GAL	
Double (2x)	35 GAL	29 GAL	666735
Double (2x)	55 GAL	45 GAL	666755
Double (2x)	75 GAL	62 GAL	666775

#### **SYRUP FILTER TANKS**



US GAL	IMP. GAL	DIAM.	
5,85 GAL	5 GAL	9" (mini)	67MINFIL
7,6 GAL	6,5 GAL	9"	6740006
14,4 GAL	12 GAL	12"	6740026
18 GAL *Includes 1 filte	15 GAL er support (1 hole	15-1/4" e)	72054015*
24 GAL *Includes 2 filte	20 GAL r support (2 hole	21-3/4" es)	72054020*
24 GAL	20 GAL	16"	6740326
30,4 GAL	26 GAL	18"	6740426
45,65 GAL	39 GAL	22"	6740626
53,8 GAL	46 GAL	24"	6740726

#### **FILTER SUPPORTS**



1 HOLE	
12"	67412
16"	674161



3 HOLES	
22"	6742211
24"	674243



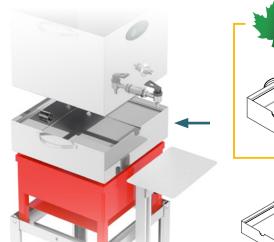
#### **SUGAR PANS**



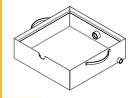


16" x 16" x 12"	67WP1616	24" x 24" x 12"	67WP2424
16" x 32" x 12"	67WP1632	24" x 36" x 12"	67WP2436
16" x 16" Cover	67WPC016	24" x 48" x 12"	67WP2448
16" x 32" Cover	67WPC032	24" x 72" x 12"	67WP2472

#### **WATER JACKETED PANS**

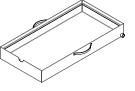






- ightarrow Water jacketed tank for sugar pan that can be used for the beginner bottling kit on page 114.
- → Possibility to install an electric heating element (664934a)
- $\rightarrow$  5" high

16" x 16" 67316M



16 x 32

MINS32

#### **BOILING ACCESSORIES STAINLESS STEEL**

\* Valve not included





#### **BOILING ACCESSORIES STAINLESS STEEL (CONTINUED)**



DIPPERS AND SKIMMERS
----------------------

	Round   5" Wooden handle	7205405R
Α	Round   6-1/2" Wooden handle	72054065R
	Round   8" Wooden handle	7205408R
	Flat-sided   5" Wooden handle	7205405P
В	Flat-sided   8" Wooden handle	7205408P
С	Without holes	6772922007
	With holes I /."	7205404

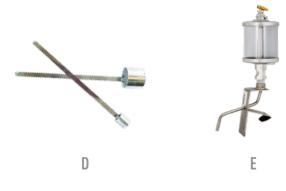


SUGAR PAN

Rectangle   17" X 23" X 11"	72054172311
Round   10" X 14" X 5"	72054101405R
Round   12" X 17" X 6"	72054121706
Rectangle   12" X 17" X 11"	72054121711



MOLDS	
250 g (35 per box)	72054250
500 g (25 per box)	72054500



#### **DEFOAMER SUPPORT**

	Small	67ANTIMOUP
И	Large	67ANTIMOUG
E	9 oz	6700009
	16 oz	6700016



**FUNNELS** 

-	Small	66811
Г	Large	6681102
G	1" x 3/8"	FUNMIN
	5-1/2" x 9/16"	FUNSMA
Н	Plastic (set of 3)	FUNPLA



#### FILLING CONTAINERS AND PADDLES

	2 L stainless steel with handle	MEACSL
J	4 L with handle (mesuring)	MEACU4
K	42"	674242

#### **GLASS TUBES FOR WATER LEVEL**

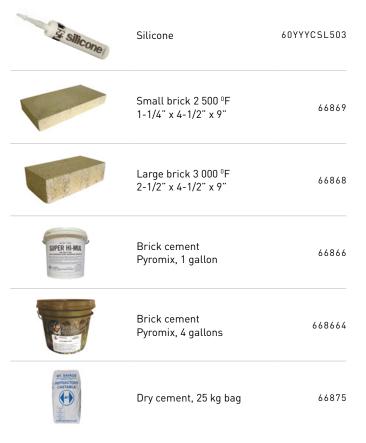
5/8" x 8	60PEN58X6PLAGL	
5/8" x 12	672176	
5/8" x 18	60PEN58X18PLAGL	
1-1/2" x 8	675157	
1-1/2" x 18	60GROSNIVEAU18	

#### **BLUE PLUGS WITH LONG ARM**

1-1/2"	678117112
2"	678117
2-1/2"	6781171



#### **HIGH TEMPERATURE PRODUCTS**





Fiber glass wool rope 60TXP018



Ceramic wool 1" x 4' x 23.65' | 8 lb 60BKTI8LB100A



60BKTI8LB050A



Thermofab wool 2" x 1/8"

60GW300100



Ceramic wool panel 1" x 12" x 36" EBISOL06



Ceramic wool panel 1" x 24" x 36"

60BK0019

Ceramic wool panel 1/2" x 24" x 36"

60BK0012

#### STACKS AND ACCESSORIES



- Chinese hats
  - Available in diameters from 6" to 32" and optional spark guard
- B Smoke stacks
  - Available in diameters from 6 "to 32"
- Stack covers
  - Available in diameters from 7" to 30" and optional spark guard.
- Custom made roof jacks
  From 6" to 32" with collar
- Base stacks
  - Available for 2' to 6' width evaporators



#### **LIQUID DEFOAMER DOSING DEVICE**

#### The most flexible and automatic liquid defoamer dosing device on the market.

Liquid defoamer dosing device

730400

#### **DEFOAMERS**



Kosher | 200 g

66890



Kosher | 2,5 kg

66898



Odorless organic sunflower 3 L

ONLY AVAILABLE IN CANADA 663553



FOR **ORGANIC CERTIFIED** PRODUCERS



Organic liquid defoamer 1 gallon



EVAM1280G



FOR **ORGANIC CERTIFIED PRODUCERS** 



Liquid | 8 oz. EVAN108W

Liquid | 32 oz. EVAM032W

Liquid | 4 L EVAM128W

#### **REFRACTOMETERS**



SAP AND SYRUP

Eau 0-32 Brix EIRE0032C

Sirop 45-82 Brix EIRS4582C

DIGITAL

0-85 Brix 668412



#### **ACER CENTRE PRODUCTS**

#### **ONLY ON DEMAND**



Calibrating solution for refractometers

Specially design and developed by the Acer Center to calibrate refractometers for Brix maple syrup measurement

66616

668887

ONLY AVAILABLE



#### **COLORMETERS**



Sample bottle only (1,75") 662378

Sample bottle (3,75")



Sample bottle (3,75") + cap 668888

Cap only 668889



Maple syrup digital grader

662397



10 ml round test tube with plastic insert for HI759

662398



Solution to find the correction factor to apply when reading a hydrotherm or a hydrometer

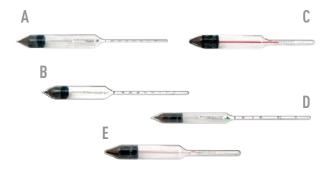
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ONLY AVAILABLE IN CANADA



cdlinc.ca | cdlusa.com

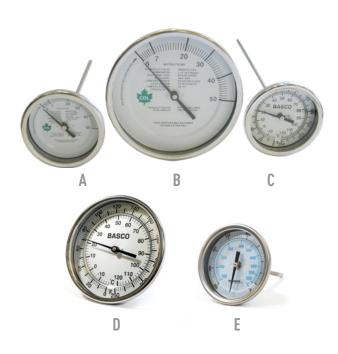
#### **HYDROMETERS SAP AND SYRUP**



Α	Sap	0-6 Brix	EIDE2010
В	Sap	0-15 Brix	668433
C	Sap	10-25 Brix	66849
	Syrup	45-75 Brix (Vermont state approved)	EIDS4575
D	Syrup	55-70 Brix	66845
E	Syrup	Hydrotherm	66841

Limited warranty and non-returnable items.

#### **DIAL THERMOMETERS**



A	3" Dial   9" stem   0-50 ºF   1/4" MIPT		72920003
A	3" Dial   12" stem   0-50 °F   1/4" MIPT		72920004
D	5" Dial   9" stem   0-50 ºF   1/4" MIPT		72920001
В	5" Dial   12" stem   0-50 °F   1/4" MIPT		72920002
	3" Dial   12" stem   0-250 ºF   1/2" MIPT		668350
	3" Dial   6" stem   0-50 ºF   1/4" MIPT		EITC0306
	3" Dial   9" stem   50-300 °F   1/2" MIPT		EITC0309
	3" Dial   6" stem   0-250 ºF   1/4" MIPT		EITC0336
C	3" Dial   6" stem   0-250 ºF   1/2" MIPT		EITC033612
	3" Dial   9" stem   0-250 ºF   1/4" MIPT		EITC0330
D	5" Dial   4" stem   0-250 ºF   1/2" MIPT	<b>₩</b> NEW	668356
Ε	3" Dial   4" stem   200-1000 ºF   1/4" MIPT	<b>₩</b> NEW	668354
	3" Dial   6" stem   200-1000 °F   1/2" For evaporator smoke stack		668210

#### **OTHER THERMOMETERS**



Α	8" stem	71750425
В	12"   Stainless steel	71750426
C	Electronic   18" probe	668204
D	6" barometer	72920030
Е	3" thermometer preheater (hot water)	6408503SS



JONATHAN PRESENTS THE DIFFERENT MEASURING INSTRUMENTS AVAILABLE FROM CDL.





#### **BRUSHES FOR PANS AND TANKS**



2" x 7" without handle 663524



2" x 7" flue brush 663521



1/2" x 7" flue brush 66352



4" x 7" pan brush 72940050



9" handle EVBRE001

20" handle EVBRE003



No handle 66356 Round tank brush

#### **WATERPROOF THERMAL GLOVES**

- Breathable
- Waterproof
- Insulated PU Coated
- High levels of handling precision and grip
- Provides warmth and protection from liquids in cold conditions, with the comfort of a breathable glove.

Medium 669282M 669282L Large X-Large 669282XL XX-Large 669282XXL

Sold in pairs.



#### **PAN CLEANERS**







A

B

Λ	Sani-clean   4 L	66284
Α	Sani-clean   20 L	66288
В	99% Glacial acetic acid   20 L	667474

#### PAN ACID FOR STAINLESS STEEL

	3 lb (powder)	EVNSS300
C	10 lb (powder)	EVNSS010
	25 lb (powder)	EVNSS250

#### **TUBING AND SPOUT SANITIZERS**



Picture for reference only Α







Picture for reference only B



7	Isopropyl	70% l	18.9 L
1			. ,

*	10 11

NLY AVAILABLE N CANADA 667470

Isopropyl 70% | 205 L



ONLY AVAILABLE 6674277

Pure denatured | 4 L 667575

Chlorine 12% | 20 L 666000



106 | FILTER PRESSES 202



#### CDLWESFAB FILTER PRESSES

# IMPROVE THE PERFORMANCE OF YOUR PRESS AND FACILITATES THE FILTRATION

- Made entirely in Canada and the United States
- Light and compact construction
- Easy to move

SCAN TO SEE THE VIDEO bit.ly/cdlvideos





#### SEPARATING FILTER PRESS PLATE

Allows you to use only part of your filter press to filter a small quantity. Less cleaning and use less papers.



10" CDL press (old CDL model)	6660010PLATE
10" CDLWESFAB press	WFCDL10PLATE
15" CDLWESFAB press	WFCDL15PLATE
20" CDL press (3 holes)	666218



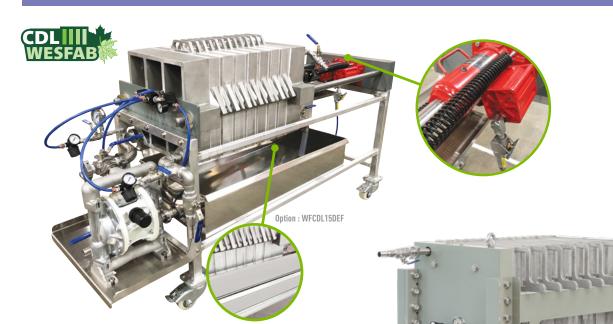
#### ADVANTAGES (7" and 10" presses)

- > Reclinable press (0, 45 and 90 degrees with the cart option) to facilitate the replacement of filter papers;
- > Removable pump kit (to use on another filter press).

	7" presses	10" presses
Short filter press + manual diaphragm. pump 3 hollow / 2 waffles	WFCDL7M	-
3 hollow / 2 waffles	WFCDL732	WFCDL1032
4 hollow / 3 waffles	WFCDL743	WFCDL1043
7 hollow / 6 waffles	WFCDL776	WFCDL1076
8 hollow / 7 waffles	WFCDL787	WFCDL1087
Available options:		
Air dia. pump kit 1/2"	WFCDL7ADP12	WFCDL10ADP12
Dia. pump kit 120v 1/2" 5.3 GPM	WFCDL7EDP1253	WFCDL10EDP1253
Filter press cart	WFCDL7CH	WFCDL10CH
Air distributor option	WFCDL710AIRM	WFCDL710AIRM
Air inlet kit The air supply must be filtered using the 66345657K air filter kit.	WFCDL7AIRI	WFCDL10AIRI
Air outlet kit The air supply must be filtered using the 66345657K air filter kit.	WFCDL7AIR0	WFCDL10AIRO



2022 FILTER PRESSES | **107** 



#### **ADVANTAGES (15" presses)**

- > Tightening with a 12 ton hydraulic cylinder with food grade oil, pneumatic or manually operated (not necessary to have compressed air);
- > Drip tray connected to the pump (Useful for closed loop de-sugaring or for pumping syrup from the tray);
- > Bypass valve installed on the front plate for greater efficiency;
- > Drainage of the inlet and outlet in the drip tray through the front plate;
- > Air drainage (optional);
- > Reverse air flow in the press outlet to extend filtration (optional).

	15" presses
7 hollow / 6 waffles	WFCDL1576
8 hollow / 7 waffles	WFCDL1587
9 hollow / 8 waffles	WFCDL1598
10 hollow / 9 waffles	WFCDL15109
Available options:	
Air dia. pump kit 1/2"	WFCDL15ADP12
Air dia. pump kit 1"	WFCDL15ADP1
Dia. pump kit 120v 1/2" 5.3 GPM	WFCDL15EDP1253
Air inlet kit The air supply must be filtered using the 66345657K air filter kit.	WFCDL15AIRI
Air outlet kit The air supply must be filtered using the 66345657K air filter kit.	WFCDL15AIRO
Coalescent filter option + vapor air line	66345657K
Splash guard	WFCDL15DEF

#### ADVANTAGES (20" presses)

- > Easy paper installation
- > Higher filtration capacity
- > Cart on wheels
- > Syrup drip tray
- > 15 to 50 barrel filtration capacity
- > 3" thick hollow plates

7 hollow plates, 6 full plates		20" presses
	(9 hollow plates max.) 7 hollow plates, 6 full plates  Available options:	666217

Clamped sight glass ferrule 1-1/2" 6600150 Clamped sight glass ferrule 2" 6600200



20" filter press 3 holes Filtration capacity : 10 to 50 barrels



108 | FILTER PRESSES 2022

#### **CDL VACUUM FILTER PRESS**

#### Syrup filter tank and filter press. Available in 9", 12", 15" and 18" sizes.

#### Includes: 1 filter and 12 prefilters

9" Thermome	3.6 US GAL. ter included	Up to 400 taps	FAU18PV009K
12"	9 US GAL.	Up to 800 taps	FAU18PV012
15"	14 US GAL.	800 to 1 800 taps	FAU18PV015
18"	19 US GAL.	1 800 to 3 600 taps	FAU18PV018
Thermome	ter not included		











## **ELECTRIC DIAPHRAGM PUMP KIT**

## **FILTER PRESS PUMPS**



# Quick and easy installation.

For filter press pumping or hot syrup transfer.

Motor 115V 5.3 GPM | 60 PSI



1/2" Diaphragm pump 669585 (aluminum)

1" Diaphragm pump 669601

Electric diaphragm pump with support

669653A

## **ACCESSORIES**

5-1/4" filter papers	66817
7" filter papers   pkg 400	66828
7" filter papers with wings pkg 400	<b>NEW</b> 66859
10" filter papers   pkg 400	66829
15" filter paper for CDLWESFAB filter presses	WFCDL668015
15" filter paper   pkg 250	668015
20" filter paper   pkg 250 2 holes	668221
10" filter papers with wings	66801
20" filter paper 3 holes with wings   pkg 250	668224
7" press felt filters	66827
7" press felt filters 10" press felt filters	66827 66830
•	
10" press felt filters 15" press felt filters for	66830
10" press felt filters 15" press felt filters for CDLWESFAB filter presses 20" press felt filters	66830 WFCDL668015F
10" press felt filters 15" press felt filters for CDLWESFAB filter presses 20" press felt filters 2 holes 20" press felt filter	66830 WFCDL668015F 66820
10" press felt filters 15" press felt filters for CDLWESFAB filter presses 20" press felt filters 2 holes 20" press felt filter 2 double holes 20" press felt filters	66830 WFCDL668015F 66820
10" press felt filters 15" press felt filters for CDLWESFAB filter presses 20" press felt filters 2 holes 20" press felt filter 2 double holes 20" press felt filters 3 double holes Self-cleaning press	66830 WFCDL668015F 66820 668206 66850



LUBEX-FG

	Polyester #8 felt cone 5 mic.	66814
	Polyester #8 felt cone 1 mic.	668163
	#5 cone filter	FILC05
	Cone pre-filters	66206
	Flat pre-filter paper 24" x 24", woven style	PREW24
7	Flat pre-filter paper 36" x 36", woven style	PREW36
	36"x36" pre-filter paper coffee style	PREC36
	Cone pre-filter paper woven style	PREWCO* *Product available in limited quantity
	Cone pre-filter paper coffee style	PRECCO
	Bucket filter	FILBAG
	Bucket pre-filter	PREWFI
	24" x 24" flat filter	FILF24
	36" x 36" flat filter 5 mic.	66211
	36" x 36" flat polyester f 1 mic.	ilter 668164



66530

66838

Food grade grease

Dicalite filter aid

50 lb

## **STAINLESS STEEL BARRELS**

## The CDL barrel is designed according to the recommendations of the **Federation of Maple Syrup Producers.**



Capacity: 13 IMP. GAL. (15 US GAL.) Empty weight (Tare): 29 lb 1 plastic cap (2" center)

66819R

Capacity: 34 IMP. GAL. (40 US GAL.) Empty weight (Tare): 48 lb 2 plastic caps (2" off-center)



Capacity: 34 IMP. GAL. (40 US GAL.) Empty weight (Tare): 48 lb 2 plastic caps (2" and 3/4" off-center)



Capacity: 34 IMP. GAL. (40 US GAL.) Empty weight (Tare): 49.6 lb



2 plastic caps - 2" (one center and one off-center)

66816

Capacity: 45 IMP. GAL. (55 US GAL.) Empty weight (Tare): 59 lb 2 plastic caps (2" and 3/4" off-center) 668161

Models may differ from those shown.

#### **ADVANTAGES**

- →All lower joints completely welded;
- →Designed for the complete drainage of syrup or washing water;
- →Drip hole on top; No hole on the side;
- →Edges with pronounced curves facilitating the handling of the barrels;
- →Same dimensions as conventional galvanized barrels;
- →Stackable.

#### **PUMP AND BARREL TRANSFER**



Pneumatic stainless steel barrel pump

DRUPUM

#### **ADVANTAGES**

- →Allows you to empty a barrel of syrup faster;
- →Quicker than a pump;
- →Empty barrels of syrup without making a mess;
- →Very easy to use.



1" Teflon barrel transfer

6150P1

5/8" Teflon barrel transfer

6150P58



## HANDLING ACCESSORIES FOR BARRELS

## **BARREL CAPS AND ACCESSORIES**



3-wheel stainless steel cart



2" stainless steel cap





2" plastic cap (Can be used with bag 663332)

660057



Stainless steel lever



2" plastic cap for barrels (Large thread / hole 3/4 "NPT in center)

BUNG06



Barrel lifter with pulley and cord



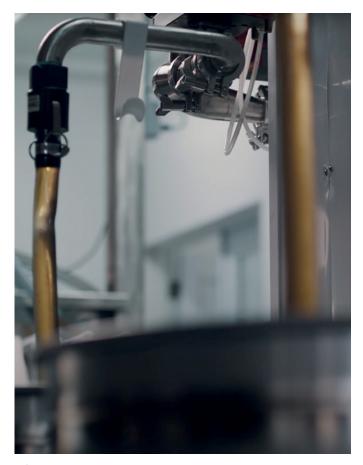
676055S

671092



32-gallon plastic bag

663332B





Stainless steel holder for barrel liner

678952



Stainless steel health barrel key

67ECHBA



Barrel wrench

662285



Barrel wrench

662282

## **MAPLE CREAM MACHINES**



Maple cream machine 8 L   110 V	Brass pump	668828
Maple cream machine 16 L   220 V	Brass pump	668827
Maple cream machine 8 L   110 V	Stainless steel pump	6688285
Maple cream machine 16 L   220 V	Stainless steel pump	668827S



# STEVE SKINNER DEMONSTRATES HOW TO MAKE MAPLE BUTTER.



## **MAPLE SUGAR MACHINES**



8" automatic maple sugar machine

668855A

8" double automatic maple sugar machine

668856A

## **ADVANTAGES**

- → Fully automated;
- → Uniform granulation;
- → Can function without supervision;
- → Available without automation if requested;
- $\rightarrow$  Made of stainless steel;
- ightarrow 3 in 1: mixer, grinder and dryer;
- $\rightarrow$  Self-cleaning with hot water.

## **CANDY MACHINES**





Α	Candy machine (motor included)	ECB0100A
В	Auger and pan	ECBMW301
C	Extra pan	ECBMP101
	Motor 1/4 HP	660002

## WATER JACKETED TANKS



Electric water jacketed tank 43 US GAL. 67422

Bottling stand with pedal 43 US GAL. 67220-S



Electric water jacketed tank 15 US GAL. 67422-M

Bottling stand with lever 15 US GAL. 67220-MS



Bottling valve

3/8" 67215

5/8" 67216

## **DRAW-OFF ELBOWS**

STAINLESS STEEL

MIPT	TUBE	
1/2"	3/4"	SDE050
3/4"	1"	SDE075
1"	1"	6788991D2

MIPT	TUBE	
1-1/4"	1-1/2"	SDE125
1-1/2"	2"	SDE150



## **OTHER**



Propane burner R-65

66803



Bottling valve 3/8", 90°

ECDVP804

Electric bottling valve Includes 3 stainless steel tips: 67217 1/4", 3/8", 1/2"

Bottling valve 1/2", 90°

ECDVP805



Bottling valve (coffee type) + 3/4" reducer x M16

67212A



Bottling nozzle for water jacketed tank 3/8" elbow x 3/4" mipt

67BM12



Bottling nozzle for water jacketed tank 1/2" elbow x 1/2" mipt

6788991B2



## **BEGINNER BOTTLING KIT**





#### **INCLUDES:**

- $\rightarrow$  1 16" x 16" sugar pan cover
- $\rightarrow$  1 16" x 16" sugar pan
- $\rightarrow$  1 16" x 16" filter holder
- $\rightarrow$  1 R-65 propane burner
- $\rightarrow$  1 coffee type valve
- → 1 16" x 16" water jacketed tank
- $\rightarrow$  1 propane burner support
- $\rightarrow$  1 1/2" SS nipple



Assembly required

6600802



# PURCHASE THE ELECTRIC OPTION TO COMPLETE YOUR KIT!

Spacer designed to directly bolt on the propane cooker support.

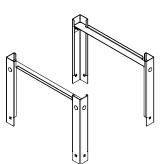
Allows you to heighten the water jacketed tank to have a convenient height to bottle

67423



1 500 W electric element with thermostat. Can be installed on a 16x16 water jacketed tank (67316M)

444934A









## **ROUND CANS**



## LITHOGRAPH **EXCLUSIVE TO CDL!**



ONLY AVAILABLE

Pure maple syrup | 540 ml, 200/case

663026 Organic | 540 ml, 200/case



## **MISCELLANEOUS CANS** FRENCH/ENGLISH LITHOGRAPH



	250 ml	65 / case		CAN250
	500 ml	35 / case		CAN500
Λ	1L	24 / case		CAN001
Α	1/2 pint (8 oz)	65 / case		CAN008
	Pint (16 oz)	35 / case		CAN016
	Quart (32 oz)	24 / case		CAN032
D	250 ml	100 / case	ONLY AVAILABLE	EXTC0250C
D	500 ml	100 / case	IN CANADA	EXTC0500C

## **CAN SEALERS**



Ives Way manual can sealer 66774300



663025



Master manual can sealer 66777



Sertisseuse automatique Master 66824

## **CARDBOARD BOXES FOR CANS**





8 x 540 ml box Package of 25



8 x 540 ml box with handle Package of 25



24 x 540 ml box Package of 25

66834

66833



CDL cdlinc.ca | cdlusa.com

66832



By Eric Labrecque, sales manager – packaging division

# TIPS FOR **PACKAGING** MAPLE SYRUP IN BULK

Bottle the syrup while it's hot to make sure that it doesn't ferment, as it contains no stabilizers or preservatives. It doesn't matter how the syrup is heated, only the temperature is important. That said, the syrup gets darker each time it's reheated, which could change the grade. The intensity of heat, the cooking time, and type of container could also affect the product. You don't need to bring the syrup to a boil to repackage it. The syrup should be packed at a temperature of at least 180 °F, ideally 185 °F. Otherwise, it may ferment.

Check the sugar content: It should be at 66 Brix (66% sugar). If the syrup is below this value, it will need to be boiled longer. If it is too thick, filtrate and/or maple water should be added to lower the sugar content. It is important not to bottle syrup that's too thick. The sugar will crystallize and settle at the bottom of the container. The sugar level can be measured with a hydrometer or density meter.

Ideally, always filter the syrup after it's been heated, even if you've already filtered it. Make sure the containers are clean. When filling small containers, especially glass ones, heat the syrup above 180 °F because the container will absorb a lot of heat, cooling the syrup. Another way around this problem is to preheat the containers before filling them. Something to keep in mind when filling containers: maple syrup will shrink by 4% as it cools.

Once a container is full, quickly close the cap or lid and turn the container on its side or upside down for 30 seconds to sterilize the inside of the cap or lid. Some people recommend that sealed containers be cooled quickly so that the syrup stays as pale as possible.





## **IMPORTANT NOTE FOR PLASTIC CONTAINERS**

Most plastic containers do not have an oxygen barrier, which means that the syrup will be oxidized as oxygen passes through the plastic. After a few weeks, the syrup will start to darken. It is best to always wait until the last minute before packaging syrup in a plastic container, because after 2 or 3 months, the syrup will lose at least 1 grade and your labels will no longer accurately describe the product. Some companies offer a latex coating on their containers. It helps, but only for 2 to 3 months. There are also multi-layer containers that are moulded with an oxygen barrier. This type of plastic container does not allow the syrup to oxidize, making it as good as a glass or metal container.

Ask your CDL representative or store to discover our range of containers!









360004

24



SIZE	PRODUCT CODE	QTY/BOX
100 ml	3601000	100
250 ml	3602500	100
500 ml	3605000	100
1 L	3600010	100
2 L	3600020	50
<i>(</i> . 1	3600060	2/





SIZE	PRODUCT CODE	QTY/BOX
3.4 oz	EXCD0101♥	100
½ pint	EXCD0261♥	100
1 pint	EXCD0501♥	100
1 quart	EXCD1001♥	100
½ gallon	EXCD2001♥	50
1 gallon	EXCD4001♥	24

#### For specific states, replace the \* by:

			,		/ -
U	for	All States	МІ	for	Michigan *
٧	for	Vermont *	Ρ	for	Pennsylvanie *
Ν	for	New York *	IN	for	Indiana *
NH	for	New Hampshire *	WV	for	West Virginia *
ME	for	Maine *	MA	for	Massachusetts *
WI	for	Wisconsin *	OH	for	Ohio *

\* Product available in limited quantity.



4 L

118 | PLASTIC JUGS 2022



## **PLASTIC JUGS**







SIZE	PRODUCT CODE	QTY/BOX	SIZE	PRODUCT CODE	QTY/B0X
40 ml	728140040	100	40 ml	EXCR00410	100
100 ml	72814100	100	100 ml	EXCR01010	100
250 ml	72814250	100	250 ml	EXCR02610	100
500 ml	72814500	100	500 ml	EXCR05010	100
1 L	72814001	100	1 L	EXCR10010	100
2 L	66925	50	2 L	EXCR20010	50
4 L	72814004	24	4 L	EXCR40010	24

SIZE	PRODUCT CODE	QTY/B0>
1.36 oz	EXCR0041♥	100
3.4 oz	EXCR0101♥	100
½ pint	EXCR0261♥	100
1 pint	EXCR0501♥	100
1 quart	EXCR1001♥	100
½ gallon	EXCR2001♥	50
1 gallon	EXCR4001♥	24

## **PLAIN PLASTIC JUGS**





SIZE	PRODUCT CODE	QTY/BOX
½ pint	EXCR0260	100
1 pint	EXCR0501PL	100
1 quart	EXCR1001PL	100
½ gallon	EXCR2000	50
1 gallon	EXCR4001PL	24

#### ALLSTATE LABELS (250/ROLL)

½ pint	EXCRL0261U
1 pint	EXCRL0501U
1 quart	EXCRL1001U
½ gallon	EXCRL2001U
1 gallon	EXCRL4001U

#### For specific states, replace the \* by:

U	for	All States	МІ	for	Michigan
٧	for	Vermont	Р	for	Pennsylvanie
Ν	for	New York	IN	for	Indiana
NH	for	New Hampshire	WV	for	Virginie Occidentale
ME	for	Maine	MA	for	Massachusetts
WI	for	Wisconsin	ОН	for	Ohio

## **EXTRA CAP FOR JUGS**



#### BROWN PLASTIC CAPS FOR JUGS

Cap for jugs (40 ml & 100 ml)	661386
Cap for jugs (40 ml & 100 ml)	6628401*
Cap for jugs (250 ml to 4 L) new threads	6628400

\* Product available in limited quantity.





## **MODERN AND MAPLE LEAF**

## CAPS NOT INCLUDED





MODERN

MAPLE LEAF

	SIZE	PRODUCT CODE	QTY/B0X	CAP CODE
	50 ml	EXBV0050M*	50	661378 (GOLD)
A	100 ml	EXBV0100M	36	661374 (GOLD)
A	250 ml	EXBV0250M	12	661374 (GOLD)
	500 ml	EXBV0500M*	12	661388 (GOLD)
В	50 ml	EXBV0050AU	48	661378 (GOLD)
	100 ml	EXBV0100AU	12	661374 (GOLD) CAPK25 (BROWN)
	250 ml	EXBV0250AU	12	661374 (GOLD) CAPK25 (BROWN)
	500 ml	EXBV0500AU	12	661388 (GOLD) CAP500 (BROWN)
	750 ml	EXBV0750AU*	6	661388 (GOLD) CAP500 (BROWN)

<sup>\*</sup> Product available in limited quantity.

## **GALLONE**

#### **CAPS NOT INCLUDED**





	SIZE	PRODUCT CODE	QTY/B0X	CAP CODE
	40 ml	EXBVRH50	48	661378 (GOLD)
	250 ml	EXBVRH250	12	661377 (BLACK) 661390 (BROWN)
A	500 ml	EXBVRH500	12	661377 (BLACK) 661390 (BROWN)
A	1 L	EXBVRH1000	6	661377 (BLACK)
	½ gal.	EXBVRH2000	6	661391 (BROWN) 661381 (WHITE) 72838000N (BLACK)
	1 gal.	EXBVRH4000	4	661391 (BROWN) 661381 (WHITE) 72838000N (BLACK)
В	250 ml	EXBV0250GL	20	661388 (GOLD) CAP500 (BROWN)
	500 ml	EXBVRH500M	12	661388 (GOLD) CAP500 (BROWN)

## **FLAT**

## CAPS NOT INCLUDED







	SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
	250 ml	EXBV0250L	12	661376 (WHITE) 661386 (BROWN) 661384 (BROWN)
A	375 ml	EXBV0375	12	661376 (WHITE) 661386 (BROWN) 661384 (BROWN)
	500 ml	EXBV0500	12	661376 (WHITE) 661386 (BROWN) 661384 (BROWN)
В	8 oz	EXBV0252	12	661376 (WHITE) 661384 (BROWN)
	12 oz	EXBV0377	12	661376 (WHITE) 661384 (BROWN)

## **FLASK**

## CAPS NOT INCLUDED



SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
200 ml	BOTHF2	12	661384 (BROWN) CAP500 (BROWN)



## **BASQUE**

**CAPS NOT INCLUDED** 



SIZE	PRODUCT CODE	QTY/B0X	CAP CODE
250 ml	EXBV0250B	12	661377 (BLACK) 661390 (BROWN)
500 ml	EXBV0500B	12	661377 (BLACK)

<sup>\*</sup> Product available in limited quantity.

## **BASQUE SNOWMAN**

**CAPS NOT INCLUDED** 



SIZE	PRODUCT CODE	QTY/B0X	CAP CODE
250 ml	EXBV0250BSM*	12	661376 (WHITE)

<sup>\*</sup> Product available in limited quantity.

## **BASQUE 4 SUGARING SCENES**

**CAPS NOT INCLUDED** 









CAP CODE

661376 (WHITE) 250 ml EXBV0250BI\* 12 661384 (BROWN)

QTY/BOX

## **BASQUE 4 CHRISTMAS SCENES**

**CAPS NOT INCLUDED** 









PRODUCT CODE QTY/BOX CAP CODE

661376 (WHITE) 250 ml EXBV0250BC\* 12 661384 (BROWN)

## **BASQUE ANIMALS**

PRODUCT CODE

**CAPS NOT INCLUDED** 









	MUUSE	WOLF	DEER	BLUE JAY
	SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
A	250 ml	EXBV0250BPM00SE *	12	661376 (WHITE) 661384 (BROWN)
В	250 ml	EXBV0250BPW0LF*	12	661376 (WHITE) 661384 (BROWN)
C	250 ml	EXBV0250BPDEER*	12	661376 (WHITE) 661384 (BROWN)
D	250 ml	EXBV0250BPJAY*	12	661376 (WHITE) 661384 (BROWN)

<sup>\*</sup> Product available in limited quantity.

## **BARREL CAPS NOT INCLUDED**



SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
50 ml	EXBV0050BA*	70	661378 (GOLD) CAP05B (BLACK)
100 ml	EXBV0100BA*	12	661374 (GOLD) CAPK25 (BROWN)
200 ml	EXBV0200BA*	12	661376 (WHITE) 661384 (BROWN) 661388 (GOLD) CAPKB5 (BLACK)

<sup>\*</sup> Product available in limited quantity.

<sup>\*</sup> Product available in limited quantity.

<sup>\*</sup> Product available in limited quantity.



## Very competitive skid pricing. Call your local CDL store for details.

#### **DECANTER**

#### **CAPS NOT INCLUDED**



CAP CODE	QTY/B0X	PRODUCT CODE	SIZE
661381 (WHITE) 72838000N (BLACK)	12	EXBV016	16 oz
661381 (WHITE) 72838000N (BLACK)	12	EXBV032	32 oz

#### **GRAND LINE AND SAUCE**

#### **CAPS NOT INCLUDED**







	SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
A	1 L	EXBV1000G	12	661376 (WHITE) 661386 (BROWN) 661384 (BROWN)

72838000N (METAL) 661381 (WHITE) **B** 350 ml EXBV0350S2 12 661391 [BROWN] 661396 [BLACK]





Shrink band 60160 38 mm, 250/bag

## WHISKY **CAPS NOT INCLUDED**



SIZE	PRODUCT CODE	QTY/B0X	CAP CODE
50 ml	BOTW5018SC	96	CAP05B (BLACK)
1 L	EXBV1000S	12	661376 (WHITE) 661386 (BROWN) 661384 (BROWN)

## **CAPS**

#### WHITE PLASTIC CAPS



28 mm x 400 661376 38 mm x 400 661381 38 mm x 400

aluminum liner



661381AL

#### **BROWN PLASTIC CAPS**



24 mm x 400	CAPK25
28 mm x 400	661384
31.5 mm x 400	661390
38 mm x 400	661391
28 mm x 410	CAP500

#### **BLACK PLASTIC CAPS**



18 mm x 400	CAP05B
28 mm x 400	661379
31,5 mm x 400	661377
38 mm x 400	661396



#### GOLD PLASTIC CAPS 18 mm x 400 661378 24 mm x 400 661374



METAL CAPS

28 mm x 400

Lid for CAN250 and CAN500 cans



**NEW** LID250500

661388

#### PLASTIC CAPS / TAMPER EVIDENT



28 mm x 400 661382 (WHITE) 28 mm x 400 661386 (BROWN) 28 mm x 400 661385 (GOLD) 28 mm x 400 CAPKB5 (BLACK)

## **HEAT SHRINK AND GOLD CAPS FOR GLASS BOTTLES**



#### **HEAT SHRINK CAPS**

28 mm, 100/box

EXCAP028G\*

\* Product available in limited quantity.

#### **GOLD CAPS**



30,5 x 42 mm, 100/box EXCAP210

34 x 52 mm, 100/box EXCAP310



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#### **SHORT ROUND JARS**

LIDS NOT INCLUDED



SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
40 ml	EXPO40	24	728445
125 ml	EXP0125	12	72843000
250 ml	EXPO250	12	728470
375 ml	BOTS37	12	728470
750 ml	BOTS75	12	CAPG82

## **LONG ROUND JARS**

LIDS NOT INCLUDED



PRODUCT CODE	QTY/B0X	CAP CODE
BOTT25	12	CAPG53
BOTT37	12	788490
BOTT50	12	788470
BOTT75	12	728470
	BOTT25 BOTT37 BOTT50	BOTT25 12 BOTT37 12 BOTT50 12

## **METAL LIDS**

## **HEXAGONAL AND EMBOSSED HONEY JAR**

LIDS NOT INCLUDED





	SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
	45 ml	EXP0H045-24	24	728445
Α	110 ml	EXPOH110-12	12	72843000
A	190 ml	EXPOH190-12	12	788490
	270 ml	EXP0H270-12	12	788470
D	380 ml (500 g honey)	B0T380	12	CAPHC7, CAPWF7, CAPPC7, 728470
R	780 ml (1 kg honey)	B0T780	12	CAPHC8, CAPWF8, CAPPC8, CAPG82



38 mm x 400	Black	<b>NEW</b>	72838000N
43 mm	Gold		728445
48 mm	Gold		72843000
53 mm	Gold		CAPG53
58 mm	Gold		788490
63 mm	Gold		788470
63 mm	Black	<b>NEW</b>	7884863N
70 mm	Gold		728470
70 mm	Black	<b>NEW</b>	728471
82 mm	Gold		CAPG82



82 mm





PRODUCT CODE

	SIZE	PRODUCT CODE
٨	70 mm	CAPHC7
A	82 mm	CAPHC8
D	70 mm	CAPWF7
D	82 mm	CAPWF8
_	70 mm	CAPPC7

## **SAMPLE JARS**



30 ml jars EICOL016 Cap only EXBSCAP16

CAPPC8

## **PLASTIC BOTTLES**



	SIZE	QTY/BOX	PRODUCT CODE
		OXYGEN BARRIER BOT	TLE
Α	375 ml	200	660375
В	500 ml	150	661500
C	1 L	90	661000
D	2 L	50	660020-50
E	4 L	40	660400
		FREEZER JUG	
F	4 L	1	EXSH4P
		PLASTIC JUG	
G	10 L	1	JUG210
		FIVE GALLON BLUE CON	TAINER
Н	18.9 L		NAILABLE EXBPL005

## **PLASTIC CONTAINERS**







## With security seal

250 g Lock container, Maple taffy 500/box

60256

250 g Lock container, Maple cream 500/box

60255



Maple cream tub CDL Collection 250 g

61250001

500/box

500/box

Maple cream tub CDL Collection 500 g

61500001

Caps included

250 g organic container 500/box

61250001B



FOR **ORGANIC CERTIFIED** PRODUCERS

## **EXTRA CAPS FOR OXYGEN BARRIER BOTTLES AND FREEZER JUG**





DESCRIPTION PRODUCT CODE With handle 8 x 375 ml 668375 With handle 8 x 500 ml 664350 Without handle 12 x 375 ml 612375





B

Beige plastic container for maple cream 250 g | 100/box

ONLY AVAILABLE IN CANADA

TUBB25\*

Beige plastic container for maple cream 500 g | 100/box

1/2 lb tub | 100/box

ONLY AVAILABLE IN THE USA

TUBB50\* EXCUL251U

1 lb tub | 100/box EXCUL501U 4 oz. granulated sugar container EXPLSUG4 8 oz. granulated sugar container EXPLSUG8

\* Product available in limited quantity.



## **WOODEN STICKS**





Λ	Medium wooden sticks   pkg 12	668911
A	18" wooden sticks	66891
В	6" taffy sticks   pkg 500	72925050

## **CANDY BOXES**



12 cavities, 4-1/2" x 6" 60115

25 cavities, 4-1/2" x 9" 60128



One bite candy box 60101



1" brown paper cups pkg 1 000 EXBB0251





15 cavity box, 7" x 4" x 1"



Two bite candy box 60102



1-3/4" white paper cups pkg 1 000 EXBB0101

## **CONES, BOXES AND SUPPORTS**



A	72/box		66137
	900/box		66138
D	6 holes 25/box		ECBCOR06-25
B	12 holes 25/box		ECBCOR12-25
С	Plastic cone holder, 64 cavities	₩ NEW	666315

## **GLUCOSE AND POWDER GENUGEL**



2,25 kg 6680801 For the hardness of sweets and lollipops

25 kg 66808



200 g
For the hardness of sweets and tollipops
72926170

## **HANG TAGS AND ELASTICS**





В



C

Hang tag ONLY AVAILABLE IN CANADA HANTAG 100	
Hang tag         NECBRO         100           Golden elastic         EXECMEL6G         100	

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## **SELF-ADHESIVE LABELS**







	DESCRIPTION	DIMENSION / DESCRIPTION	QTY/ROLL	PRODUCT CODE
A	Nutrition Facts	MED. NUTRI. LAB. MAPLE SYRUP 250	250	NFME25
	None	2-1/2" H x 2-1/8" L	250	LABNSB
	250 ml	2-1/2" H x 2-1/8" L	250	LABN25
В	None	3-5/8" H x 2-3/4" L	250	LABNLB
	500 ml	3-5/8" H x 2-3/4" L	250	LABN50
	1L	3-5/8" H x 2-3/4" L	250	LABN01

## SIGNS AND FLAGS









A

В

E



F

	DESCRIPTION	PRODUCT CODE
A	9" x 13" cardboard sign	ECMS0913
В	24" x 36" metal sign	ECMS2436
	10" x 14" plastic sign	ECMP1014
	24" x 36" plastic sign	ECMP2436
C	20" x 30" plastic sign	SIGNGR
D	18" x 24" coroplast sign	SIGNYE
Ε	20" x 30" coroplast sign	SIGNAM
F	Flag	663660

## **SYRUP GRADING SELF-ADHESIVE LABELS**



DESCRIPTION	PRODUCT CODE	QTY/PKG
Canada Golden	660260	500
Canada Amber	660262	500
Canada Dark	660258	500
Canada Very dark	660259	500
Ontario Golden	660230	500
Ontario Amber	660231	500
Ontario Dark	660232	500
Ontario Very dark	660233	500
Vermont Quality	EXECVT01	1000
Vermont Golden	EXLAVTG	1000
Vermont Amber	EXLAVTA	1000
Vermont Dark	EXLAVTD	1000
Vermont Very dark	EXLAVTV	1000
US Golden	EXLAUSG	1000
116 4 1	EVI ALICA	1000



US Golden	EXLAUSG	1000
US Amber	EXLAUSA	1000
US Dark	EXLAUSD	1000
US Very Dark	EXLAUSV	1000



Complete selection available online. Visit our webstore for the complete listing.

## **BOOKS**







DESCRIPTION

PRODUCT CODE

ECBYSMAN4

The Maple Syrup Cookbook - 3rd edition

(Offers recipes for breakfasts, appetizers, beverages, ECCB00K3 pastries and desserts.)

Backyard Sugarin' (An excellent guide for people who would like to start producing maple syrup for pleasure or personal enrichment.)

The Maple Syrup Cookbook (Offers recipes for ECCBOOK2 breakfasts, appetizers, beverages, pastries and desserts.)



Several other books available. Visit our webstore for the complete listing.



## **PLASTIC MOLDS**







	A HARD CANDY	B SUCKER CANDY	C CHOCOLATE
	DESCRIPTION	CAVITY/QTY	PRODUCT CODE
	Assorted designs	20	ECMS3057*
	Flowers, fruits, nuts	25	ECMSH479
٨	Small hearts	18	ECMS0204
Α	Maple leaves	12	ECMS3185
	Rectangles	20	ECMS3029
	Stars	20	ECMSH227
	Barrels	7	ECMS3205
	Baseball	6	ECMS3043
	Snowmen	6	ECMSH404
	Hearts	6	ECMSH324
	Maple leaves	6	ECMS3450
	Frogs	5	ECMS3303
В	Rabbits (female)	5	ECMSH254
	Apples	6	ECMS3190
	Rounds	3	ECMS0573
	Smiles (big)	4	ECMSH962
	Smiles (small)	6	ECMSH961
	Santa Claus heads	6	ECMSG214
	Tractors	4	ECMS1219
	Squares	20	EMCC071
	Maple leaves	12	EMCC0121
	Assorted designs	12	EMCC055
C	Pyramids	12	EMCC129
	Rounds	12	EMCC070
	Farm animals (for suckers)	4	EMCS11219
	Cow (for suckers)	5	ECMS3624

<sup>\*</sup> Product available in limited quantity.

## **RUBBER CANDY MOLDS**



- > Made of food grade silicone
- > Unique design for added stability when pouring
- > Entirely self supporting
- > Three high sides for quick filling without making a mess, giving a uniform quality products without waste.
- > Uniform cavities giving perfect results every time.



MSEM2420

ECMC1138\*



Maple leaves
DESCRIPTION

CAVITIES PRODUCT CODE

12

## **SUCKER BAGS AND STICKS**

DESCRIPTION	DIMENSIONS	QTY/PKG	PRODUCT CODE
Cellophane bags	4-3/4" x 6-3/4"	100	ECMSC406
Cellophane bags	3" x 4"	100	ECMSC304
Plastic bags	3" x 5"	100	ECMSS305
Plastic bags	4" x 5"	100	ECMSS405
Sticks	3-3/4"	1000	ECMSB375
Sticks	4-1/2"	1000	ECMSB450

## **DISPENSER**





В



Α

Tape dispenser

661150

f B White tape for dispenser 9 mm x 66 m



661161





661160



<sup>\*</sup> Product available in limited quantity.

The CDL experience translates into personalized service at each stage of your maple sap processing.

Just like a family, our **maple experts** make suggestions and **guide** you so that the quality of your harvest meets your expectations and those of your consumers here and abroad.

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т. 418-854-5158 г. 418-854-1118 sr. 1-877-854-5158 cabano@cdlinc.ca

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т. 1-844-805-1235 г. 1-844-805-1675 hautst-laurent@cdlinc.ca

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т. 418-356-5153 lislet@cdlinc.ca

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т. 418-286-0003 portneuf@cdlinc.ca

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τ. 418-387-2215 ste-marie@cdlinc.ca

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#### Laurentides

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#### Russ Schneveis

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