



# Upcoming Events at CDL Save the date!

# IN VERMONT | St. Albans

Friday April 28 and Saturday April 29, 2023
Open House Event



Customer Appreciation days will take place at your local store. Details coming soon!

# IN CANADA | Bellechasse, Quebec



Friday May 18 and Saturday May 19, 2023
Inauguration of the new CDL Technology Center

End of Season Customer Appreciation Lunch and Sale in our various stores. Details coming soon!

Take advantage of our promotions the whole month of May!





#### Dear customers.

With the record 2022 sugar season and the addition of 7 million taps in Quebec by 2024, there's no need to tell you that we are working very hard at CDL right now. Although CDL is experiencing the same supply and labour issues that all manufacturing companies are facing around the world, we will be able to deliver your equipment on time and provide you with the same outstanding service you've come to expect from us.

We also have some positive news for 2023: we anticipate greater price stability. We are aware that the last two years have been difficult in that regard. Equipment and production costs in maple syrup production have skyrocketed, but the price of maple syrup didn't follow. We believe that part of the solution lies in innovation and the use of new technologies to increase your productivity and decrease your operating costs. CDL certainly has the team and the expertise to support your business through this essential technological shift, no matter the size.

In addition, innovations are still very much on the agenda at CDL. We believe that energy conservation and the shift to renewable energy will be a big part of our industry in the next decade. This vision has led CDL to develop a range of equipment perfect for this transition. Our new family of concentrators; our line of Master chip, pellet, wood, and now 100% electric evaporators; and our CDL Intelligence system are by far the most advanced technologies in the industry to help maple syrup producers achieve this goal.

Finally, the CDL team would like to wish you a wonderful sugaring season. Thank you for your loyalty. We look forward to seeing you soon in one of our North American stores. We are pleased to have the privilege to accompany you all in your 2023 projects.

Sincerely

From left to right:

#### Vallier Chabot.

co-owner and general manager of CDL

#### Martin Chabot.

co-owner and general manager of CDL USA

#### Marc-André Chabot,

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

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# Signature

#### > MINIMUM RESTRICTION

The 45° angle facilitates sap flow and prevents residues or unwanted bacterias from accumulating.

- > PERFECT SEAL
- > LONGER SPOUT WORKS BETTER ON THICK BARK



# Signature spouts



	Clear	Blue	Smoke		
1/4"	66045044	66045344	66045144		
<b>5/16</b> "	66045064	66045063	66045069		

We recommend the use of the 5/16" drill bit for tapping with 5/16" and 1/4" drill bit for tapping with 1/4" Signature Spout.

Other colors available by special order only. Minimum quantities required.

# Signature spouts with BARBS



	Clear	Blue	Smoke		
1/4"	66045424WB	66045524WB	66045624WB		
5/16"	66045264WB	66045263WB	66045269WB		

### Contact your sales representative.

# 17/64" SPOUTS FOR ONE SEASON USE First Maxflow barb for

THE 15° ANGLE GIVE A GOOD
CLEARANCE BETWEEN THE DROP
AND THE TREE

Spouts

Clear Blue Smoke
17/64" 66015017 66015019 66015016

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

perfect tightness





5/16" spout Zap-Bac Antibacterial 66090094

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





**By Christian Gosselin**Product Manager - Forest Division

# CHOOSING THE BEST SPOUT FOR YOU!

Have you ever found yourself in one of our CDL store, standing in front of the spout display wondering which model you should choose for your maple sugaring endeavours? Here a few tips! They also apply if you're using buckets rather than tubing.

As a reminder, spouts are the starting point of your harvesting system, so it's no surprise that a bad tap or spout can have a catastrophic impact on your results!

Throughout the years, CDL has always invested in research and development in order to offer high-performance products. We're attentive to our customers' feedback and strive to create the best spouts on the market.

#### **COLOUR AND TRANSLUCENCY**

Let's start by looking at some basic principles. A study by the Centre ACER<sup>1</sup> in the spring of 2013 and 2014 showed that white spouts yielded 7% more sap than black spouts in the studied sugarbush. This variation is due to the spout's colour and its thermal absorption properties.

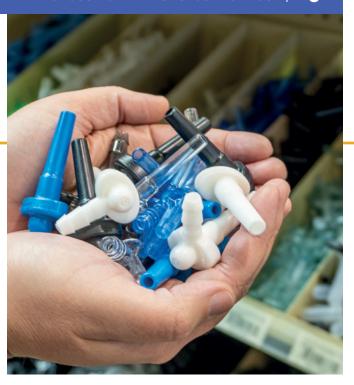
A spout's colour can therefore compensate for temperature fluctuations in your sugarbush. For example, if your sugarbush is cold or if an area receives less sunlight, your taps will thaw more quickly during the day if you use black spouts.

Translucent spouts have the advantage of allowing you to see air bubbles, and therefore leaks, at a glance. Consider using blue translucent spouts as an in-between and smokey grey spouts if your sugarbush is cold.

Some producers also use different colour spouts in different areas, allowing them to control the quality of their tappers work. Each tapper working with a different colour, it's easy to see who did what, and if someone needs a few pointers on their tapping method.

#### **LIFESPAN**

The spouts available on the market can be divided into three categories: permanent spouts, like our Maxflow line; one-year seasonal ("disposable") spouts, like our Signature and our new SMART lines; and three-year seasonal spouts, like our Signature 3 line. Your choice should depend on how often you want to change your spouts, as well as the optimal vacuum level of your tubing network.



Why change spouts every year? Nothing beats new spouts for maximum performance, and changing them assures you they're free from damage and bacterias. Using disposable spouts also ensures an optimal seal whereas with reusable spouts, the seal degrades more each year as the spouts are inserted and removed. But no matter the type of spout, watch out for micro-leaks: they're invisible to the naked eye, yet will drastically reduce your network's vacuum level. As for permanent spouts, they have a very long lifespan as long as they aren't damaged by tappers or various forest creatures. If you're not up to changing your spouts every year just yet, our Signature 3 line is a good compromise that will give you a solid return on investment at a lower cost.

#### **CONDITION OF YOUR MAPLES**

When choosing a spout, you should also consider the condition of your trees and their healing process. Smaller taps heal faster, consider a 1/4" or 17/64" spout rather than 5/16" if your maples have seen better days and have many wounds from the past seasons.

You should also consider the thickness of the bark.

#### PROGRESS OF THE PROJECT

If you're just starting to tap a virgin forest, you can use any equipment you like. However, if you already set up a tubing network in part or in all of your sugarbush, you need to know what equipment you're currently using and make sure your new spouts are compatible with your existing fittings, reducers, and adapters, not to mention the drill bit size you have on hand.

We hope these tips make it easier to choose your next spouts!



<sup>&</sup>lt;sup>1</sup> Reference: Évaluation de la coulée obtenue à l'aide du chalumeau MaxFlow, Centre ACER, Saint-Hyacinthe, Quebec, 2014.

#### **MAXFLOW SPOUTS WITH BARBS**

# MAXFLOW



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

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





## 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.



cdlinc.ca | cdlusa.com



# 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 660300096



IDEAL TO SANITIZE WITH ISOPROPYL ALCOHOL 5/16" T with sanitizing cap

66302099



5/16" Maxflow with multi stage pin 66304099



T 5/16" universal cap 66306099

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



5/16" end of line health T 66306357



5/16" end of line T with pin 66305099



ISOPROPYL ALCOHOL 5/16" end of line T

with sanitizing cap

IDEAL TO SANITIZE WITH

66304357



17/64" end of line health T 660300097



5/16" multifunction end T 66306358



5/16" multi stage Maxflow end line T 66305357



T 5/16" end of line universal cap 66307357

| MAXFLOW FITTINGS 2023

# MAXFLOW THE SOLUTION TO PREVENT MICRO-LEAKS

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



66265099 5/16" end of line adaptor

MAXFLOW



66266099 End of line adaptor with cap

MAXFLOW



Maxflow multifonctional 66267099 end of line adaptor

MAXFLOW

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



5/16" black Y 66014099



ETMAT316C 5/16" sliding adaptor



5/16" sliding hook ETMAT316CH



66279099 5/16" end of line hook

#### **SAP LADDER FITTINGS**



5/16" 6-way star 66180



5/16" 3-way star 66183

#### 5/16" MAXFLOW CONNECTORS



5/16" flat hook connector

66303099

MAXFLOW

#### 5/16" CONNECTORS



Quick connector

6601209902



Connector with loops

6601109902

#### **OTHER**



5/16" Rubber plug

6603509905



Health spout pin

66012099



End-line ring

ERA1400

66031099

66032099



Double forks 1/2"

Double forks 3/4"

Double forks 1"

66033099



INS X INS X INS

3/4" 66074099 66075099

1" x 1" x 3/4" 66066099

1-1/4" x 1-1/4" x 1" 66034098

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#### **REDUCERS AND ADAPTORS**

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



2023

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

66090714M

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



3/4" 66096096

66097096 1-1/4" 66098096

Maxseal 66091C single gasket

> Hole diameter: 31/64". Screw kit #66099099 not included.



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

66090054M

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



5/16" black spout adaptor

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

66090099A





3/4" 66096099 1" 66097099

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



5/16" natural spout adaptor

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

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

66090099N

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

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



5/16" clear adaptor with thin wall

66090099M



3/4" 66094034

66094091

Screw kit not included



66099099 Screw kit



5/16" to 1/4" thin wall clear reducer

66090014M

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



5/16" Zap Bac antibacterial adaptor

ZAP BAC



66090094A



1-1/2"

66064099

Hole diameter: 5/16"

# CDL REDUCERS AND SPOUT ADAPTORS ALLOW YOU TO

REUSE AND EXTEND MANENT SPOUTS

WHILE MAXIMIZING EFFICIENCY.





| FITTINGS FOR TUBING 2023



#### **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

3-gallon green plastic bucket



2-gallon blue plastic bucket 663050

663053 3-gallon blue 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" 66964 SpinSeal Fittings

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



66091C Maxseal single gasket

Screw kit not included



66099099 Screw Kit

#### 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

#### MUXLIOM

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



3/16" end of line hook

66279357

66045316



3/16" flat hook connector

66303357



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

66303356



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





#### **CDL EXCLUSIVE**

Save from \$1.80 to \$3.45 (CAD) 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!

#### THE ONLY CONNECTOR THAT PROVIDES

## **A PERFECT SEAL** FOR THE ENTIRE LIFE OF THE MAINLINE







The SpinSeal fitting makes mainline recycling easy.

**SCAN TO SEE THE VIDEO** 



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

730100









	Α	В	C	D
A	5/16" BLUE SpinSea	al Fitting		66091061
В	5/16" BLACK SpinS	eal Fitting		66091069
С	5/16" GREEN SpinS	eal Fitting		66091065
D	5/16" GREY SpinSea	al plug		66091059

#### MADE FOR:

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





SpinSeal tool 1" mainline insert. Can be used with a compact fitting tool. Facilitates the installation of the 730115 5/16" tubing on your spinseal fitting.



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.



# **CDL FLEX**

- > FLEX
- > Flexible at all temperatures
- > The best translucency
- > Resists falling trees
- > No leakage
- > Ideal for droplines
- > Excellent elastic memory

# **CDL VISION**

- > FLEX / SEMI-RIGID
- > Ideal for straight and long laterals
- > Good translucency
- > Good elastic memory
- > Keep its properties over the years

# **CDL 50**

- > SEMI-RIGID
- > A good compromise of flexibility and rigidity between the VISION and the MAX

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



#### **BLUE**

CODE

451610001

451615001\*

RIGIDITY

Flex

Flex

5/16" CDL Flex

5/16" CDL Flex



#### **DARK BLUE**

**RIGIDITY** 

Flex

Flex

5/16" CDL Vision Flex / Semi-rigid

5/16" CDL Vision Flex / Semi-rigid

5/16" 4 Seasons Flex

5/16" 4 Seasons Flex

5/16" CDL Flex

5/16" CDL Flex

CODE	WARRANTY
451610007*	10 year
451615007	15 year
451610027*	10 year
451615027*	15 year
6600130805	10 year

**UPON REQUEST ONLY** 

5/16" CDL Vision	Flex / Semi-rigid	451610021	10 year
5/16" CDL 50	Semi-rigid	451610031*	10 year
5/16" CDL MAX	Semi-rigid / Rigid	451605011	

\* Special order only.

10 year

15 year

\* Special order only.

15 year



6600127209

5/16" TUBING 2023

# **CDL MAX**

- > SEMI-RIGID / RIGID
- > Less curvature and better hold in low density sugarbushes
- > Ideal for installations where the distance between maple trees is very large
- > The least expensive of the 5/16 CDL tubing line
- > Interesting quality vs price ratio

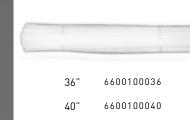
# **4 SEASONS**

- > FLEX
- > Made of 100% pure resin
- > Highly translucent
- > Malleable from -40°C to 40°C
- > 100% airtight
- > Weather resistant



#### **PRECUT DROPS**

- > 10 year warranty
- > Completely clear for an optimal visibility.
- > Unique plastic recipe with UV stabilizers
- > Packaged in bundles of 100 units.



Other colours and lengths available upon request.

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





	RIGIDITY	CODE	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
5/16" CDL MAX	Semi-rigid / Rigid	451605015	

5/16" 4 Seasons	Flex	NOT IN STOCK IN THE USA UPON REQUEST ONLY	6600137510D	10 year
5/16" 4 Seasons	Flex		6600137515	15 year

NOT IN STOCK IN THE USA

#### **SHADOW GREY**

	RIGIDITY	CODE	WARRANTY
5/16" CDL Flex	Flex	451610006*	10 year
5/16" CDL Flex	Flex	451615006	15 year
5/16" 4 Seasons	Flex	6600144010	10 year
5/16" 4 Seasons	Flex	6600142415	15 year

\* Special order only.

UPON REQUEST 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	-	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
W NEW -	2 000' spool	410010769S	410010769	410010761S	410010761	410010765S	410010765
	500'	411410069S	411410069	411410061S	411410061	-	411410065
11/4"	1 000'	-	411410269*	-	411410261*	-	411410265*
	1 000' spool	411410169S	-	411410161S	-	-	-
44/11	500'	411210069S	411210069	411210061S	411210061	-	411210065
11/2"	900' spool	411210169S	-	411210161S	-	-	-

\* Special order only.

\* Special order only

\* Special order only.

#### **Our commitment**

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





**TUBING FOR SIDE TYING** 

500' Black 401210049



# 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 support wire

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



# Products manufactured by **WCDL**

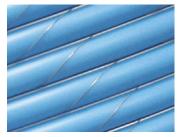


## 10-YEAR WARRANTY

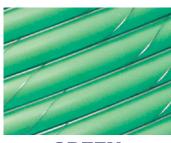
**Get CDL** quality!







**BLUE** 



**GREEN** 

		SpınSeal	HD	SpınSeal	HD	SpınSeal	HD
3/4"	2 500' spool (PRE-LASHED)	403410169SL*	403410169L*	403410161SL*	403410161L*	-	403410165L*
1"	NEW 2 000' spool (PRE-LASHED)	410010769SL	410010769L	410010761SL	410010761L	410010765SL	410010765L
11/4"	1 000' spool (PRE-LASHED)	411410169SL	-	411410161SL	-	-	-
11/2"	900' spool (PRE-LASHED)	411210169SL	-	411210161SL	-	-	-
			* 6		+0 :1 1		+0 :1 1

\* Special order only

\* Special order only

\* Special order only

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

- → The Professional's choice
- $\rightarrow$  Potential savings of \$0.75 (CAD) 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 CAN GIVE YOU DIRECT AND TRUSTED RESOURCES FOR YOUR** PROJECT.



18 | MAINLINES 2023

# **VERSA**PROFILES



#### **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	-
1-1/2"	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 ADVANTAGES

- $\rightarrow$  The least expensive
- → Very resistant and durable
- $\rightarrow$  Ideal for buried pipe systems
- ightarrow 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



SCAN TO SEE THE VIDEO bit.ly/cdlvideos







Fusion and rapitube mainlines are manufactured exclusively for



#### **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.

For rent





# CDL EXPERTISE: WE CAN MANAGE YOUR MAPLE SYRUP PROJECTS FROM A TO Z.

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!

#### > Project evaluation

Have your project fully assessed by our experts, who have access to a large inventory in real time. Whether you are beginners or experienced, you will be accompanied by our experts according to your needs.

#### > 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 Maple Sugaring Management 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.

#### > Modification of equipment

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.

#### **WIRE TIES**



	REGULAR (18 GA)	HEAVY DUTY (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 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







ETMRAT02

WL12LINK

664160

Rachet handle for wire

1/2" x 5-1/4" x 1" zinc 12,5 GA wire link

Screw eye bolt

**22** | TOOLS 2023



#### **PRUNO TOOLS FOR SPOUTS AND TUBING**



Designed to easily install the 5/16 on SpinSeals or any other straight fittings

6623161



Blade for 5/16" tubing remover pliers

66500



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

66559





5/16" compact insertion tool with lateral knife

66558



Mini 3/16" installation pliers with adjustable automatic pressure and cutter

6623156

Blade for compact insertion tool

665579



Mini 3/16" installation pliers 66515

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

66557



with adjustment screw

5/16" tubing butt remover without blade

664954



5/16" installation pliers with adjustment screw

6623158

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

6623157



Repair pliers with adjustment screw with knife 66501 and tubing stretcher



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

664958 Ideal to install Signature spouts and every other CDL spouts



Deluxe double automatic tubing tool with cutter and 662153 tubing stretcher



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

ideal to install signature spouts and every other CDL spouts

664959

#### **PRUNO WIRE GRIPPER**



Spring loaded wire gripper

667068

#### PRUNO SUPPORT HOOKS



Kit with 2 aluminum hooks for mainline level

66902

\*Level not included



2023 TOOLS | **23** 

#### **PRUNO PUNCH**



5/16" mainline punch 66185



31/64" mainline punch 661851



5/16" drill bit and handle 66185P



31/64" drill bit and handle 661851P



31/64" only drill bit 664979\*

\* Product available in limited quantity.

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

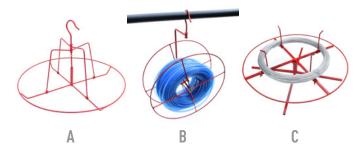


Flow stopper tool with adjustment screw

66499

#### **PRUNO TUBING WINDER**

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



Α	Horizontal for 3/16" and 5/16" tubing	660411
В	Vertical for 3/16" and 5/16" tubing	660410
C	Wire winder	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



# 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	661172
Red Standard Marker	661177
Blue Standard Marker	661179

**24** | TOOLS

#### **WIRE TOOLS**



CDL wire bender 650 kg

667079



Permanent wire gripper 667066 for path crossing

Crimping tool 665701



High tension wire cutter Cuts high carbon wire easily

73069

**TOOLS FOR TUBING** 



30" Drop line cutter 668086

36" Drop line cutter 668089

40" Drop line cutter 668088



"Contractor" pliers for 665504 gripple installation



5/16" Drop line pliers 66496

3/16" Drop line pliers 66497



665522 Light clamp for gripple



66090 Manual wire twister



Automatic wire twister 66091

Pliers 5/16" aluminium foam sleeves

68049

#### **TOOLS FOR PRE-LASHED MAINLINES INSTALLATION**



Pre-lashed mainline retention hook

660604

Wire puller for 660605 pre-lashed mainline

#### **REELS**

Galvanized mainline reel 660416 on wheels

Toolbox (optional) 660417

Wire reel 660418 (optional)



2023 TOOLS | **25** 

73067

73062

63001

63005

660911

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



3/16" Compact insertion pliers





Compact insertion pliers Icebreaking jaws



3/16" tension hooks

669103



Aluminium binder 30" 68044



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 66101



Sighting hand level

666566

Pink fluorescent tape 661016

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

**26** | TOOLS 2023

#### 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
1/4" long drill bit Ideal for Precision Tapper	662415
5/16" long drill bit	662540

#### **DRILL BIT**



66257

**MILITARY** 



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

#### **WORK APRONS**



A Work apron 66932 66934 B CDL work apron

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



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

**BOLDUC DRILL BITS** 

 $\rightarrow$  Increased corrosion resistance

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

\* Available in limited quantity.

ONLY AVAILABLE

**IN CANADA** 

#### **TAPPING ACCESSORIES**



A

CDL tapping hammer 73064 Aluminum handle

В



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

663441 Spray trigger head







662535C
662537C
662539C
662536C
662544C
662543C
662535
662535 662537
662537
662537





## MAPLE LOLLIPOPS

20 PORTIONS



#### **Ingredients**

- > 1/2 cup unsalted butter, at room temperature
- 1 cup maple syrup (preferably very dark syrup for its strong flavour)
- > 20 lollipop sticks

Source : Maplefromcanada.ca

#### Method

- 1. In a thick-bottomed saucepan, bring butter and maple syrup to a boil. Boil until candy thermometer shows 146 °C (295 °F), then remove from heat.
- 2. Lay a large sheet of parchment paper on a table or countertop, then pour little circles of syrup.
- Quickly place a lollipop stick in the centre of each circle, then leave to harden.

Store lollipops in an airtight container in a cool and dry place.

# **MAPLE FUDGE**

16 PORTIONS



#### **Ingredients**

- > 2 cups maple syrup (prefertably dark syrup for its robust flavour)
- > 3 tablespoons butter
- > 1 cup 35% cream (preferably whipped)
- > 1/2 cup walnuts, chopped

Source : Maplefromcanada.ca

#### Method

- 1. In a large saucepan, bring maple syrup and butter to a boil. Boil for 5 minutes.
- 2. Add cream and continue cooking until the temperature reads 118°C (245°F) on a candy thermometer\*.
- Meanwhile, grease and line a square pan with parchment paper and set aside.
- 4. Remove maple syrup and cream mixture from heat and let rest for 5 minutes.
- 5. Using a whisk, beat for 5 minutes until thick.
- 6. Add walnuts and pour into baking pan.
- 7. Let cool before cutting into squares.

\*The candy thermometer is essential for this recipe.

28 | 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

SCAN TO SEE THE VIDEO bit.ly/cdlvideos







#### Precision Tapper™ kit

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

\*Tapping bit adaptor not included.

Precision Tapper™ adaptor Installation included on your drill.

663971

663970

Drill bits adaptors

\*Drill bit not included.





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

→ Head at 90°

Brushless

THE MAPLE SYRUP INDUSTRY. 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

THE BEST TAPPING DRILL SPECIFICALLY DESIGNED FOR

> Backpack cleaning kit with 661612 harness, without dozer





Dozer gun only, 10 to 20 ml 661698



Harness only 661691



Replacement tube kit 661692 for CDL dozer



Three-piece kit 661693 for dispenser spout



Spring for CDL dozer 661694

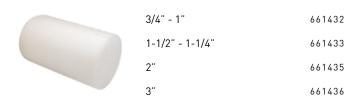


Scew cap for CDL dozer 661689

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



#### BE CLEANING SPONGES



#### **SPOUT REMOVERS**



A	Steel spout remover	66077
	Aluminum spout remover   Small   15"	68015
D	Aluminum spout remover   Medium   22,5"	68020
D	Aluminum spout remover   Long   30"	68030
	Aluminum spout remover   X-Long   40"	68040
	Aluminum spout remover   48"	68031
L	Aluminum spout remover   60"	68032

1½' 1½' 2" 3"

#### **CONNECTORS**



INS x INS	
	662034
	662035
	662037
	662038
	662039

662033

#### **REDUCERS**



INS x I	NS
1" x ¾"	665580
11/4" x 3/4"	665586
11/4" 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 11/2"	665583
3" x 2"	6655302

#### **ADAPTORS**



MIPT x INS		
1/4" x 5/16"	664555S	
1/2" x 5/8"	710563	
3/4"	665589	
1"	665592	
11/4"	665591	
1½" 2"	665590	
2"	665593	
2"	440002	

# A QUALITY THAT MAKES ALL THE DIFFERENCE!



#### **TEES**



INS x INS x INS	
1/2"	660503
3/4"	7134341
1"	6607527
11/4"	6603106
11/2"	6603105
2"	6603108
1" x 1" x 3/4"	660505
11/4" x 11/4" x 3/4"	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 ¾"	660508
2" x 2" x 1"	730311
2" x 2" x 11/4"	730314
2" x 2" x 1½"	660511
3" x 3" x 1"	660520



IINO X IINO X MIPT	
1"	66075251
1½" x 1½" x 1"	730308



INS x MIPT x INS		
3/4"	71343415	
1"	660515	
11/4"	66031066	
11/2"	66031056	

#### Y



INS x INS x INS	
1/2"	6607531
3/4"	6607507
1"	6607501
1¼"	6607510
11/2"	6607508
2"	6607509
3"	6607522
1" x 1" x ½"	6607524
1" x 1" x 3/4"	660751
1" x 3/4" x 3/4"	660752
1¼" x 1" x 1"	6607511
11/4" x 11/4" x 3/4"	6607518
1¼" x 1¼" x 1"	6607512
1½" x 1" x 1"	66075191
1½" x 1¼" x 1¼"	6607515
1½" x 1½ x ¾"	6607520
1½" x 1½ x 1"	6607516
1½" x 1½" x 1¼"	6607505
2" x 2" x 3/4"	6607514
2" x 2" x 1"	6607513
2" x 2" x 11/4"	6607519
2" x 2" x 1½"	6607503
3" x 3" x 1"	66075130
3" x 3" x 1½"	66075128
3" x 3" x 2"	66075129



	MIPLX INS X INS	
3/4"		66075121
1"		66075122



3/4"		66075124

#### **HOOK PLUGS**



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

#### **VACUUM ADAPTOR**



1 x 1/4" 6655921



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	
<sup>3</sup> / <sub>4</sub> " 1"	6010B34	
1"	6010B1	
11/4"	6010B114	
11/2"	6010B112	
2"	6010B2	

#### **ELBOWS**



90° FIPT x FIPT		
1/4"	6010914	
3/8"	601090038	
1/2"	601095	
<sup>3</sup> / <sub>4</sub> " 1"	6010975	
1"	6010901	
11/4"	601090125	
11/2"	60109015	
2"	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**



¼" close	610151
½" x 3"	601104003
½" 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"	SN1375
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
³/4" x 3"	601107530C
<sup>3</sup> / <sub>4</sub> " 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
11/4" x 3/4"	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

MIPLX	FIPI
1/4" x 3/8"	711014
½" x ¼"	715025
½" x 3/8"	705038
3/4" x 1/4"	713414
³¼" x 3/8"	713438
3/4" x 1/2"	713412
1" x ¼"	714014
1" x 3/8"	SB1037
1" x ½"	711012
1" x 3/4"	711034
1¼" x 3/8"	SB1237
11/4" x 1/2"	665551
11/4" x 3/4"	714075
1¼" x 1"	714100
1½" x ½"	712050
1½" x ¾"	712034
1½" x 1"	711210
1½" x 1¼"	712114
2" x ½"	SB2050
2" x ¾"	711013
2" x 1"	711020
2" x 1¼"	711225
2" x 1½"	712015
3" x 2"	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
۷"	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

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

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



66624
736654
6788991D1
770060
770024
60R14SW214
60R14SW22
60R14SW215
770049

#### **CLIPS FERRULES**



JUICK

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



		ΙΤΥ	

11/2"	60R13HC112
2"	60R13HC2
21/2"	60R13HC212
3"	60R13HC3
/ı"	60R13HC

# SILICONE GASKETS FOR FERRULES



11/2"	60GASKET112SILI
2"	60GASKET2SILI
21/2"	60GASKET212SILI
3"	60GASKET3
۵"	60GASKET4



#### STAINLESS STEEL PLUMBING IS OUR BUSINESS!

CDL IS THE NUMBER 1!

OUR TEAM HAS THE EXPERTISE TO INSTALL AND REPAIR AT YOUR FACILITIES ALL YOUR STAINLESS STEEL PLUMBING NEEDS.

CALL OUR SERVICE DEPARTMENT FOR MORE INFORMATION.



#### 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		
66209005-D		
662090075-D		
662090100-D		
662090125-D		
662090150-D		
662090200-D		
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	
1½"	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-DC
1"	662090100-DC
11/2"	662090150-DC
2"	662090200-DC
3"	662090300-DC

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



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





REDUCERS | MIPT x FIPT

NIPPLES   MIPT x MIF		MIPT x MIPT
2	•	63248
2	•	42245

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















BALL VALVES	
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 x 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
11/4" x 3/4"	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 / 1110 / 1110	
1/2"	66022
3/4"	66023
1"	66029
1¼"	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
³¼" x ¾" x 1"	63152
1" x 1" x ½"	6602401
1" x 1" x 3/4"	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
11/4" x 11/4" x 3/4"	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 3/4"	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
3½" 1"	66014
11/4"	66015
11/2"	66016
2"	63220

#### F- REDUCERS

INS x INS	
3/4" x 1/2"	66069
1" x ½"	66066
1" x ¾"	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

1/2"	66045
3/4"	66046
1"	64068
11/4"	64070
1" x ¾"	64073
11/2"	64072
2"	66666
3"	66677

INS x FIPT	
3/4" x x ½"	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

#### **ELBOWS**



	90° ELBOWS (SP x SLIP)		
11/4"	66147		
11/2"	66088152		
2"	665530		
3"	665499		
4"	63214		



90° ELBOWS (MIPT x SLIP)	
1"	631982
11/2"	66088154
2"	665527



90° ELBOWS (FIPT x SLIP)		
1"	_	631981
11/4"	W NEW	66068161
11/2"	,	66088151
2"		665532
2"x 1½"	W NEW	66068159
3"	,	665528
4"		63216



90° ELBOWS (SLIP x SLIP)	
1"	63207
11/4"	661471
1½"	66088150
2"	665526
21/2"	665543
3"	665534
4"	63203



90° ELBOWS (FIPT x FIPT)	
1/2"	63190
1"	63192
11/4"	63193
11/2"	63194



11/2"	66088160
22.5° El	BOWS (SLIP x SLIP)
11/2"	66088156
2"	665540

90° ELBOWS (SP x FIPT)



90° ELBOWS (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
11/4"	63131
11/2"	66088153
2"	665531
3"	665536
4"	63215





665529

#### **ADAPTORS**



SP x FIPT	
1"	63015
11/2"	66068154
2"	665585
3"	6606806



SLIP x INS	
1"	63011
1½"	665557
2"	6655461



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

MIPT x SP

**₩NEW** 66068160

**₩NEW** 66068158



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



11/4"

2"

#### **REDUCERS**



MIPT x FIPT	
1/2" x 1/4"	66975
3/4" x 1/4"	660777
3/4" x 1/2"	63185
1" x 1/4"	63051
1" x ½"	66973
1" x 3/4"	63050
11/4" x 1/2"	63171
1¼" x 1"	63170
1½" x ¾"	66976
1½" x 1"	66977
1½" x 1¼"	66974
2" x 3/4"	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 ¾"	66078275
2" x 1"	66078201
2" x 11/4"	66078153
2" x 1½"	66078250
3" x 2½"	660101
4" x 3"	6625475





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

SLIP x SLIP



SP x SLIP	
2" x 1"	669783
2" x 1¼"	660481
x <sup>3</sup> / <sub>4</sub> "	669787
x 1½"	662545
2" x 1½"	669795
2" x 2"	669794
x 1½"	669786
x 2"	679799
x 2½"	669796
x 2"	669788
x 3"	669778



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

#### **CONNECTORS (SLIP)**



4"	///50
1"	66452
11/2"	66098150
2"	665535
3"	668831
4"	668835



#### **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
2½"	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
11/4"	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

1"	660848HD
11/4"	660838HD
11/2"	660849HD

660848

660838

660849

660843

660842





**ADHESIVES AND TEFLON** 







Α	FusionPro tape, 2,5 cm x 3 m (1" x 10')	<b>NEW</b> 6613001
D	PVC glue, 118 ml	667055
В	PVC glue, 473 ml	667056
C	Teflon, ½" x 40' (10 m)	64100
D	Blue Monster Teflon tape ½" x 1429"	64102
Е	Pink Teflon, ½" x 260" Pink Teflon, ½" x 45' (10 m) Pink Teflon is designed for plumbing. More resistant than white Teflon.	64105
F	Grey Teflon, ½" x 260" Grey Teflon is designed for stainless steel fittings.	64106



1"

11/4"

11/2"

2"

3"

Heavy duty

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

Heavy duty stainless steel 3



11/2"	660846
2"	660847



#### **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
11/2"	6617504
2"	6617506
3"	6617507
4"	6617509



	•	•
1/2"		63100R
3/4"		63105R
1"		63110R
11/4"		63115R
11/2"		63120R
2"		63125R
3"		63128R

BALL VALVES HEAVY DUTY (FIPT)

#### **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 INS)		
3/4"	66177075	
1"	66177100	



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



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

3-WAY VALVES (STANDARD)		
3/4"		71076W
1"		71077W

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

11/2"

2"



FIPT x FIPT	
1"	6618100
11/2"	6618101
2"	6618102

SLIP x SLIP CLEAR PVC

6607112

660702



	SLIP
1"	6618103
1½"	6618104
2"	6618105

#### **CHECK VALVES**



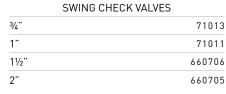
3"	660703
FIF	T x FIPT CLEAR PVC
1/2"	660712
3/4"	660734
1"	660701
11/4"	660714
11/2"	660715
2"	660716





FIPT x FIPT

3/4"





660731

660733 660711

\*Price per foot

\*Price per foot

#### **PVC RIGID PIPES**

#### \*Price by foot



Sold in 10' length



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**

Not approved food grade

#### 1" 6645101 11/2" 6645001 2" 6645002 3" 6645003

#### **PVC STRAPS**



1"	667401
11/4"	667413
11/2"	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

#### FLEXIBLE HIGH PRESSURE



3/4"	66243
1"	6600400
11/4"	6600500
11/2"	66006099200
2"	661491

100 PSI and more (pressure) For pressure pumps

660030012001
660040012001

1/4" CLEAR THICK WALL

1" 11/4" 660050992001 11/2" 660060992001 2" 66149

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

## ONLY AVAILABLE

#### **GREEN FLEXIBLE**



1"	620610
11/4"	620612
11/2"	620615
2"	620620
3"	62030
4"	620640

#### 1/4"POLYETHYLENE TUBING

**RUBBER COUPLINGS** 

3/4"

\*Price per foot



**AND CLAMPS** 

	1/4"POLYETHYLENE	
1/4"		661415

#### **HOSES FOR FILTER PRESSES** \*Price per foot





٨	Clear 5/8"	6600210
A	Clear 1"	6600110

5/8" High temperature high pressure

66285

0001	LINOS
1¼"	66094
11/2"	669050
2"	669051
3"	669058
4"	669060

COLIDI INGS

#### **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.

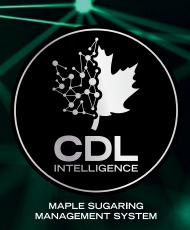
Choosing CDL Intelligence means choosing a simple, reliable, and stable system that will help you:

- > 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

- > Notifications 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

## WISEMESH



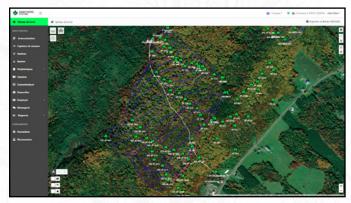
**SMART MAPLE PRODUCTION NETWORK** 

## 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. Batteries recharged by solar power.

SE100-V

#### Vacuum sensor (double)

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

Batteries recharged by solar power.

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)

21072

#### **INTERFACE**

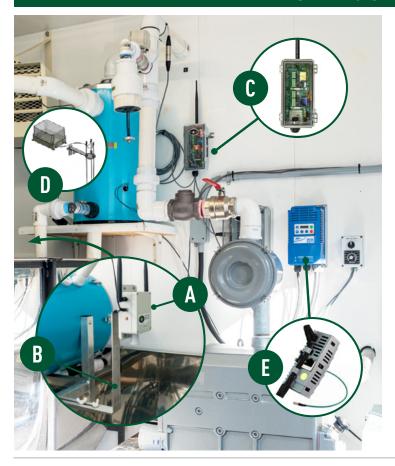
#### CDL Control base

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





#### **PUMPING STATION**



#### Tank level sensor

See the levels of sap or concentrate remotely, in real time. You can also receive alerts when the water or concentrate reaches a certain level.

SA100-HT

#### Tank level sensor holder

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

21120

#### Multifonction controller (in/out)

Includes two inputs and two outputs.

Allows for max 240 V/10 A valve modulation and/or dry-contact on/off.

SE200-M2

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 manage RPM based on the outdoor temperature.

21206

#### **PUMP SAFETY MODULE**



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

Safety box for local booster water pump only

521252

Safety box for local booster water pump + monitoring

521256

## ESSENTIAL FOR YOUR WATER PUMPS PROTECTION

Pump safety module that can easily be integrated to CDL Intelligence maple sugaring management system.

Emergency stop water pump within seconds when desired parameters are not met (minimum pressure, maximum pressure).

Linked with CDL Intelligence, the system will send an alert on your cell phone if a problem occurs.

Operator is also able to consult remotely the status of any pump systems.

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

#### **TESTIMONIAL**

Over the years, we've had several problems with backflow and mechanical pumps burning out in the spring. The CDL pump safety module quickly lets us know about backup and pressure issues by sending a notification to our phones if the pressure is too high or too low. It lets us diagnose the problem right away and saves us a lot of time and money. It even let me fix a major underground break last year. It paid for itself within a year, and I've installed them in each of my 8 pumping stations.»

- Maxime Poulin,

GOLD SUGAR BUSH INC. - Seboomook Lake, Maine - 92,000 taps



CDL cdlinc.ca | cdlusa.com

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



#### NANO CDL CELLULAR SURVEILLANCE SYSTEM

With the NANO CDL cellular surveillance system, control remotely your vacuum pump through your smart cell phone.

Eliminate useless steps and revenue losses with this affordable new product!



Compatible with every 120 Volts AC vacuum pumps. Possibility to add a 24 Volt AC relay for other types of pumps.

#### The NANO CDL system can manage:

- > Start/Stop pump
  - > Manual
  - > Temperature activation
- > Outside temperature readout with calibration at 32°C and 212°C for better accuracy.
- > Real time vacuum readout
- Tank level warning and automatic turn off
- Automatic and off-site program updates
- LTE network
- Requires cellular coverage by one of these suppliers:
  - > Canada: Rogers, Bell, Telus
  - > USA: AT&T, T-Mobile

#### About the app.:

- > Android or Apple
- > Can manage one or many NANO CDL
- Operation and configuration easy to manage
- > Notifications on your smart phone
- > Multi-users with 3 different access levels
  - > Visualize: To see information and receive alarms
  - > Control: Visualize + modify and control parameters
  - > Admin: Control + manage users

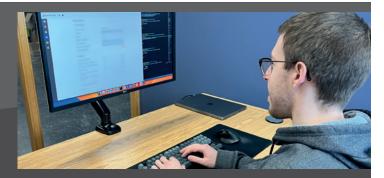
21090-NANO

SPECIAL INTRODUCTORY PRICE.

**FIND OUT ABOUT IT!** 

**Check on the packages offered by CDL!** 

**Remote support and** installation services throughout the USA and Canada for peace of mind.





#### **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.
- Important: This type of flowmeter cannot be used on the outlets of vaccum extractors. Ideally, these flowmeters should be used at the outlet of a vacuumless transfer pump.
- > Maximum pressure 150 psi.
- > Easily connects to the CDL Intelligence system (monitoring).

1" RS-485 MESH 210100U 1-1/2" RS-485 MESH 210150U 2" RS-485 MESH 210200U 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	210300



#### **MOTORIZED VALVES**

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

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



## 4.0 MEGAPIXEL PAN & TILT WIRELESS IP CAMERA

## EASILY FOLLOW REMOTELY THE KEY OPERATIONS OF YOU SUGARBUSH

#### **AVAILABLE NOW!**



## AFFORDABLE, STYLISH, INTUITIVE, EASY SET UP!

Unpack, install and configure your camera YOURSELF without any technician in LESS THAN 5 MINUTES.
Thanks to the integrated step-by-step voice assistant!

#### Operates using the CDL Intelligence app.

- > Very good value for money
- > Easy to install
- > Day and night vision covering up to 33 feet
- > Remotely tiltable panoramic field: wide angle over 355 degrees horizontally and 120 degrees vertically
- > Programming of 16 predefined positions
- > 13 infrared LED lights
- Works with either ethernet or 2.4/5GHz Dual-Band WiFi networks



24-739 GPM

#### **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:

- > Multi-user management, with different levels of access:
  - > Visualization of cameras
  - > Equipment control
  - > Access to production reports
  - > Access controlled by employees
- > 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

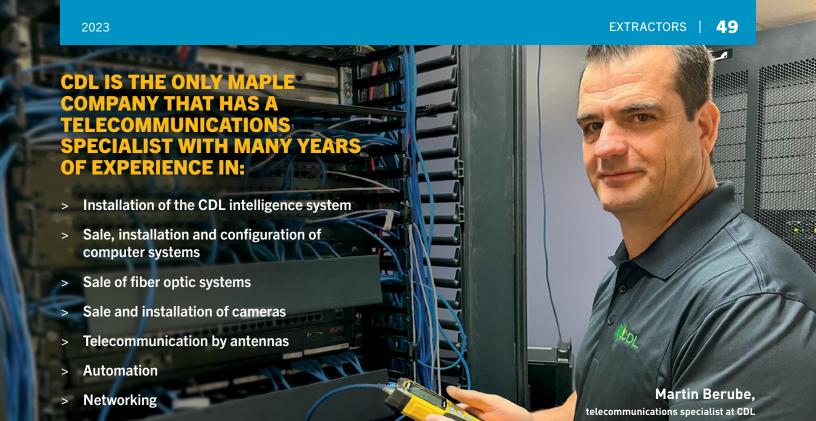
#### FROM THE MOBILE APP:

- > 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.





#### HORIZONTAL EXTRACTORS WITH SUBMERSIBLE PUMP

#### **ADVANTAGES**

- > 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;
- > Solves the sap extraction problems caused by pumping at high vacuum;
- > No float, extremely reliable;
- > Straight sap entry;
- > Pump within or outside of the pumping station (2 available options);
- Now pre-tapped to receive the self-cleaning sprinkler in option – 72000201
- > On request configuration to pump within the pumping station or outside

		INLETS	CAPACITY AT 27" HG	
18" x 48"	1/2 HP	10 x 2"	3,500 taps	204820ES
18" x 48" 🐴	1 x 2 HP Low pressure	10 x 2"	12,500 taps	204820ES2LP
18" x 48" 🐴	2 x 2 HP Low pressure	10 x 2"	25,000 taps	204820ES2DLP
18" x 60" 🐴	3 x 2 HP Low pressure	10 x 2"	37,500 taps	206020ES3LP
18" x 60" 🔨	4 x 2 HP Low pressure	10 x 2"	50,000 taps	206020ES4LP

Pressure gauge not included

: AVAILABLE IN 3 PHASES 208V, 460V AND 575V (CANADA ONLY).





The electrical box may differ from picture. The specified measurement is the distance between the base of the extractor and the center of water entry.

## OFTEN COPIED,

NEVER EQUALLED!

50 | EXTRACTORS 2023

#### **LOW HORIZONTAL EXTRACTORS**

#### **ADVANTAGES**

- > Very low (only 24" from the ground);
- > 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;
- > Solves the sap extraction problems caused by pumping at high vacuum.
- > Highly reliable, floatless design;
- > Angled sap entry;
- > Now pre-tapped to receive the self-cleaning sprinkler in option 72000201
- > Drains with a check valve so it empties by itself 662482



The electrical box may differ from picture.

#### Submersible conversion kits available.



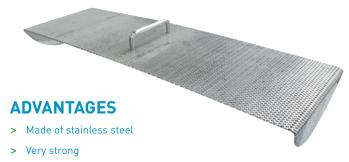
INLETS CAPACITY AT 27" HG 12" x 24" 1/2 HP (120V) 6 x 1" 2,400 taps 1224ES 18" x 36" 1/2 HP (240V) 8 x 1-1/2" 3,500 taps 1836ES 18" x 36" 🐴 1-1/2 HP 8 x 1-1/2" 7,500 taps 1836ES15 1 x 2 HP 18" x 48" 🐴 8 x 2" 12,500 taps 2048ES2LP Low pressure 2 x 2 HP 18" x 48" 🐴 2048ES2DLP 8 x 2" 25,000 taps Low pressure

Pressure gauge not included

#### : AVAILABLE IN 3 PHASES 208V, 460V ET 575V (CANADA ONLY).



#### **EXTRACTOR GRID**

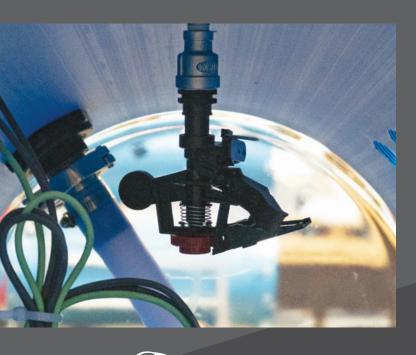


> Can be installed on extractors already in place.

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

18" x 36" 18" x 48" 18" x 60" 7200098A 7200099A 7200089A





360° cleaning efficiency

\* Requires external pump and plumbing (not included).

## DID YOU KNOW?

**ALL THE SUBMERSIBLE EXTRACTORS WITH** 18" DIAMETER RESERVOIRS ARE NOW PRE-TAPPED TO BE ABLE TO INSTALL THE CDL SELF-CLEANING SPRINKLER KIT!



Sprinkler kit for pre-tapped extractors. 72000201

Sprinkler kit for untapped extractors (old generation) or extractors from other manufacturers.

72000200

Contact our specialists for more details!

Assembly required.

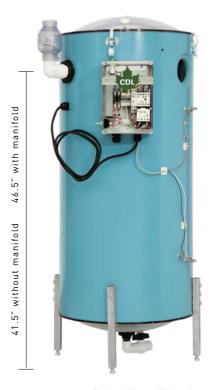
#### **VERTICAL EXTRACTORS WITH SUBMERSIBLE PUMP**

#### **ADVANTAGES**

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

		Without manifold (Not drilled)	With manifold (Not drilled)	With manifold (Pre-drilled)*
18" x 40"	1/2 HP	2036ES	203608ES-NP	203608ES
18" x 40"	1-1/2 HP	2036ES2 With converter	203608ES2-NP	203608ES2
18" x 40"	2 x 1/2 HP	2036ESD	203608ESD-NP	203608ESD
18" x 40"	2 x 1-1/2 HP	2036ES2D With converter	203608ES2D-NP	203608ES2D





The electrical box may differ from picture.

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



<sup>\*</sup> Now pre-tapped to receive the self-cleaning sprinkler in option – 72000201

**52** | EXTRACTORS 2023

#### **MECHANICAL EXTRACTORS**



INLETS

12" x 12" 4 x 1-1/2" 750 taps

121208



4 x 1-1/2" 2 x 1" 3,000 taps 20"

INLETS

12" x 24" 8 x 1-1/2" 4,000 taps

122408

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 float;
- > Openings at both extremities for easy cleaning;

121808

- Non bonded, dismountable cylinder.
- > Straight entry into the manifold;
- Now pre-tapped to receive the self-cleaning sprinkler in option 72000201

INLETS

18" x 24" Manifold 12" x 26 low 8 x 1-1/2" 12,000 taps 202612

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

Battery option for autonomy in the event of a power failure



#### **MOISTURE TRAPS**



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

#### 662641P Snaps D-2000 folded



**REPAIR PARTS** 

Hinge and spring kit for extractors

662481



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



Pressure gauge included

7		
Y		T
	1	
	CDL	

Pressure gauge included

HORIZONTAL		VERTICAL
8" x 24"	722408	12" x 18" 72121
12" x 24"	722412	12" x 24" 72122
12" x 36"	723612	
18" x 36"	723618	

#### **SAP LIFTERS**





Simple sap filter 300 taps 73015





## CDL **HIGH VACUUM** SAP LIFTER KIT

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

#### **SCAN TO SEE THE VIDEO**



bit.ly/cdlvideos

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.

- Access the inside through a small or a large door in the front
- Continuous heating to prevent freezing
- Mainlines entry completely reversible

#### **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)



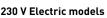
#### **AVAILABLE MODELS:**



#### 12 V solar model

200 to 700 taps\*. Heating with a safe propane pilot (propane tank not included).

73800012V1P



Heating with a ceramic heating element (75W 220-240V).

From 300	From 600
to 1,000 taps*	to 2,000 taps*
1 pump	2 pumps
7380002301P	7380002302P



From 275 to 875 taps\* 2 pumps 280 GPH in series 7380002302P-HP

#### **TESTIMONIAL**

I use the sap lifter throughout the entire season for my 400 taps where it's harder to get sap because of the incline. I enjoy working with my elevator. It doesn't freeze, it's easy to use, and it only needs propane for heating. Plus, its submersible pump barely lowers my vacuum compared to my old model, which backed up all my front lines.

I used to have to go check my lifter every morning to make sure it wasn't flooded. Now I don't have to go as often. I just have to go when I have a minute to make sure there's enough propane.

The much more efficient system means I save time and money every spring. For me, this investment was a must-have as soon as it was put on the market and I don't regret it one bit. I've been using it for three springs now.»

Annick Godbout.

FERME F.A. GODBOUT INC. - Saint-Gervais, Quebec - 5,000 taps



<sup>\*</sup> Depending on the model of your application, the discharge height, the level of vacuum and the model chosen.

## 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:
  - + \$9 625 (\$7 000 USD) of revenue / year for 5,000 taps
  - + \$19 200 (\$14 000 USD) of revenue / year for 10,000 taps
  - + \$57 750 (\$42 000 USD) of revenue / year for 30,000 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 ma		
1 HP 208-460V	3PH	(650 taps)	58020G11HP
1 HP 575V (Canada only)	3PH	(650 taps)	58020G51HP
1.5 HP 575V (Canada only)	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 (Canada only)	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 (Canada only)	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 (Canada only)	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 (Canada only)	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 (Canada only)	3PH	(8 300 taps)	58200G57.5HP
10 HP 575V (Canada only)	3PH	(11 300 taps)	58250G510HP
10 HP 208-460V	3PH	(11 300 taps)	58250G110HP
10 HP 208-460V * Available upon request.	3PH	(11 700 taps)	58300G110HP*
15 HP 208-460V	3PH	(11 700 taps)	58300G115HP

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

Available from 0.5HP to 10HP, single or 3 phase motor Available in 208-460V, 240V and 575V (Canada only)





#### **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!





#### **DRY SCREW VACUUM PUMPS**

#### **ADVANTAGES**

- > Very performant and stable
- 100% oil-free pump with a design that complies with regulatory hygiene principles, for risk-free food safety
- Robust design with corrosion free materials
- Air-cooled without oil or water allowing operation at low vacuum without damaging the pump
- Zero friction, minimizing amperage required for consistent efficiency
- Principle of dry and robust screw very resistant to the ingestion of liquids
- Withstands water vapor (moisture) just as much as liquid water, so no need for a moisture trap
- Simplicity of installation and operation
- Reduced maintenance requirements
- Reduced noise level, silent operation without rattling or high-pitched noise
- 230/460 volt three-phase motor



065 2HP 208V	3PH	57065G12HP
100 3HP 208V	3PH	57100G13HP
160 4HP 208V	3PH	57160G14HP
200 5.5HP 208V	3PH	57200G15.5HP
065 2HP 460V	3PH	57065G62HP
100 3HP 460V	3PH	57100G63HP
160 4HP 460V	3PH	57160G64HP
200 5.5HP 460V	3PH	57200G65.5HP

#### **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:**

- → 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 vacuum pump 5 HP to 10 HP

6660200

Board for control panel

6660200PA

Plumbing not included.

Moisture trap support

6660200SU



#### **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 79.

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 60-amp hour batteries. Battery not included.	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 for use in a heated room (cannot freeze)

5 HP 208/460V	3PH	(4,000 taps)	5845008G15HP
5 HP 230V	1PH	(4,000 taps)	5845008G45HP
5 HP 575V (Canada only)	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 (Canada only)	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 (Canada only)	3PH	(8,000 taps)	5845316G510HP

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





575V

230V

#### **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**



			CANADA ONLY
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

120V

#### **AUTOMATIC STARTERS**







1	Temperature controlled automatic starter	669375

Manual adjustment kit for converter

GRD1632

68100

#### **VACUUM REGULATOR**

Vacuum transmitter probe



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

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

Glycerin Spressure

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)



**220V** 

OTHER VOLTAGES AVAILABLE UPON REQUEST

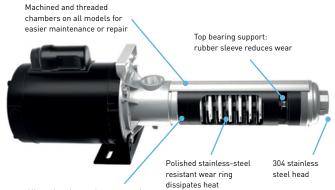
#### GOULD PUMPS NPE SERIES

3/4 HP	1 st	669003
1 HP	1 st	669000
1-1/2 HP	1 st	669001
2 HP	1 st	669006
3 HP	1 st	669007
2 HP	2 st	669020
3 HP	2 st	669021
5 HP	2 st	669015
2 HP	3 st	669024
3 HP	3 st	669022
5 HP	3 st	669042

1 st :	
Water inlet 11/4"	
Water outlet 1"	
/O CDM	

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.



Ultra-abrasion-resistant wear rings with a separate bearing at each stage will reduce pressure loss



#### POMPCO PUMPS PXP SERIES - 230V 1 PHASE

6 GPM 1 HP	66PXP06G41HP-1	25 GPM	1 HP	66PXP25G41HP-1
10 GPM 1 HP	66PXP10G41HP-1	25 GPM	2 HP	66PXP25G42HP-1
10 GPM 2 HP	66PXP10G42HP-1	25 GPM	3 HP	66PXP25G43HP-1
10 GPM 3 HP	66PXP10G43HP-1	35 GPM	2 HP	66PXP35G42HP-1
15 GPM 1 HP	66PXP15G41HP-1	35 GPM	3 HP	66PXP35G43HP-1
15 GPM 2 HP	66PXP15G42HP-1	35 GPM	5 HP	66PXP35G45HP-1
15 GPM 3 HP	66PXP15G43HP-1	50 GPM	3 HP	66PXP50G43HP-1
		50 GPM	5 HP	66PXP50G45HP-1

## OTHER VOLTAGES AVAILABLE PLEASE CONTACT YOUR CDL STORE



Goulds pumps also available. Contact us for more details.



## 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'

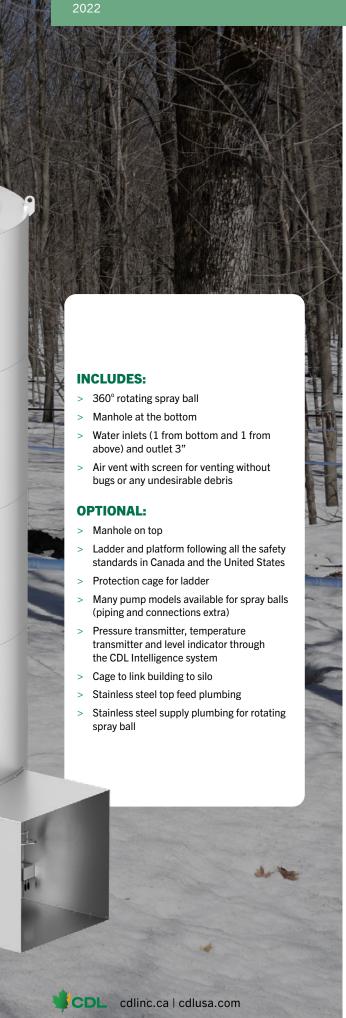








2022 TRANSPORT TANKS | **61** 





## TRANSPORT TANKS

TRANSPORTING YOUR WATER FROM ONE SITE TO ANOTHER HAS NEVER BEEN EASIER AND SAFER!



Heavy-duty, made of 304 stainless steel

#### **INCLUDES:**

> 1x 3" inlet > 1x 3" outlet

> Lifting anchors

#### **OPTIONAL:**

> Water level

> Ladder

> Single wash ball

> Double wash ball

	INSPECTION HOLE	ANTI-WAVE SEPARATION		
500 gal US	8"			66TR500
1 000 gal US	24"			66TR1000
1 900 gal US	24"		<b>₩</b> NEW	66TR1900
3 000 gal US	24"			66TR3000
3 800 gal US	24"	<b>Ø</b>		66TR3800

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## 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



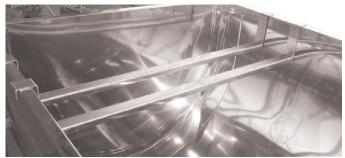
#### **EXTRACTOR SUPPORTS**

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 - footing



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
	2"	7' rod	**NEW	6781237
	3"	7' rod	671	воисн37

#### **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**

#### FOR PLASTIC TANKS



1/2"	RA5012
3/4"	RA5032P
1"	RA5034P
1-1/4"	RA5036P
1-1/2"	RA50309P
2"	RA5042P
3"	RA5454P

#### FOR STAINLESS STEEL TANKS



1-1/4"	668673
1-1/4"	66867
2"	448472





#### **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

	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

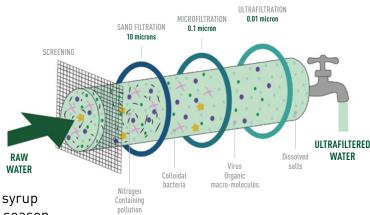
Be a part of the next innovation in maple sugaring



## 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



## 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 730420 Stainless steel floor fixation for pH treatement 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



## 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

### 3 membrane model with recirculation

81013R

- > Ideal for 50 to 150 taps
- > 10 to 13 GPH
- > Concentration up to 6 Brix
- > Recirculation pump to maintain performance longer

#### **Replacement parts:**

- > 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







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## REMOTELY CONTROL

YOUR CURRENT RO FOR AN AFFORDABLE COST!

Add an affordable module to control your current system at your fingertips, no matter which model you have or which company it's from.

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 pressure
- > Read permeate or concentrate flow rate
- > Read incoming and outgoing Brix
- > Read temperature

## It's a small investment and simple to use!

It's even available for mini ROs! Contact our team to upgrade your current equipment and make your life easier!



		10 Sept. 10 10 10 10 10 10 10 10 10 10 10 10 10
FENDEUSE CLASSIQUE	MAIN FEATURES	FENDEUSE DELUXE
500 À 1500 GPH	GALLON	500 À 3600 GPH
STAINLESS STEEL	MAIN UNIT	STAINLESS STEEL
NO	FINISHING COVERING IN STAINLESS STEEL	YES
PLASTIC	BOOSTER PUMPS	STAINLESS STEEL
1	MAXIMUM NUMBER OF PUMPS PRESSURE (TURBINES)	2
5 HP 7,5 HP	HP FORCES OF PUMPS PRESSURE (TURBINES)	5 HP 7,5 HP
1 X 5 HP 1 X 7,5 HP	POSSIBLE COMBINATIONS FOR PRESSURE PUMPS (TURBINES)	1 X 5 HP 1 X 7,5 HP 2 X 5 HP 1 X 5 HP + 1 X 7,5 HP 2 X 7,5 HP
2	MAXIMUM NUMBER OF 20" PREFILTERS	3
3 VERTICALS	MAXIMUM NUMBER OF MEMBRANES (POSTS)	1 TO 2 VERTICALS 3 TO 8 ON RO POST CART
YES	POSITIVE RECIRCULATION SYSTEM	YES
YES	SUBMERSIBLE MOTOR MAINTENANCE FREE	YES
YES	HIGH PROTECTION TEMPERATURE AND LACK OF WATER	YES
15 BRIX	MAXIMUM CONCENTRATE BRIX IN ONE PASS	30 BRIX

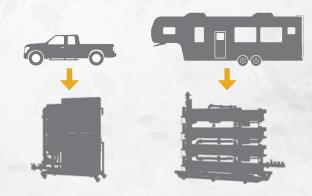
# CDL IS THE ONLY ONE IN THE INDUSTRY TO ALLOW YOU TO CONFIGURE YOUR CONCENTRATOR THANKS TO ITS NEW 100% MODULAR FAMILY!

#### **NOTHING IS EASIER!**

## CHOOSE FROM OUR 6 MAIN UNITS AND OUR 24 RO POST CARTS AVAILABLE!

This flexibility in configuration will allow you to meet the current and future needs of your sugarbush while respecting your budget! Your concentrator will be scalable even when adding taps.

Let's make a comparison with recreational vehicles. Our competitors offer motorhomes, while at CDL, we now offer you the possibility of choosing your truck (main unit) and your "fifth wheel" (RO post cart)!



By continuing with this comparison, you can:

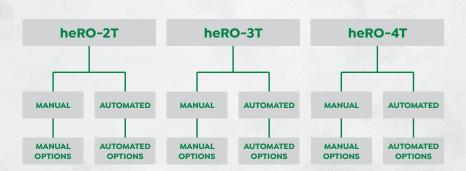
- Get a new main unit and a new RO post cart;
- Keep your current head unit and change your RO post cart;
- Change your main unit and keep your current RO post cart.



Main unit and its components

Standard (manual) or Intelligent (automated) model

Options as needed



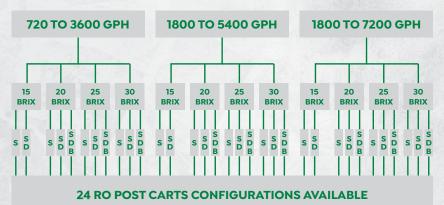


Desired maximum gallons

Concentrate max Brix

Combination of membranes

Final number of membranes



S: Singles only | S+D: Singles + Doubles | S+D+B: Singles + Doubles + Boosters (booster pumps)



70 | REVERSE OSMOSIS 2023

## NEW hero-2T CDL CONCENTRATORS: NOW 100% MODULAR!

Available in STANDARD (manual) or INTELLIGENT (automated) models

**Photo: Model heRO-2T Intelligent** 



Model appearance may vary.

## FROM 720 TO 1500 GP:

CONCENTRATE
FROM 1.5 BRIX TO
30 BRIX IN ONE PASS,
EVEN AT THE END OF
THE SEASON!

- Stainless steel pressure pumps (turbines)
- Positive recirculation system that allows operation for several hours without loss of performance.
   This unique system extends the life of the membranes.
- Posts: Very reliable maintenance-free submersible motors for over 15 years
- > High and low pressure protection
- High temperature protection



2023 REVERSE OSMOSIS | **71** 

#### **AUTOMATED MANUEL** REMOTELY CONTROL INCLUDED **OPTIONAL** INCLUDED OPTIONAL Maple water tank supply control Permeate tank feed control **VALVE MANAGEMENT** Ø Wash tank valve supply control Wash tank drain control Concentration valve control Pressure valve control Concentrate outlet valve control Permeate outlet valve control Brix reading (input and/or output) Digital readout of concentrate flow Digital readout of permeate flow Visualization of the sap tank level ACCESSORIES Visualization of the permeate tank level Visualization of concentrate level Conductivity reading pH reading Soap pump Acid pump Brix control Rinse after wash Desugaring after concentration igoremsizeRepetitive hot water loop Preventive management of membrane clogging Washing management according to the permeability test (PWP) in regards of the biological standards Washing pH control management pH neutralization

#### heRO INTELLIGENT VS REMOTE CONTROL



If your model is Intelligent, you will automate and manage 100% remotely all the features of your concentrator according to the defined parameters.

If your model is Manual, you can add control modules that allow you to perform certain functions remotely. However, this does not make it intelligent; you will therefore have to perform the actions one after the other through the interface. This will require supervision.

	MAIN UNIT
	FEED PUMPS
	1 x 2 HP
	1 x 3 HP
	1 x 5 HP
	PRESSURE PUMPS (TURBINES)
N. P. P. M. B.	1 x 5 HP-Eco
	1 x 5 HP
	1 x 7,5 HP
NIC	2 x 7,5 HP
SEATTLE S	FILTRATION
	2 single 20" pre-filters
	4 single 20'' pre-filters
O MARKET STATE	1 multi-cartridge (equivalent to 1 x 5 20'' pre-filters)
有四個問題	2 multi-cartridges (equivalent to 2 x 5 20'' pre-filters)

#### **RO POST CART**

#### NUMBER OF POSTS AND MEMBRANES

1 to 10 posts and membranes

#### **POST AND MEMBRANE CONFIGURATIONS**

Single membranes = 15 Brix max

Single membranes + booster pump = 30 Brix max

Single + double membranes = 15 Brix max

Single + double membranes + booster pump = 30 Brix max

**72** REVERSE OSMOSIS 2023

## **NEW hero-3T CDL CONCENTRATORS: NOW 100% MODULAR!**

Available in STANDARD (manual) or **INTELLIGENT (automated) models** 



Model appearance may vary.

CONCENTRATE FROM 1.5 BRIX TO **30 BRIX IN ONE PASS, EVEN AT THE END OF** THE SEASON!

- Stainless steel pressure pumps (turbines)
- Positive recirculation system that allows operation for several hours without loss of performance. This unique system extends the life of the membranes.
- Posts: Very reliable maintenance-free submersible motors for over 15 years
- High and low pressure protection
- High temperature protection



### **AUTOMATED MANUEL** REMOTELY CONTROL **OPTIONAL** NCLUDED NCLUDED OPTIONAL Maple water tank supply control Permeate tank feed control **VALVE MANAGEMENT** Wash tank valve supply control Wash tank drain control Concentration valve control Pressure valve control Concentrate outlet valve control Permeate outlet valve control Brix reading (input and/or output) Digital readout of concentrate flow Digital readout of permeate flow Visualization of the sap tank level ACCESSORIES Visualization of the permeate tank level Visualization of concentrate level Conductivity reading pH reading Soap pump Acid pump Brix control Rinse after wash Desugaring after concentration Repetitive hot water loop Preventive management of membrane clogging Washing management according to the permeability test (PWP) in regards of the biological standards Washing pH control management pH neutralization

### heRO INTELLIGENT VS REMOTE CONTROL



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If your model is Manual, you can add control modules that allow you to perform certain functions remotely. However, this does not make it intelligent; you will therefore have to perform the actions one after the other through the interface. This will require supervision.

### MAIN UNIT

### **FEED PUMPS**

1 x 3 HP

1 x 5 HP

1 x 7,5 HP

### **PRESSURE PUMPS (TURBINES)**

1 x 7,5 HP

2 x 7,5 HP

3 x 7,5 HP

### **FILTRATION**

1 multi-cartridge (equivalent to 1 x 5 20" pre-filters)

2 multi-cartridges (equivalent to 2 x 5 20" pre-filters)

### **RO POST CART**

### **NUMBER OF POSTS AND MEMBRANES**

4 to 16 posts and membranes

### **POST AND MEMBRANE CONFIGURATIONS**

Single membranes = 15 Brix max

Single membranes + booster pump = 30 Brix max

Single + double membranes = 15 Brix max

Single + double membranes + booster pump = 30 Brix max

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# NEW hero-4T CDL CONCENTRATORS: NOW 100% MODULAR!



Model appearance may vary.

### FROM 1800 100 1/200 GP.

CONCENTRATE
FROM 1.5 BRIX TO
30 BRIX IN ONE PASS,
EVEN AT THE END OF
THE SEASON!

- Stainless steel pressure pumps (turbines)
- Positive recirculation system that allows operation for several hours without loss of performance.
   This unique system extends the life of the membranes.
- Posts: Very reliable maintenance-free submersible motors for over 15 years
- > High and low pressure protection
- High temperature protection



### **AUTOMATED MANUEL** REMOTELY CONTROL **OPTIONAL** INCLUDED INCLUDED OPTIONAL Maple water tank supply control Permeate tank feed control **VALVE MANAGEMENT** Wash tank valve supply control Wash tank drain control Concentration valve control Pressure valve control Concentrate outlet valve control Permeate outlet valve control Brix reading (input and/or output) Digital readout of concentrate flow Digital readout of permeate flow Visualization of the sap tank level ACCESSORIES Visualization of the permeate tank level Visualization of concentrate level Conductivity reading pH reading Soap pump Acid pump Brix control Rinse after wash Desugaring after concentration igoremsizeRepetitive hot water loop Preventive management of membrane clogging Washing management according to the permeability test (PWP) in regards of the biological standards Washing pH control management pH neutralization

# heRO INTELLIGENT VS REMOTE CONTROL



If your model is Intelligent, you will automate and manage 100% remotely all the features of your concentrator according to the defined parameters.

If your model is Manual, you can add control modules that allow you to perform certain functions remotely. However, this does not make it intelligent; you will therefore have to perform the actions one after the other through the interface. This will require supervision.

	MAIN UNIT
	FEED PUMPS
Mr. William	1 x 7,5 HP
STATE STATE OF	2 x 7,5 HP
	PRESSURE PUMPS (TURBINES)
02202000	1 x 7,5 HP
	2 x 7,5 HP
	3 x 7,5 HP
A circle PMAN.	4 x 7,5 HP
INCORPAGE AND	FILTRATION
STREET, STREET	1 multi-cartridge (equivalent to 1 x 5 20" pre-filters)
FEC. 16. 24	2 multi-cartridges (equivalent to 2 x 5 20'' pre-filters)

### **RO POST CART**

4 multi-cartridges (equivalent to 2 x 5 20" pre-filters)

### **NUMBER OF POSTS AND MEMBRANES**

4 to 21 posts and membranes

### POST AND MEMBRANE CONFIGURATIONS

Single membranes = 15 Brix max

Single membranes + booster pump = 30 Brix max

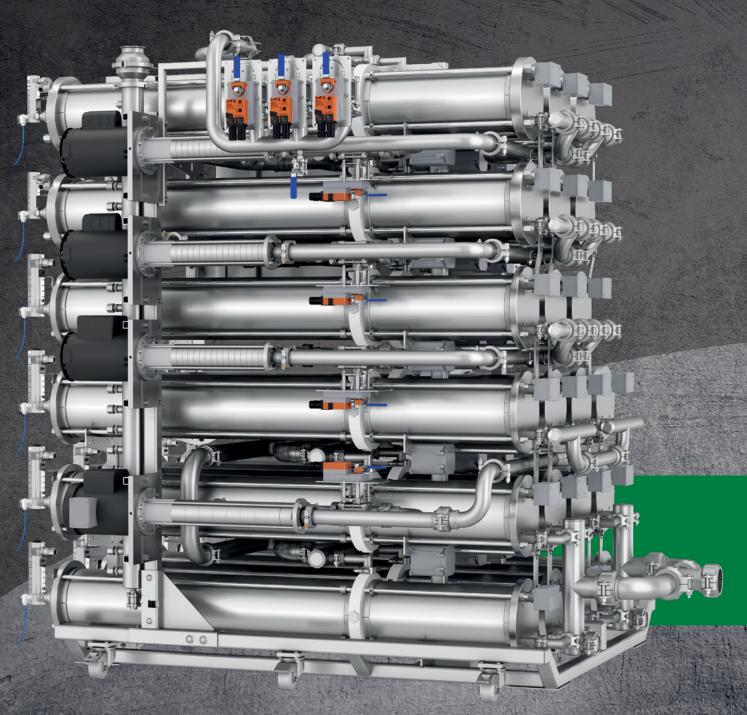
Single + double membranes = 15 Brix max

Single + double membranes + booster pump = 30 Brix max

**76** | 2.0 CDL RO POST CART 2023

# 2.0 CDL RO POST CART

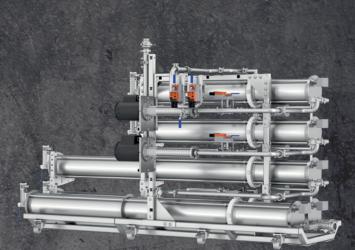
24 RO POST CARTS
CONFIGURATIONS AVAILABLE. CONTACT US!



Example above: Intelligent RO post cart with 21 single posts

### **ADVANTAGES**

- All stainless steel plumbing
- High flow rate rinsing
- Drainage of the whole cart by gravity (optional)
- > Modular, possibility to add membranes over time according to your needs.
- Simplified addition of membranes
- Available in manual or automated model
- Individual flow meter at the end of each membrane for faster diagnosis
- > On casters to facilitate movement and/or installation of the membranes
- Easy addition of booster pumps
- High-speed wash

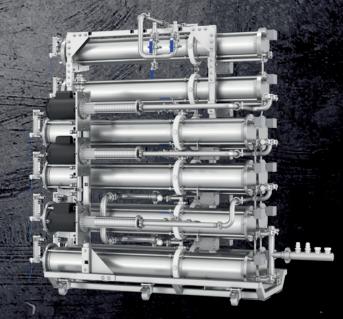


Example above: Manual RO post cart with 4 single posts

Example above: Intelligent RO post cart with 2 single posts and 3 double posts

Buy a bigger RO post cart to better plan your future expansion.

You will only need to add the additional posts and membranes over time.



Example above: Manual RO post cart with 10 single posts



### 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. 9-7/8"	6682101
Pre-filter cartridge 5 mic. 20"	66821
10" synthetic filter	







6-1/2" plexiglass cover	66270
10" filtration bag 6-1/2"x16"	EVBAG100
20" filtration bag 6-1/2"x32"	EVBAG200





6682101

### **MISCELLANEOUS**

沙蘭	Food grade o-ring grease   6 g	66531
	Food grade o-ring grease   150 g	66535
$\bigcirc$	Wrench for blue filter	662283
Mrotwow!	10 GPM Bluewhite flowmeter	661042
	1/4" NPT valve x Tube 90°	6622312
	4" membrane U-cup	66402

8" membrane U-cup

cdlinc.ca | cdlusa.com

66401

30" filtration bag

6-1/2"x30"

### **CLEANING AND STORAGE SOLUTIONS**



# TRUST THE CDL BRAND FOR CLEANING AND STORAGE SOLUTIONS.

### **QUALITY. EFFICIENCY.**

### **MEASURING INSTRUMENTS**



pH 0-2,5 Papers 50/pkg

668802

pH 10-13 Papers 50/pkg

668813



Calibration solution pH 10 500 ml

718866



Calibration solution pH 4 500 ml

718865



PH tester 665514



Portable 718856 conductivity tester



Heating element 3 000 W - 240 V

66493



Temperature control

669371

665050



Ε









A Citric acid 1 kg (powder) 66994

Organic membrane soap
"Superflow green"
2 kg (powder)



IIII

662404

Citric acid 20 L (liquid) 6699420

Organic soap
"Superflow green"
22.7 kg (powder)



B Superflow soap 1 kg (powder) 6624909

H Peracetic cleaner 66298

C Superflow soap 20 kg (powder)

66239 Storage solution 80000

Organic soap
"Superflow green"
4L (Liquid)

1 kg (powder)



662403

50/50 Glycol 88020

Organic membrane soap
"Superflow green"



### **FILTERS**



1-1/2" line filter + 24-micron cartridge	6615024
1-1/2" 24-micron filter cartridge only	660024
1-1/2" line filter only	6615024K
2" line filter + 24-micron cartridge	6620604
2" 24-micron filter cartridge only	660025
2" line filter only	6620604K
20" complete blue f	445050



ilter housing

A WIND OF CHANGE IS BLOWING THROUGH THE MAPLE SYRUP INDUSTRY! GET OUR BRAND NEW 100% ELECTRIC AND AUTOMATED EVAPORATOR:





### 100% electric and automated:

- Preheating with product recirculation
- Automatic steam compressor activation
- Evaporation with continuous concentrate feed and syrup output
- 100% sugar recuperation (desugaring)
- Automatic wash & rinse (no more scrubbing)
- **✓** Unmatched energy efficiency
- Works on renewable energy
- Contains a very small volume of syrup when compared to traditional evaporators

The Master-E evaporator is a new concept in the maple industry.

The Master-E combines electric energy with the high efficiency of steam compression while evaporating under vacuum.

### **GRANTS**

Government energy saving grants may be available in your state or province for the purchase of high efficiency energy saving electric evaporators!





The concentrate is preheated before the evaporation stage. The preheating stage is quick due to low liquid volume contained in the evaporator. A small electric steam generator generates the necessary heat. Once proper liquid temperature is reached, the steam compressor is automatically activated, steam pressure and temperature rise and generate evaporation. After a few minutes, when liquid temperature has stabilized the boiler shuts off and doesn't come on again. Necessary heat is only produced by compression of the liquid evaporation vapors.

Heat from condensate is transferred to cold sap feed and nearly all the energy is recuperated. Cold condensate output from plate heat exchanger is discarded to drain.

No evaporator on the market can match the efficiency of the Master-E!

### INSTALLATION

- Compact design. No smoke stack is needed. Evaporator dimensions: 54 ft<sup>2</sup> (118"x 66") Compressor dimensions: 17 ft<sup>2</sup> (70" x 35")
  - N.B.: Building requires 12.5' ceiling clearance for the installation and a 8.5' door for the delivery
- Compressor may be installed to the right or behind the evaporator

### **MAINTENANCE**

- Constant product circulation contributes to low niter accumulation on the heating tubes
- No scrubbing or tube replacement
- Can operate long continuous hours without stoping
- Easy maintenance, thanks to an automated wash and rinse cycle
- Quick drainage
- Requires little maintenance
- Reliable and sturdy construction

### **OPERATION AND PERFORMANCE**

- **Production capacity:** 2.5 barrels/h (100 US Gal./h., concentrate feed of 30 Brix or more)
- **Lowest production cost:** \$2,75 (CAD)/40 US Gal. barrel (based on \$0,10/kW energy cost)
- Safe and efficient
- Simplified functionality and easy start up
- Works under vacuum
- Fast preheating sequence (45 min) because of the steam generator
- Very safe, runs very low steam pressure
- High quality maple syrup production
- Continuously constant Brix syrup production
- Very flexible to allow the operator to boil a sap or concentrate at any Brix. Very effective at High Brix ≥ 30 Brix
- Very low volume of liquid in the evaporator (less than 20 US gallons)
- 100% automated for better efficiency over a long period of operation
- Automatic and management of product **Brix** output
- Very high energy efficiency, low steam loss

### **POWER REQUIREMENT**

MODEL	VOLTAGE	PHASES	AMPS
67EL4603	460 V	3	122.0 A
	575 V 1,2	3	95.0 A
	230 V <sup>2</sup>	3	243.0 A
67EL2401	240 V <sup>2</sup>	1	503.0 A

<sup>&</sup>lt;sup>1</sup> 575 V only available in Canada.

<sup>&</sup>lt;sup>2</sup> Transformer required (not supplied by CDL)

 | MASTER EVAPORATORS 



2023 MASTER EVAPORATORS | **83** 

# THE MASTER OF EVAPORATORS

### FOR THE FOLLOWING REASONS:

- → Rugged and quality construction
- → Energy efficient
- → 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
- → Evaporation performance
- → Energy costs / labor per barrel
- → Easy cleaning

### **AVAILABLE OPTIONS:**

- > Syrup flow reverser
- > 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 Protect-0
- > Front/Rear pan washer
- > Motorized level control (ON-OFF)



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34 MASTER EVAPORATORS 2023



TO GUIDE YOU IN CHOOSING YOUR NEW MASTER EVAPORATOR, HERE ARE SOME THINGS TO CONSIDER DEPENDING ON THE FUEL.

### **WOOD EVAPORATORS**

- > Self-sufficiency and fuel availability
- > Independence on energy costs (low and stable)
- > 100% renewable energy
- > Valorization of non-marketable wood from your sugarbush
- > Feeding of the evaporator can be facilitated by mechanical equipment

### Master evaporator - wood

	Brix of concentrate			
	15 20 25 30			
Ratio Cord / imp. gal	0.0065	0.0047	0.0032	0.0025
\$ Cost / imp. gal	\$0.65	\$0.47	\$0.32	\$0.25
	(CAD)	(CAD)	(CAD)	(CAD)
\$ Cost / U.S. gal	\$0.81	\$0.58	\$0.40	\$0.31
	(USD)	(USD)	(USD)	(USD)
\$ Cost / Barrel	\$21.99 (CAD)	\$15.82 (CAD)	\$10.99 (CAD)	\$8.48 (CAD)
(34 imp. gal, 40 U.S. gal)	\$32.34 (USD)	\$23.26 (USD)	\$16.17 (USD)	\$12.47 (USD)

Based on a price of \$100 CAD (\$150 USD) / wood cord (24" x 4' x 8')



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### **WOOD CHIPS EVAPORATORS**

- > Self-sufficiency and fuel availability
- > Independence on energy costs (low and stable)
- > 100% renewable energy
- > 100% automated feeding
- > Valorization of non-marketable wood from your sugarbush
- > Quick start, stability of boiling, rapid shutdown and reduced monitoring of operation
- > Simple, effective and easy boiling modulation

### Master evaporator - wood chips

	Brix of concentrate			
	15	20	25	30
Ratio Pi³ / imp. gal	0.71	0.51	0.35	0.27
\$ Cost / imp. gal	\$0.35	\$0.26	\$0.18	\$0.14
	(CAD)	(CAD)	(CAD)	(CAD)
\$ Cost / U.S. gal	\$0.18	\$0.13	\$0.09	\$0.07
	(USD)	(USD)	(USD)	(USD)
\$ Cost / Barrel	\$12.05 (CAD)	\$8.67 (CAD)	\$6.03 (CAD)	\$4.65 (CAD)
(34 imp. gal, 40 U.S. gal)	\$7.09 (USD)	\$5.10 (USD)	\$3.55 (USD)	\$2.73 (USD)

Based on a price of \$0.50 CAD (\$0.30 USD) / pi<sup>3</sup> of wood chips

### **PELLET EVAPORATORS**

- > 100% renewable energy
- > Low energy cost
- > 100% automated feeding
- > Quick start, stability of boiling, rapid shutdown and reduced monitoring of operation
- > Simple, effective and easy boiling modulation

### Master evaporator - pellet

	muster evaporator penet			
	Brix of concentrate			
	15 20 25 30			30
Ratio Lbs / Gal. US	7.00	5.00	3.50	2.70
\$ Cost / imp. gal	\$1.34 (CAD)	\$0.96 (CAD)	\$0.67 (CAD)	\$0.52 (CAD)
\$ Cost / U.S. gal	\$0.84 (USD)	\$0.60 (USD)	\$0.42 (USD)	\$0.32 (USD)
\$ Cost / Barrel (34 imp. gal, 40 U.S. gal)	\$45.70 (CAD) \$33.60 (USD)	\$32.64 (CAD) \$24.00 (USD)	\$22.85 (CAD) \$16.80 (USD)	\$17.63 (CAD) \$12.96 (USD)

Based on a price of \$0.16 CAD (\$0.12 USD) / lbs of pellets





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# Master

THE MOST ECONOMICAL ON THE MARKET!



### STANDARD RIELLO BURNER

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

Distributes the flame efficiently and more environmentally friendly.

# OIL, NATURAL GAS & PROPANE EVAPORATORS

- > Quick start and stop
- > Boiling stability, reduced operation supervision
- > Boiling modulation available depending on the burner
- > Natural gas: When available, the possibility of being connected to a gas distribution network

### Master evaporator - oil

	Brix of concentrate			
	15	20	25	30
Ratio Litre / U.S. gal	0.43	0.30	0.22	0.17
\$ Cost / imp. gal	\$3.12	\$2.18	\$1.60	\$1.23
	(CAD)	(CAD)	(CAD)	(CAD)
\$ Cost / U.S. gal	\$1.72	\$1.20	\$0.88	\$0.68
	(USD)	(USD)	(USD)	(USD)
\$ Cost / Barrel	\$106.20 (CAD)	\$74.09 (CAD)	\$54.33 (CAD)	\$41.99 (CAD)
(34 imp. gal, 40 U.S. gal)	\$68.92 (USD)	\$48.08 (USD)	\$35.26 (USD)	\$27.25 (USD)

Based on a price of \$1.60 CAD (\$1.06 USD) / litre

### Master evaporator - propane

	Brix of concentrat <b>e</b>			
	15	20	25	30
Ratio Litre / U.S. gal	0.66	0.45	0.33	0.25
\$ Cost / imp. gal	\$2.10	\$1.43	\$1.05	\$0.79
	(CAD)	(CAD)	(CAD)	(CAD)
\$ Cost / U.S. gal	\$1.91	\$1.30	\$0.96	\$0.72
	(USD)	(USD)	(USD)	(USD)
\$ Cost / Barrel	\$71.31 (CAD)	\$48.62 (CAD)	\$35.66 (CAD)	\$27.01 (CAD)
(34 imp. gal, 40 U.S. gal)	\$76.46 (USD)	\$52.13 (USD)	\$38.23 (USD)	\$28.96 (USD)

Based on a price of \$0.70 CAD (\$0.77 USD) / litre



## **UNIQUE TECHNOLOGY IN** THE MAPLE SUGARING INDUSTRY.



# **HIGH PRESSURE STEAM EVAPORATOR**

### MAIN FEATURES OIL, PROPANE, NATURAL GAS **FUEL** AND GAS COMBINATION 25 HP, 35 HP, 50 HP ET 60 HP **DIMENSIONS** without certifications, up to 300 HP Unmatched evaporation **EFFICIENCY** power per square foot Automated washing system, AVAILABLE OPTIONS steam pan and flow reverser

### INCLUDES:

- R7 pan only includes sight glass level, draw off valve and electric valve with levato
- Single inner coil
- Hood with glass doors
- Stack, roof jack& collar
- Stainless steel stand with two 120V electrical
- 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 coils
- 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;

EXCLUSIVE

CDL

- No pan change needed;
- No risk of burning the pans.

### Useful features of steam generator system:

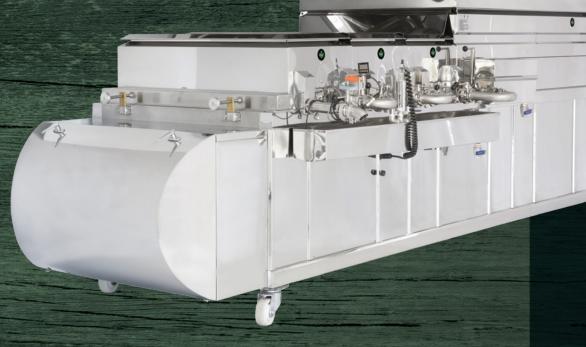
- > Barrel cleaning;
- > Maple syrup warming;
- > Quick and efficient cooking for processing.





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# DELUXE



CDL's **Deluxe** oil evaporator was designed for small and medium-sized sugarbush producers.

This evaporator is very efficient and gives its owner an incomparably comfortable and stable boiling experience. This equipment is very reliable and very simple to operate. **To use it is to adopt it!** 

		MAIN FEATURES
16 A B 20	FUEL	OIL, NATURAL GAS OR PROPANE
	DIMENSIONS	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-O Level controller protection
	Inte	archanneable and reversable san inlet and outlet

# · 100% REVERSIBLE!

- Most proven evaporator in its class
- Timeless classic look
- Incomparable value for money
- Simple and reliable mechanics

### . 100% **REVERSIBLE!**

- Integrated heat recovery system that:
  - Preheats combustion air for unparalleled combustion efficiency
  - Limits energy loss by reducing the chimney temperature
- Automated combustion air management system that:
  - Simplifies the operation
  - · Allows you to adjust the evaporation rate according to your needs
  - Stabilizes power throughout the charging period
- Manual air adjustment dampers allow fine-tuning combustion adjustments for optimal performance regardless of the type of wood used
- Luxury aesthetics 100% stainless steel



The most **EFFICIENT** evaporator in the range of wood evaporators with conventional evaporation pan offered by CDL

MAIN FEATURES		
FUEL	WOOD (soft or hard)	
DIMENSIONS	Available sizes: 2½' x 8' to 6' x 18'	
CONSUMPTION	0.24 medium quality wood cord (24") per barrel (32 imp. gal - 40 U.S. gal) of syrup (15 Brix)	
IDEAL FOR	Get up to 85% energy efficiency while benefiting from automation and ease of use.	
	and an analysis and assessment to a second and and as	

Interchangeable and reversable sap inlet and outlet





The most **PERFORMING** evaporator in the range of wood evaporators with conventional evaporation pan offered by CDL.

MAIN FEATURES			
FUEL	WOOD (soft or hard)		
DIMENSIONS	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		
Interchangeable and reversable sap inlet and outlet			

# • 100% REVERSIBLE!

- Automated combustion air management system that:
  - Simplifies the operation
  - Allows you to adjust the evaporation rate according to your needs
  - Stabilizes power throughout the wood loading periods
- Manual air adjustment dampers allow fine-tuning combustion adjustments for optimal performance regardless of the type of wood used





. 100% **REVERSIBLE!** 

- High evaporation capacity at an affordable price
- Superior lifespan
- Even boil: softer in front, aggressive in rear
- No need to preheat the chimney
- Full throttle in less than 10 minutes
- · Good operation even in low pressure (bad wind)
- Fully reversible
- · Small amount of bricks needed
- Perfect for beginners, easy to operate and very limited risk of error
- No risk of backdraft and very safe
- Adjustable boiling intensity

The new airtight high performance Venturi evaporators has a unique artificial draft system allowing the intake of primary air at high pressure by suction. It simply and safely increases the evaporation performance of the evaporator. The Venturi Performance system developed by CDL.

MAIN FEATURES		
FUEL	WOOD	
DIMENSIONS	12 models from 2'x4' to 4'x15'	
CONSUMPTION	Up to 40% more output	
AVAILABLE OPTIONS	Wide choice of options available	

Interchangeable and reversable sap inlet and outlet



### STEAM PAN AND PAN WASHER OPTIONS FOR EVAPORATORS

### Available with:





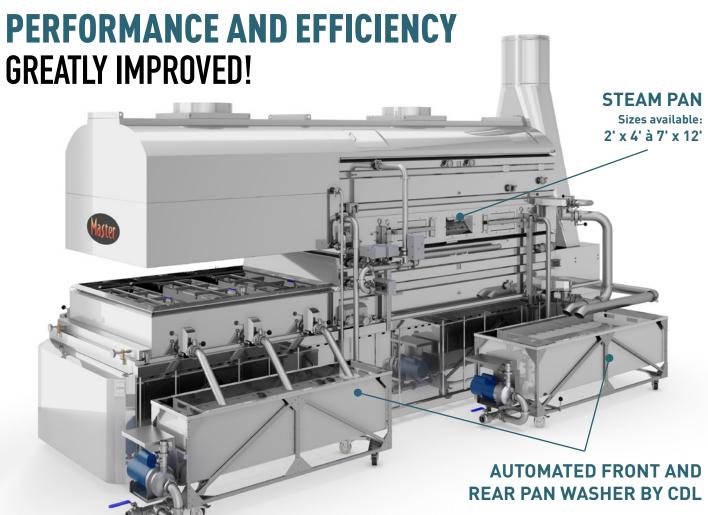












### STEAM PAN ADVANTAGES

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

- > 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;
- > This option can be installed on all types of evaporators (wood, pellet, oil).

### **AUTOMATED PAN WASHER ADVANTAGES**

### A must for anyone looking to improve and simplify their operation.

- > Available as an option for Venturi, Intense-O-Fire 2, Chinook, Deluxe, Master and R7 evaporator 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.



### **SYRUP PAN WASHERS**

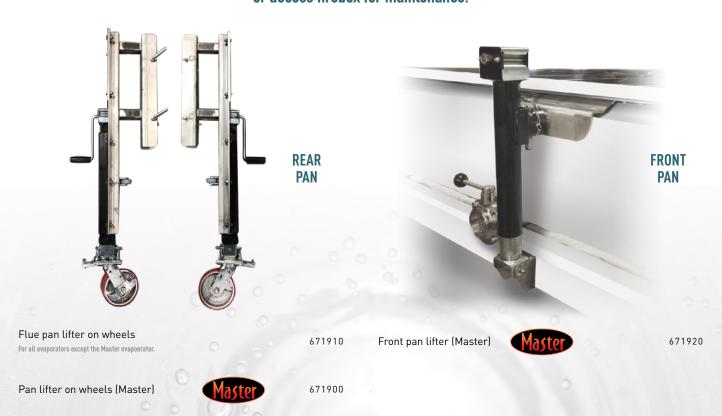


# **CLEANING SIMPLIFIED!**

SINGLE, DOUBLE AND TRIPLE PAN WASHERS ARE AVAILABLE IN MANY SIZES. CHECK IT OUT!

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

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



CDL cdlinc.ca | cdlusa.com

WOOD EVAPORATORS 2023

### **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 argon 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 67.



WOOD EVAPORATORS 2023

### **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"	24" X 72"	2' x 8'
150 to 450 taps	150 to 450 taps	150 to 450 taps
6700103	6700302	6700502
20" x 54" 2-way	2' x 4' 2-way	2' x 5' 2-way
flue pan	flue pan	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	9" x 8' stainless	10" x 12' stainless
steel smokestack	steel smokestack	steel smokestack

Argon welded reversible finishing pan

# THE TRADITIONAL EVAPORATORS **AVAILABLE IN SIZES: 2-1/2' X 8' TO 5' X 16'** Product appearance may vary.

### 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.

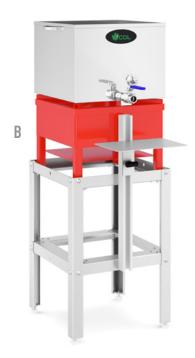
### **INCLUDES:**

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



C

### **BEGINNER BOILING KIT**

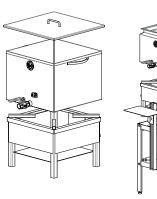


16" x 16" 15 tap kit

#### 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
- $\rightarrow$  1 18.5" wooden handle thermometer
- $\rightarrow$  1 55-70 Brix syrup hydrometer
- $\rightarrow$  1 3/4" stainless steel nipple
- $\rightarrow$  1 3/4" FIPT stainless steel ball valve



Α



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:**

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

**IDEAL FOR** 

**UP TO** 

**25 TAPS** 

### **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

# **EASY TO ASSEMBLE**

**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





### **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.

668421

4' x 4' x 3' 6793443 250 GAL. 350 GAL. 4' x 4' x 4-1/2' 67934445 6793001 Insulated calibration tank starter control case

### 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.



### 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)

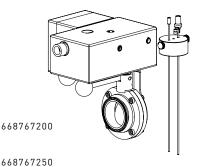
Protect-0 66876



### **LEVEL CONTROL**

Electric level control with Belimo actuator and butterfly type valve.

Manual height adjustment.



level + Levato

Control box for 2-1/2" evap.

Control box for 2" evap.

level + Levato

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 32.

### 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

cdlinc.ca | cdlusa.com

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 hol	15-1/4" e)	72054015*
24 GAL *Includes 2 filte	20 GAL er support (2 hol	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



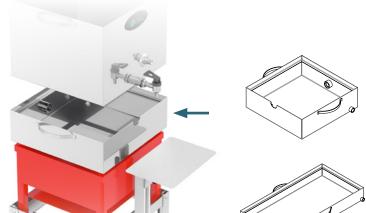
### **SUGAR PANS**





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**



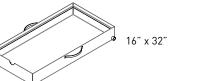
→ Water jacketed tank for sugar pan that can be used for the beginner bottling kit on page 113.

67316M

MINS32

- $\rightarrow$  Possibility to install an electric heating element (664934a)
- $\rightarrow$  5" high

16" x 16"



### **BOILING ACCESSORIES STAINLESS STEEL**



CUI	PS
8"	6784782
10"	67847102
12"	67847122



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



### DIPPERS AND SKIMMERS

	Round   5" Wooden handle	7205405R
A	Round   6-1/2" Wooden handle	72054065R
	Round   8" Wooden handle	7205408R
D	Flat-sided   5" Wooden handle	7205405P
D	Flat-sided   8" Wooden handle	7205408P
	Without holes	6772922007
L	With holes   4"	7205404

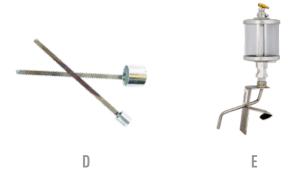


SUGAR PAN

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



250 g (35 per box)	72054250
500 g (25 per box)	72054500
Adjustable table	72924060



### **DEFOAMER SUPPORT**

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



**FUNNELS** 

-	Small	66811
ľ	Large	6681102
0	1" x 3/8"	FUNMIN
U	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	2 L stainless steel with handle	<b>NEW</b> 666320
K	4 L with handle (mesuring)	MEACU4
L	42" paddle	674242 * Product available in limited quantity.

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

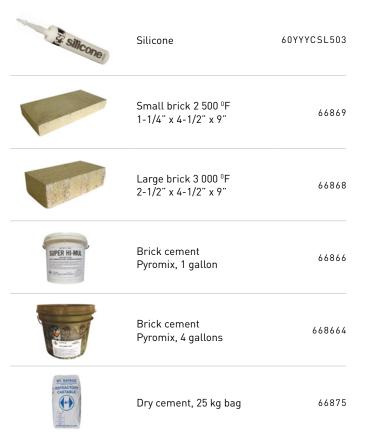
5/8" x 8	60PEN58X6PLAGL	
5/8" x 12	672176	
5/8" x 18	60PEN58X18PLAGL	
1-1/2" x 8	675157	
1-1/2" x 18	60GROSNIVEAU18	

### **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 60BKTI8LB100A 1" x 4' x 23.65' | 8 lb

Ceramic wool 1/2" x 4' x 50' | 8 lb





Thermofab wool 60GW300100 2" x 1/8"

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
- Smoke stacks B
  - Available in diameters from 6 "to 32"
- C
  - Available in diameters from 7" to 30" and optional spark guard.
- Custom made roof jacks D From 6" to 32" with collar
- Base stacks E
- 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**



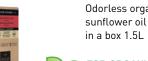
Kosher | 200 g

66890



Kosher | 2,5 kg

66898



Odorless organic sunflower oil bag







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 REQUEST** 



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

ONLY AVAILABLE IN CANADA



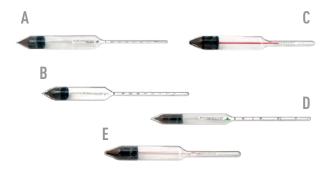
Solution to find the correction factor to apply when reading a hydrotherm or a hydrometer

718867



**104** | MEASURING INSTRUMENTS

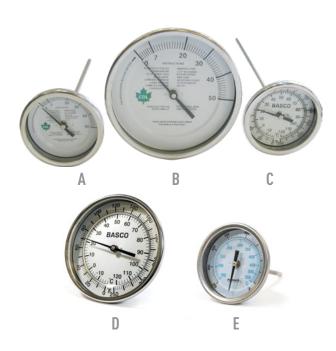
### **HYDROMETERS SAP AND SYRUP**



A Sap	) (	)-6 Brix	EIDE2010
B Sap	) (	)-15 Brix	668433
C Sap	)	10-25 Brix	66849
Syr	IIN	45-75 Brix Vermont state approved)	EIDS4575
D Syr	up (	55-70 Brix	66845
<b>E</b> Syr	up I	Hydrotherm	66841

Limited warranty and non-returnable items.

### **DIAL THERMOMETERS**



A	3" Dial   9" stem   0-50 °F   1/4" MIPT	72920003
	3" Dial   12" stem   0-50 °F   1/4" MIPT	72920004
В	5" Dial   9" stem   0-50 °F   1/4" MIPT	72920001
В	5" Dial   12" stem   0-50 °F   1/4" MIPT	72920002
	3" Dial   12" stem   0-250 °F   1/2" MIPT	668350
	3" Dial   6" stem   0-50 °F   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 °F   1/2" MIPT	EITC033612
	3" Dial   9" stem   0-250 °F   1/4" MIPT	EITC0330
D	5" Dial   4" stem   0-250 °F   1/2" MIPT	668356
Е	3" Dial   4" stem   200-1000 °F   1/4" MIPT	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
Ε	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



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	Sani-clean   3.78 L	W NEW	6628378
	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**





106 | FILTER PRESSES 2023



# CDLWESFAB FILTER PRESSES

# IMPROVES THE PERFORMANCE OF YOUR PRESS AND FACILITATES THE FILTRATION

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

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.



7" CDLWESFAB press NEW	WFCDL7PLATE
10" CDL press (old CDL model)	6660010PLATE
10" CDLWESFAB press	WFCDL10PLATE
15" CDLWESFAB press	WFCDL15PLATE

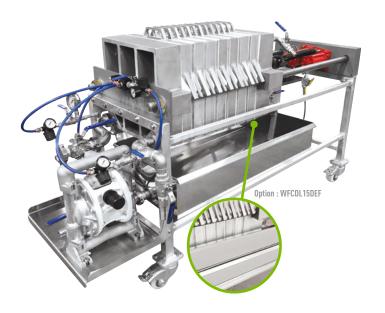
20" CDLWESFAB press **NEW** WFCDL20PLATE



- > 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	WFCDL10EDP125
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.	WFCDL7AIRO	WFCDL10AIRO

2023 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
Splash guard	WFCDL15DEF

Warning: The air supply must be filtered using the 66345657K air filter kit.

### **ADVANTAGES** (20" presses)

- > Easy paper installation
- > Larger filtration capacity
- > Frame on wheels
- > Syrup pan underneath
- > Filtration capacity between 15 to 50 barrels
- > Hollow plates 3" thick

	20" presses
3 hollow / 7 waffles	WFCDL2087
9 hollow / 8 waffles	WFCDL2098
10 hollow / 9 waffles	WFCDL20109
Available options:	
Air dia. pump kit 1"	WFCDL20ADP1
Air inlet kit he air supply must be filtered using the 66345657K air filter kit.	WFCDL20AIRI
Air outlet kit The air supply must be filtered using the 66345657K air filter kit.	WFCDL20AIRO
Splash guard	WFCDL20DEF

Clamped sight glass ferrule 1-1/2" 6600150

Clamped sight glass ferrule 2" 6600200





108 | FILTER PRESSES 2023

### **CDL VACUUM FILTER PRESSES**

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

### Includes: 1 filter and 12 prefilters

9" Thermomet	3.6 US GAL. er 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" Thermomet	19 US GAL. er not included	1 800 to 3 600 taps	FAU18PV018

Thermometer not included	7 000 to 0 000	шрэ	17/0101 1010
		9"	FAU18PV009COUV
Vacuum press		12"	FAU18PV012C0UV
cover assembly		15"	FAU18PV015COUV
		18"	FAU18PV018COUV
		9"	FAU18036
5-micron		12"	FAU18038
vacuum filter		15"	FAU18017
press polyester		18"	FAU18018
filter		21"	668171
		24"	668172
		9"	FAU18035
Vacuum filter		12"	FAU18037
press polyester		15"	668167
prefilter		18"	668168
(12/pkg)		21"	668169
		24"	668170









# **ELECTRIC DIAPHRAGM PUMP KIT**

Quick and easy installation. For filter press pumping or hot syrup transfer.

Motor 115V 5.3 GPM | 60 PSI

Electric diaphragm pump with support



669653A

# **FILTER PRESS PUMPS**



1/2" Diaphragm pump (aluminum)

669585

1" Diaphragm pump (aluminum)

669601

FILF24

66211

668164

# **ACCESSORIES**



A-B



C



D

66530

545 Celite filter aid A 66825 10 lb 545 Celite filter aid B 66826\* 50 lb \* Product available in limited quantity. Dicalite filter aid C 66838 50 lb CDL filter aid D 6683CDL 50 lb

	5-1/4" filter papers	pkg 200	66817
	7" filter papers	pkg 400	66828
	7" filter papers with wings	pkg 400	66859
	10" filter papers	pkg 400	66829
	15" filter papers for CDLWESFAB filter pesses	pkg 250	WFCDL668015
	15" filter papers	pkg 250	668015
	20" filter papers 2 holes	pkg 250	668221
	10" filter papers with wings	pkg 400	66801
	20" filter papers 3 holes with wings	pkg 250	668224
10.			



	7" press felt filters	pkg 12	66827
	10" press felt filters	pkg 12	66830
	15" press felt filters for CDLWESFAB filter presses	pkg 7	WFCDL668015F
	20" press felt filters 2 holes	pkg 7	66820
	20" press felt filters 2 double holes		668206
1	20" press felt filters 3 double holes	pkg 7	66850
	Self-cleaning press felt filters		66852
	Polyester #8 felt cone 5 mic.		66814
	Polyester #8 felt cone 1 mic.		668163
	#5 cone filter		FILC05
	Cone pre-filter	pkg 12	66206
	Flat pre-filter paper 24" x 24", woven style		PREW24
	Flat pre-filter paper 36" x 36", woven style		PREW36
	Bucket filter		FILBAG
	Bucket pre-filter		PREWFI



LUBEX-FG

Food grade grease

36" x 36" flat polyester filter 1 mic.

24" x 24" flat filter

36" x 36" flat filter

5 mic.

# **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



# **BARREL CAPS AND ACCESSORIES**

2" stainless steel cap BUNGSS



2" plastic cap (Can be used with bag 663332) 660057



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

in center)

BUNG06



**FOR BARRELS** 

**HANDLING ACCESSORIES** 

3-wheel stainless steel cart

676055S



663332B 32-gallon plastic bag



Stainless steel holder 678952 for barrel liner



Stainless steel lever

671092



Stainless steel health barrel key

67ECHBA



Barrel wrench 662285



Barrel lifter with pulley and cord

665045



Barrel wrench 662282

# WATCH OUR VIDEOS ANYWHERE... ANYTIME.

www.cdlinc.ca/en/videos

www.cdlusa.com/videos



# **MAPLE CREAM MACHINES**



# **MAPLE SUGAR 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	668828S
Maple cream machine 16 L   220 V	Stainless steel pump	668827S

8" automatic maple sugar machine

8" double automatic maple sugar machine

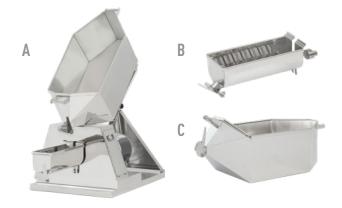
# **ADVANTAGES**

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

668855A

668856A

# **CANDY MACHINES**



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



By Maryse Bernier Director of Distribution Chain and Services

# **5 TIPS FOR PERFECT MAPLE CREAM!**

At CDL, we offer a range of four maple cream machines. Here are our top 5 tips for making the perfect maple cream with this essential tool for anyone who processes maple syrup.

- 1. Prepare a cooling bath for the syrup before you start cooking it. Water needs to constantly run in the pan and around your syrup container; a spacer to lift your container and running water are best.
- 2. Make sure your maple syrup is cooked to the correct temperature-don't let it get beyond 22 °F above the boiling temperature of water. In fact, you may want to remove your syrup from the heat at 21.5 °F, since the syrup will continue cooking for a while.
- 3. Let the syrup cool long enough. You want it to stay in the pan for 6 (or even better, 12) hours. After that, it's recommended to let the syrup cool at room temperature for another 4 hours once the container has come out of the cooling pan.
- 4. While the machine is running, use a spatula to constantly scrape the syrup from the sides of the funnel toward the middle of the cone to even out the mixture.
- 5. Once you're done making the cream, keep your machine clean. Follow the cleaning process in the user manual. Store in a dry place.





I've been using the CDL 16 L cream machine for several years now. It's easy to use and even easier to clean afterward. It allows me to make a silky maple cream that my customers ask for year after year.»

Nathalie Lemieux ÉRABLIÈRE NATHALIE LEMIEUX - Saint-Pascal-de-Kamouraska

## BEGINNER BOTTLING KIT

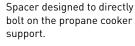


PURCHASE THE ELECTRIC OPTION TO COMPLETE YOUR KIT!

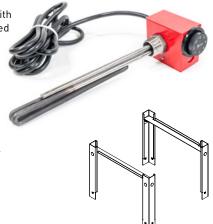
**DESIGNED TO MAINTAIN THE SYRUP AT A PROPER TEMPERATURE TO BOTTLE EFFICIENTLY.** 

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

664934A



67423





# 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

STAINLESS STEEL

# **DRAW-OFF ELBOWS**

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

67BM12



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

67212A



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

6788991B2





By Vallier Chabot, co-owner and general manager of CDL

At CDL, each of our posts is an opportunity to keep you updated on our innovative projects. It's my personal duty to let you know about the Maple Nectar project—a project I truly believe will benefit the entire maple syrup industry in the near future.

First, here's a little refresher on what Maple Nectar is. It's a new sweetening agent derived from maple sap with a final Brix higher than 60. It isn't altered, denatured, or overheated, which means it keeps the same nutrients as sap straight from the tree. In addition, it's produced with equipment that uses 100% green or carbon-neutral energy.

We've just finished phase 3 of the project, and here are the latest developments:

> The Centre ACER is CDL's scientific partner. They will be validating more research results next season.

From left to right: raw maple sap, ultrafiltered sap,

# LATEST DEVELOPMENTS INTHE **MAPLE NECTAR PROJECT**

- > Since 2021, Maple Nectar has been recognized as an innovative maple product by the Producteurs et productrices acéricoles du Québec (PPAQ) and the Conseil de l'industrie de l'érable (CIE).
- > We gave a talk on the project at this year's International Maple Conference in Lacrosse, Wisconsin, in October. Our colleague Steve O'Farrell was the guest expert for the event.
- > Larger-scale production of the Maple Nectar is planned for the 2024 season. CDL's technology centre is planning the final phase of development in the 2023 season.
- > Potential partners in the beverage industry have started to try and use this new sweetening agent as an ingredient. Their goal is to produce beverages that are better for your health

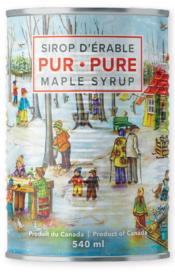
We'll have more details on the project for you at our next Open House. The CDL team is looking forward to it!



**116** | CANS AND ACCESSORIES



### **ROUND CANS**





WITH THESE TYPICAL SUGARING SCENES!

**NEW DESIGNS!** 

STAND OUT FROM THE CROWD

Images created by Canadian artists!

Choose something new and look better than the competition!

A Pure maple syrup | 540 ml, 200/case 6630250

Organic | 540 ml, 200/case 6630250B









A



# **MISCELLANEOUS CANS**

#### FRENCH/ENGLISH LITHOGRAPH

	SIZE	QTY/CASE	
	250 ml	65	CAN250*
Α	500 ml	35	CAN500*
	1L	24	CAN001*
D	250 ml	100	EXTC0250C
В	500 ml	100	EXTC0500C
		* First	come, first served.



# CARDBOARD BOXES FOR CANS



8 x 540 ml | Package of 25 66832



8 x 540 ml box with handle | Package of 25  $$\operatorname{\mathsf{66834}}$$ 



24 x 540 ml | Package of 25 66833

# **CAN SEALERS**







B

Master manual can sealer 66777

Master automatic can sealer 66824

Ives Way manual can sealer 66774300





SIZE	PRODUCT CODE	QTY/BOX
100 ml	360100	100
250 ml	360250	100
500 ml	360500	100
1 L	360001*	100
2 L	360002*	50
4 1	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
4 L	3600040*	24

<sup>\*</sup> First come, first served.







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:

			., p		/ -
U	for	All States	MI	for	Michigan *
V	for	Vermont *	Р	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 *	ОН	for	Ohio *

<sup>\*</sup> First come, first served.



118 | PLASTIC JUGS 2023



# **PLASTIC JUGS**







SIZE	PRODUCT CODE	QTY/BOX	SIZE	PRODUCT CODE	QTY/BOX
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/BOX
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	90
½ gallon	EXCR2000	50
1 gallon	EXCR4001PL	22

#### For specific states, replace the 🏶 by:

U	for	All States	MI	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	OH	for	Ohio

# **EXTRA CAP FOR JUGS**



**BROWN PLASTIC CAPS FOR JUGS** 

Caps not included

Cap for jugs (40 ml & 100 ml)	Bag of 12	661386
Cap for jugs (250 ml to 4 L) new threads	Bag of 12	6628400

# **CDL COLLECTION ROUND JUGS**



ONLY AVAILABLE IN CANADA

1 L (90/box) 72814001BE

2 L (50/box) 66925BE

4 L (22/box) 72814004BE



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

# **MODERN AND MAPLE LEAF**

# CAPS NOT INCLUDED





MODERN

MAPLE LEAF

	SIZE	PRODUCT CODE	QTY/B0X	CAP CODE
	100 ml	EXBV0100M*	36	661374 (GOLD)
Α	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> First come, first served.

# **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)
Α.	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)

<sup>\*</sup> First come, first served.

# **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)
D	8 oz	EXBV0252	12	661376 (WHITE) 661384 (BROWN)
D	12 oz	EXBV0377	12	661376 (WHITE) 661384 (BROWN)

# **FLASK**

# CAPS NOT INCLUDED



SIZE	PRODUCT CODE	QTY/B0X	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)

# **BASQUE SNOWMAN**

**CAPS NOT INCLUDED** 



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

\* First come, first served.

# **BASQUE 4 SUGARING SCENES**

**CAPS NOT INCLUDED** 



250 ml





12



CAP CODE

661376 (WHITE) 661384 (BROWN)

# **BASQUE 4 CHRISTMAS SCENES**

**CAPS NOT INCLUDED** 









PRODUCT CODE QTY/BOX CAP CODE

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

\* First come, first served.

# **BASQUE ANIMALS**

PRODUCT CODE

EXBV0250BI\*

**CAPS NOT INCLUDED** 



MOOSE







**BLUE JAY** 

SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
▲ 250 ml	EXBV0250BPM00SE *	12	661376 (WHITE) 661384 (BROWN)
<b>B</b> 250 ml	EXBV0250BPW0LF*	12	661376 (WHITE) 661384 (BROWN)
<b>C</b> 250 ml	EXBV0250BPDEER*	12	661376 (WHITE) 661384 (BROWN)
<b>D</b> 250 ml	EXBV0250BPJAY*	12	661376 (WHITE) 661384 (BROWN)

<sup>\*</sup> First come, first served.

# **BARREL CAPS NOT INCLUDED**



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

<sup>\*</sup> First come, first served.



<sup>\*</sup> First come, first served.



# **DECANTER**

#### **CAPS NOT INCLUDED**



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

# **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)
В	350 ml	EXBV0350S2	12	72838000N (METAL) 661381 (WHITE) 661391 (BROWN)

<b>B</b> 350 ml	EXBV0350S2	12	



Shrink band		
38 mm, 250/bag		

60160

661396 (BLACK)

# **WHISKY CAPS NOT INCLUDED**



CAP CODE	QTY/B0X	PRODUCT CODE	SIZE
661376 (WHITE) 661386 (BROWN) 661386 (BROWN)	12	EXBV1000S	1 L

# **CAPS**

#### WHITE PLASTIC CAPS



28 mm x 400	Bag of 12	661376
38 mm x 400	Bag of 12	661381
38 mm x 400 aluminum liner		661381AL

#### **BROWN PLASTIC CAPS**



24 mm x 400	Bag of 12	CAPK25
28 mm x 400	Bag of 12	661384
31.5 mm x 400	Bag of 12	661390
38 mm x 400	Bag of 12	661391
28 mm x 410	Bag of 12	CAP500

#### BLACK PLASTIC CAPS



18 mm x 400	Bag of 12	CAP05B
28 mm x 400	Bag of 12	661379
31,5 mm x 400	Bag of 12	661377
38 mm x 400	Bag of 12	661396

GOLD PLASTIC CA	.PS	
18 mm x 400	Bag of 12	661378
24 mm x 400	Bag of 12	661374
28 mm x 400	Bag of 12	661388



METAL CAPS

Lid for CAN250 and CAN500 cans

LID250500\*

\* First come, first served.

#### PLASTIC CAPS / TAMPER EVIDENT



28 mm x 400	Bag of 12	661382 (BLANC)
28 mm x 400	Bag of 12	661386 (BRUN)
28 mm x 400	Bag of 12	661385 (DORÉ)
28 mm x 400	Bag of 12	CAPKB5 (NOIR)

# **GOLD CAPS FOR GLASS BOTTLES**

#### GOLD CAPS



30,5 x 42 mm, 100/box	EXCAP210
00,0 % 12 11111, 100, 20%	

34 x 52 mm, 100/box EXCAP310



# **SHORT ROUND JARS**

LIDS NOT INCLUDED



SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
40 ml	EXP040	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



SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
250 ml	BOTT25	12	CAPG53
375 ml	BOTT37	12	788490
500 ml	BOTT50	12	788470
750 ml	BOTT75	12	728470

# **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
Α	190 ml	EXPOH190-12	12	788490
	270 ml	EXP0H270-12	12	788470
	380 ml (500 g honey)	B0T380	12	CAPHC7, CAPWF7, CAPPC7, 728470
R	780 ml (1 kg honey)	B0T780	12	CAPHC8, CAPWF8, CAPPC8, CAPG82

# **METAL LIDS**



38 mm x 400	Black	12	72838000N
43 mm	Gold	12	728445
48 mm	Gold	12	72843000
53 mm	Gold	12	CAPG53
58 mm	Gold	12	788490
63 mm	Gold	12	788470
63 mm	Black		7884863N
70 mm	Gold	12	728470
70 mm	Black	12	728471
82 mm	Gold	12	CAPG82

QTY/BAG

PRODUCT CODE







	SIZE	QTY/BAG	PRODUCT CODE
Α	70 mm	12	CAPHC7
Α	82 mm	12	CAPHC8
D	70 mm	12	CAPWF7
В	82 mm	12	CAPWF8
_	70 mm	12	CAPPC7
L	82 mm	12	CAPPC8

# **SAMPLE JARS**



30 ml jars Cap only EXBSCAP16

EICOL016

cdlinc.ca | cdlusa.com



# **PLASTIC BOTTLES**



	SIZE	QTY/BOX	PRODUCT CODE
		OXYGEN BARRIER	BOTTLE
Α	375 ml	200	660375
В	1 L	90	661000
C	2 L	50	660020-50
D	4 L	40	660400
		FREEZER JI	JG
Ε	4 L	1	EXSH4P
		PLASTIC JU	JG
F	10 L	1	JUG210
		FIVE GALLON BLUE	CONTAINER
G	18.9 L	1	ONLY AVAILABLE EXBPL005

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



# **CARDBOARD BOXES**

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



# **PLASTIC CONTAINERS**

PRODUIT DE 4

Caps

Caps





500/box

66250001

ONLY AVAILABLE

Maple cream tub CDL Collection 250 g 500/box

61250001



Maple cream tub CDL Collection 500 g 500/box

61500001



ONLY AVAILABLE



61250001B



ONLY AVAILABLE
IN CANADA







Δ





	A. D		•
A :	Beige plastic container for maple cream 250 g   100/box	ONLY AVAILABLE	TUBB25*
	Beige plastic container for maple cream 500 g   100/box	IN CANADA	TUBB50*
	1/2 lb tub   100/box	ONLY AVAILABLE	EXCUL251U
	1 lb tub   100/box	IN THE USA	EXCUL501U
D	4 oz. granulated sugar container		EXPLSUG4
В	8 oz. granulated sugar container		EXPLSUG8
	Clear Secure Tamper Evident round container 34oz (1L)   250/b	ox (lid not included)	667010
C	Clear Secure Tamper Evident rour 114mm 34oz (1L)   500/box	nd lid	667904
		* Product available	the file of the design of the contract of the

# **WOODEN STICKS**





Α	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**



	72/box	66137
Α	900/box	66138
	1914/box	<b>NEW</b> 661914
р	6 holes 25/box	ECBCOR06-25
В	12 holes 25/box	ECBCOR12-25
C	Plastic cone holder, 64 cavities	666315

# **GLUCOSE AND POWDER GENUGEL**



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

25 kg 66808 For the hardness of sweets and lollipops



200 g
For the hardness of sweets and lollipops
72926170

# HANG TAGS AND ELASTICS





В



C

7.	_		
DESCRIPTION		PRODUCT CODE	QTY/PKG
Hang tag	ONLY AVAILABLE IN CANADA	HANTAG	100
Hang tag		NECBRO	100
Golden elas	tic	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







Α



B





D

E

	DESCRIPTION	PRODUCT CODE
	24" x 36" metal sign	ECMS2436
Α	10" x 14" plastic sign	ECMP1014
	24" x 36" plastic sign	ECMP2436
В	20" x 30" plastic sign	SIGNGR
C	18" x 24" coroplast sign	SIGNYE
D	20" x 30" coroplast sign	SIGNAM
Е	Flag	663660

# **SYRUP GRADING SELF-ADHESIVE LABELS**





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

# **BOOKS**







DESCRIPTION

PRODUCT CODE

#### The Maple Syrup Cookbook - 3rd edition

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

Backyard Sugarin' (An excellent guide for people who ECBYSMAN4 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	<b>C</b> CHOCOLATE
	DESCRIPTION	CAVITY/QTY	PRODUCT CODE
	Flowers, fruits, nuts	25	ECMSH479
	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
С	Maple leaves	12	EMCC0121
	Assorted designs	12	EMCC055
	Pyramids	12	EMCC129
	Rounds	12	EMCC070
	Farm animals (for suckers)	4	EMCS11219
	Cow (for suckers)	5	ECMS3624

# **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



DESCRIPTION	C
Maple leaves	

CAVITIES PRODUCT CODE 12 ECMC1138\*

# **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**





Tape dispenser 661150

White tape for dispenser 9 mm x 66 m  $\,$ 

661161

<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.



# **QUEBEC CORPORATE STORES**

#### LES ÉQUIPEMENTS D'ÉRABLIÈRE CDL (HEAD OFFICE)

257, route 279 Saint-Lazare-de-Bellechasse Québec GOR 3J0 Administration: 418-883-5158 TF. 1-800-361-5158 Store: 418-883-7071 st-lazare@cdlinc.ca

#### **CDL CABANO**

315, boulevard Industriel Témiscouata-sur-le-Lac Québec GOL 1E0 P. 418-854-5158 TF. 1-877-854-5158 cabano@cdlinc.ca

#### **CDL HAUT-SAINT-LAURENT**

2535, route 209 Saint-Antoine-Abbé Québec JOS 1NO P. 1-844-805-1235 hautst-laurent@cdlinc.ca

#### **CDL LA GUADELOUPE**

295. 14e Avenue La Guadeloupe Québec GOM 1GO P. 418-459-4012 beauce@cdlinc.ca

#### **CDL L'ISLET**

194, route 204 Saint-Adalbert Québec GOR 2M0 P. 418-356-5153 lislet@cdlinc.ca

#### **CDL LOURDES**

282, route 265 Notre-Dame-de-Lourdes Québec GOS 1TO P. 819-245-0058 lourdes@cdlinc.ca

#### **CDL MÉGANTIC**

2294, Rue Laval **Nantes** Québec G6B 2V5 P. 819-554-8443 megantic@cdlinc.ca

#### **CDL MONT-LAURIER**

1054, boul. Albiny-Paquette Mont-Laurier Québec J9L 1M1 P. 873-388-0145 mont-laurier@cdlinc.ca

#### **CDL PORTNEUF**

1142, avenue St-Louis Portneuf Québec GOA 2Y0 P. 418-286-0003 portneuf@cdlinc.ca

#### **CDL ROXTON FALLS**

286, rue Notre-Dame Roxton Falls Québec JOH 1E0 P. 450-366-0711 roxtonfalls@cdlinc.ca

# **CDL SAINTE-AURÉLIE**

#### (Équipements d'érablière Guy Maheux inc.)

8, rang Saint-Jean-Baptiste Sainte-Aurélie Québec GOM 1M0 P. 418-593-3804 P. 418-593-3805 ste-aurelie@cdlinc.ca

# CDL SAINTE-MARIE

1235, rue 2 du Parc Industriel Sainte-Marie Québec G6E 1G7 P. 418-387-2215 ste-marie@cdlinc.ca

#### **NEW**

#### CDL SAINT-GABRIEL-**DE-RIMOUSKI**

266, rue Principale St-Gabriel-de-Rimouski Québec GOK 1M0 P. 418-798-0130 stgabrielderimouski@cdlinc.ca

#### **CDL SAINT-JACQUES**

97C. rue Venne Saint-Jacques QC J0K 2R0 P. 450-499-4961 stjacques@cdlinc.ca

# **CDL SAWYERVILLE** 143, rue de Cookshire

Sawyerville Québec JOB 3A0 P1. 819-416-1505 P2.819-416-1501 sawyerville@cdlinc.ca

#### **CDL SHEFFORD**

2981, route 112 Shefford Québec J2M 1C6 P. 450-539-2225 shefford@cdlinc.ca

# **CDL THETFORD**

1892, rue Nadeau (Secteur Pontbriand) **Thetford Mines** Québec G6H 3K3 P. 418-335-0853 thetford@cdlinc.ca

#### **CDL WARWICK**

1, route 116 Est Warwick, Québec JOA 1M0 P. 819-358-3499 warwick@cdlinc.ca

# **QUEBEC DISTRIBUTORS**

#### AGRI-SERVICE D.M.R. INC. (LANAUDIÈRE)

4011, rue Principale Saint-Félix-de-Valois Québec JOK 2M0 P. 450-889-8341 TF. 1-800-667-7030 F. 450-889-2305

#### **MEUNERIES MONDOU** (LAURENTIDES)

12429, route Arthur-Sauvé Mirabel Québec J7N 2C2 P. 450-258-2817 TF. 1-888-258-2817 F. 450-258-4626 groupemondou @meuneriemondou.com

#### LES MOULINS B.G.L. INC. (LAURENTIDES)

14, rue Legault Saint-André-d'Argenteuil, Québec JOV 1X0 P. 450-537-3774 F. 450-537-3777



# ONTARIO CORPORATE STORES AND SALES REPRESENTATIVES

#### **CDL CENTRAL ONTARIO**

2907, Highway 11 N Oro-Medonte Ontario LOL 2E0 P. 705-487-3331 P. 1-800-959-9192 (Ontario only) atkinson@cdlinc.ca

#### Sales Representatives:

#### Peter Sevelka

C. 1-705-350-1003 peter.sevelka@cdlinc.ca

#### **Bill Hubbert**

East Parry Sound, Manitoulin, Nipissing, North Haliburton, North Muskoka, Sudbury, Timiskaming

C. 705-788-4582 bill.hubbert@cdlinc.ca

# **CDL EASTERN**

3464, Station Street Monkland Ontario KOC 1V0 P. 613-346-0333 eastern@cdlinc.ca

#### Sales Representative:

#### **Rob Berkvens**

Stormont, Dundas, Glengarry

C. 613-551-3333 P. 613-346-0333 rob.berkvens@cdlinc.ca

#### **CDL WESTERN**

3301, Perth Road 180, RR#2 Staffa Ontario NOK 1Y0 P. 519-345-0259 western@cdlinc.ca

#### **Sales Representatives:**

#### **George Roney**

Brant, Bruce, Chatam-Kent, Elgin, Essex, Haldiman, Hamilton, Huron, Lambton Middlesex, Niagara, Norfolk, Oxford, Perth

C. 519-949-1954 george.roney@cdlinc.ca

#### Michaël Murphy

South Western Ontario

P. 519-345-0259

michael.murphy@cdlinc.ca

#### **CDL GREY COUNTY**

245794, Southgate Road 24 Proton Station Ontario NOC 1L0 P. 519-379-7021 enos.martin@cdlinc.ca

#### Sales Representatives:

#### **Enos Martin**

Grey, Wellington County, Dufferin County, Waterloo

C. 519-379-7021 enos.martin@cdlinc.ca

#### **Jonathon Martin**

Grey, Wellington County, Dufferin County, Waterloo

C. 519-379-1795 jonathon.martin@cdlinc.ca

#### **CDL LANARK COUNTY**

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reg.charbonneau@cdlusa.net

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