

# 2023 CATALOG



## 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

## + NEW

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.

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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Sincerely



#### > 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

## THE PERFECT CHOICE FOR YOUR SUGARBUSH.



Signature spouts with barbs

Maxflow barb for a better grip on tubing 1/4"



	$\bigcirc$		
	Clear	Blue	Smoke
1/4"	66045424WB	66045524WB	66045624WB
<b>5/16"</b>	66045264WB	66045263WB	66045269WB

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. Contact your sales representative.



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

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



ZAP BAC

ONLY AVAILABLE

5/16" spout Zap-Bac Antibacterial

66090094

Contains silver nanoparticles, approved by FDA.

On request only. Also available in 3/16" on request only.

2023



**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.

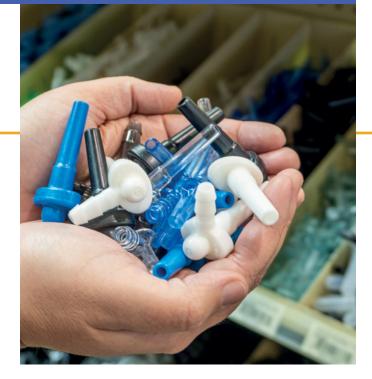
A spout's colour can therefore compensate for temperature fluctuations in your sugarbush. For example, if your sugarbush is cold or if an area receives less sunlight, your taps will thaw more quickly during the day if you use black spouts.

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**



1		Ţ	
		$\bigcirc$	
	Black	White	Blue
<b>5/16"</b>	66090516	66090517	66090518
<b>17/64"</b>	66090514	66090515	66090513

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.

#### BETTER GRIP ON TUBING!

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

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

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

cdlinc.ca | cdlusa.com



## **MAXFLOW** THE SOLUTION TO PREVENT MICRO-LEAKS

#### **MAXFLOW TEES**



5/16" health T

660300099



IDEAL TO SANITIZE WITH ISOPROPYL ALCOHOL

5/16" T with sanitizing cap

66302099



5/16" T with pin

66301099



5/16" Maxflow with multi stage pin 66304099



5/16" multi-function T

660300096



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



IDEAL TO SANITIZE WITH ISOPROPYL ALCOHOL 5/16" end of line T with sanitizing cap 66304357



T 5/16" end of line universal cap 66307357



17/64" end of line health T 660300097



5/16" multifunction end T 66306358



5/16" multi stage Maxflow end line T 66305357



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CDL

## **MAXFLOW** THE SOLUTION TO PREVENT MICRO-LEAKS

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



5/16" end of line adaptor

MAXFLOW

End of line adaptor with cap

Maxflow multifonctional

66265099

66266099

66267099

5/16" flat hook connector

66303099

MAXFLOW

5/16" MAXFLOW CONNECTORS

#### 5/16" CONNECTORS



Quick connector

6601209902

6601109902



end of line adaptor

MAXFLOW

MAXFLOW

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



5/16" black Y 66014099



5/16" sliding adaptor



5/16" sliding hook ETMAT316CH



5/16" end of line hook

66279099

66180

ETMAT316C

#### SAP LADDER FITTINGS

1/2" MIPT



5/16" 6-way star







**OTHER** 



Health spout pin

5/16" Rubber plug

Connector with loops

66012099

6603509905

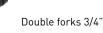
End-line ring

ERA1400

66031099

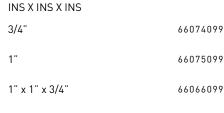
66033099

Double forks 1/2"



66032099

Double forks 1"



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



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



#### **REDUCERS AND ADAPTORS**

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



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



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 66090099A We recommend the use of a 19/64" drill bit for tapping.



5/16" natural spout adaptor We recommend the use of a 19/64" drill bit for tapping.



66090714M

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



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



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







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

66090014M



Screw kit

66099099



5/16" Zap Bac antibacterial adaptor ZAP BAC



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



1-1/2"

66064099

Hole diameter: 5/16"



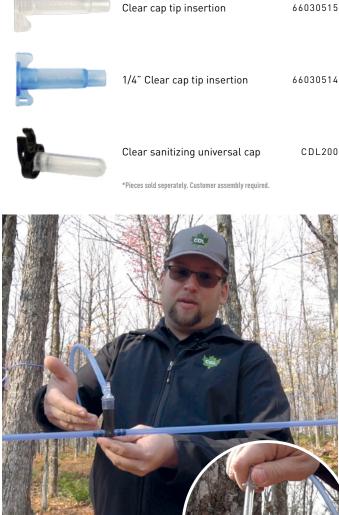








#### **SANITIZING CAPS - PERFECT FOR SPOUT SANITATION**











#### THIS CAP FITS ON 5/16" HEALTH Is



Light green 5/16" end cap 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

66030518

#### 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".

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.





BUCKET SPOL	JTS		BUC
	5/16" bucket spout   Blue	660552	
	7/16" white bucket spout	66055000A1	
	7/16" bucket spout Stainless steel	66055S	
	7/16" Spout without hook Aluminum	660557	
	5/16" Spout without hook Aluminum	660555	

#### **BUCKETS**

2-gallon grey plastic bucket	663054
2-gallon green plastic bucket	663052
3-gallon green plastic bucket	663051
2-gallon blue plastic bucket	663050
3-gallon blue plastic bucket	663053

#### **COVERS AND ACCESSORIES**

CDL	Galvanized cover for 2-gallon bucket	66660
	Green plastic cover for 2-gallon bucket	663058
	Blue plastic cover for 2-gallon bucket	663059
	Green plastic cover for 3-gallon bucket	663057
	Blue plastic cover for 3-gallon bucket	663055
	Wire for galvanized cover (25/Pkg)	LIDWIR
	Galvanized bag holder	69BUCKET0102
	Blue sap bag	663032

#### **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")
-

1

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
Бше	1 000'	431608221	8 year
Green	500'	431608025	8 year
Green	1 000'	431608225	8 year

#### 3/16" SPINSEAL FITTINGS



3/16" BLUE SpinSeal Fitting	66091041
3/16" BLACK SpinSeal Fitting	66091049
9/64" CDL drill bit for 3/16" SpinSeal Fittings	66964

#### MAXSEAL MULTI-FITTINGS / FIXED HEAD



Maxseal single gasket

66091C

Screw kit not included



Screw Kit

66099099

3/16" FITTINGS





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# SpinSeal

## **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!



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.

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.



SpinSeal Fittings

66732

## **CDL FLEX**

## **CDL VISION**

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

#### > 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**

	RIGIDITY	CODE	
5/16" CDL Flex	Flex	451610001	10 year
5/16" CDL Flex	Flex	451615001*	15 year
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	



#### **DARK BLUE**

NOT IN STOCK IN THE USA UPON REQUEST ONLY

	RIGIDITY	CODE	WARRANTY
5/16" CDL Flex	Flex	451610007*	10 year
5/16" CDL Flex	Flex	451615007	15 year
5/16" CDL Vision	Flex / Semi-rigid	451610027*	10 year
5/16" CDL Vision	Flex / Semi-rigid	451615027*	15 year
5/16" 4 Seasons	Flex	6600130805	10 year
5/16" 4 Seasons	Flex	6600127209	15 year

\* Special order only.



## 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!





#### GREEN

	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 UPON REQUEST ONLY

	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.

2023

## **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

		SpinSeal	HD	SpinSeal	HD	SpinSeal	HD
	500'	4034100695	403410069	4034100615	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
👾 NEW –	2 000' spool	410010769S	410010769	410010761S	410010761	410010765S	410010765
	500'	411410069S	411410069	411410061S	411410061	-	411410065
1¼"	1 000'	-	411410269*	-	411410261*	-	411410265*
	1 000' spool	411410169S	-	411410161S	-	-	-
1½"	500'	411210069S	411210069	411210061S	411210061	-	411210065
1 72	900' spool	411210169S	-	411210161S	-	-	-

#### **Our commitment**

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



\* Special order only.



\* Special order only



 
 TUBING FOR SIDE TYING

 1/2"
 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



## Products manufactured by WCDL

## **10-YEAR WARRANTY** Get CDL quality!



**BLACK** 



BLUE



GREEN

		SpinSeal	HD	SpinSeal	HD	SpinSeal	HD
3/4"	2 500' spool (PRE-LASHED)	403410169SL*	403410169L*	403410161SL*	403410161L*	-	403410165L*
1"	2 000' spool PRE-LASHED)	410010769SL	410010769L	410010761SL	410010761L	410010765SL	410010765L
1¼"	1 000' spool (PRE-LASHED)	411410169SL	-	411410161SL	-	-	-
11⁄2″	900' spool (PRE-LASHED)	411210169SL	-	411210161SL	-	-	-

\* Special order only.

\* Special order only

\* Special order only.

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

- ightarrow The Professional's choice
- → Potential savings of \$0.75 (CAD) per tap, in labor and material
- $\rightarrow$  Best value for the money of any mainline systems in the industry
- ightarrow Resistant and very reliable system over time
- → The most durable system that requires the least maintenance over time
- ightarrow 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.







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

### **VERSA**PIPE<sup>™</sup>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	DID YOU
1"	500'	670020990500	670022720500	-	KNOW
1″	1 500' spool	670020991500	670022721500	-	
1-1/4"	500'	670030990500	670032720500	-	THE SPINSEAL
1-1/2"	500'	661222920500	661222720500	-	TECHNOLOGY
1-1/2"	2 500' spool	661222922500	661222722500	-	CAN BE USED
2″	500'	66230292	66230272	66230375*	
2″	2 500' spool	662302922500	662302722500	662303752500*	WITH FUSION
3"	50' rod	66334292	66334272	-	AND RAPITUBE
3"	500'	663340990500	663342720500	-	MAINLINES.
4"	50' rod	663440990050*	663432720050*	-	

BURIED



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



\* Special order only.

#### END TO END FUSION ADVANTAGES

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



RAPITUBEV2™

#### TRANSLUSCENT BLUE

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

RAPI-FIX TENSION STRAPPING

66300099

Black 200'







Α.

Fusion and rapitube mainlines are manufactured exclusively for





HIGH TECHNOLOGY FITTINGS



#### **ELECTRO SADDLES**

-	L	
-		-

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

## A LEAK FREE SOLUTION.

#### FUSION SYSTEM FOR AERIAL OR BURIED TUBING

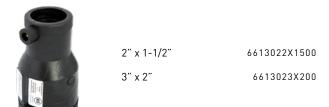
- > Ultra quick installation of connectors;
- > Installation of connectors without cutting the tubing.

#### **ELECTRO REDUCERS**

**PURCHASE** 

**OR LEASE** 

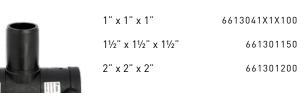
Ask your CDL sales



#### **ELECTRO COUPLINGS**

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

#### **ELECTRO T**



	ative about g or leasing	
For rent	10601LOC	
Purchase	10502	



## 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.





#### > Implementation of the CDL Intelligence

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**



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

#### **WIRE AND ACCESSORIES**



	GALVANIZED	
#9	50 lb	66040
#12	50 lb	66049
#14	50 lb	66051

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	

LASHING WIRE				
	Stainless steel 1 200'	660660		
	Medium gripple 10-14 GA	665503		
A STALL PADE	Large gripple 7,5-10 GA	665505		
	Jumbo gripple 10-12,5 GA	665511		
/	Repair wire #9 (orange)	662000		
	Repair wire #10 (black)	662001		
	Repair wire 3/16"	662003		
1	Repair wire for 1/4" cable	662004		
	Steel cable 1/8"	60042		
	Steel cable 3/16"	60045		
	Steel cable 1/4"	60043		
~~~~	3/8" hook tensioning screw	667073		
6 16 OF	Galvanised steel ratchet	ETMRAT01		
E	Rachet handle for wire	ETMRAT02		
	Screw eye bolt 1/2″ x 5-1/4″ x 1″ zinc	664160		
11	12,5 GA wire link	WL12LINK		





**PRUNO TOOLS FOR TUBING** 

#### PRUNO TOOLS FOR SPOUTS AND TUBING



for mainline level

\*Level not included



Mini 3/16" installation pliers with adjustable automatic 6623156 pressure and cutter

6623160

6623158

Repair pliers with automatic

tension and tubing stretcher



Mini 3/16" installation pliers 66515 with adjustment screw



5/16" installation pliers with adjustment screw



Repair pliers with adjustment screw with knife 66501 and tubing stretcher



Deluxe double automatic tubing tool with cutter and 662153 tubing stretcher

#### **PRUNO WIRE GRIPPER**



Spring loaded wire gripper

667068



2023

PRUNO PUNCH		
	5/16" mainline punch	66185
X	31/64" mainline punch	661851
	5/16" drill bit and handle	66185P
	31/64" drill bit and handle	661851P
	31/64" only drill bit * Product available in lim	664979* ited quantity.

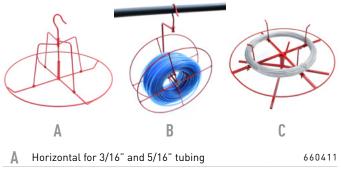
#### **PRUNO FLOW STOPPER TOOL**



Flow stopper tool with 66499 adjustment screw

#### **PRUNO TUBING WINDER**

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



В	Vertical for 3/16" and 5/16" tubing	660410
С	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!



#### MARKING WILL LAST 1-2 YEARS

#### **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





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1	O HATTENS
Y	STANDARD MARKER
the state	MANKEN
-	Se al
101 101	WOOD MARKER TRACEUR PORCETER TRACEMENT PORCETAL
111	A series of particular and the series of the
	Net weight: 14.3 (br (401 c)

Orange Fluo Marker	661174
Yellow Standard Marker	661172
Red Standard Marker	661177
Blue Standard Marker	661179



668086

668089

668088

66496

66497

68049

#### **WIRE TOOLS**

#### **TOOLS FOR TUBING**

	CDL wire bender 650 kg	667079		30" Drop line cutter
	Permanent wire gripper for path crossing	667066		36" Drop line cutter
	Crimping tool	665701		
	High tension wire cutter Cuts high carbon wire easily	73069		40" Drop line cutter
	"Contractor" pliers for gripple installation	665504		5/16" Drop line pliers
	Light clamp for gripple	665522		3/16" Drop line pliers
	Manual wire twister	66090		Pliers 5/16" aluminium
	Automatic wire twister	66091	REELS	foam sleeves
TOOLS FOR PRI MAINLINES INS			Galvanized	60416
010	Pre-lashed mainline retention hook	660604	· · · ·	50417
			Wire reel 60 (optional)	60418





Wire puller for pre-lashed mainline

660605



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

	3/16" Compact insertion pliers I	73067	Many other	<b>en larger choic</b> models in store to answer and budget, check it out!	
	Compact insertion pliers Icebreaking jaws	73062		3/16" tension hooks	669103
	Aluminium binder 30"	68044		5/16" tension hooks	669104
	3/4" to 1-1/2" tubing cutters	63001			
	2" tubing cutters	63005		Repair pliers for 3/16" tubing	ETPTR0316C
	5/16" nut driver	660911		FISKAR pliers	63FISK
MARKING ACCE	ESSORIES AND TOO	LS			
	Orange fluorescent tape	661015	David White	Sighting hand level	666566
	Pink fluorescent tape	661016		The Forestry Pro II laser rangefinder/hypsometer	

661018

661017

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



PREMIUM QUALITY

TAPE 4-SEASON

Yellow fluorescent tape

Blue fluorescent tape

back

#### CDL DRILL BITS - HIGH PERFORMANCE



ightarrow High precision	17/64" drill bit	66252
sharpening	19/64" drill bit	66259
→ Developed to maximize cutting	1/4" drill bit	662414
accuracy in frozen	5/16" drill bit	662516
and semi-frozen wood	19/64" long drill bit Ideal for Precision Tapper	662542
$\rightarrow$ No cutting burr $\rightarrow$ Developed	1/4" long drill bit Ideal for Precision Tapper	662415
for maximum performance in	5/16" long drill bit Ideal for Precision Tapper	662540
sugar maple and red maple trees		

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



$\rightarrow$ 1.5 to 2 times more		
durable than a standard tapping bit	19/64" bit	662590*
$\rightarrow$ Increased corrosion	5/16" bit	662517*
resistance		* Available in limited quantity.

#### **BOLDUC DRILL BITS**

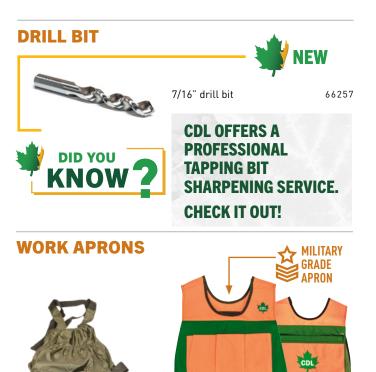


14		~			
11			2		
AT AT		0		5	
	A.	200	A A	an an	
34		A	10		

BOLDUC

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







front

#### **TAPPING ACCESSORIES**



cdlinc.ca | cdlusa.com





## 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, 3. 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)
- > 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 3. 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.

- > 3 tablespoons butter





## PRECISION TAPPER

## **PROFITABILTY STARTS FROM TREES!**

#### PREVENT

- Oamaged drill bits
- Inconsistency
- 🗸 Oval holes
- Holes tapped too deep

#### **GET RID OF**

- Vacuum loss
- Production loss
- 📀 High labor cost
- **VINhealthy trees**



PERFECT TAP, PERFECTLY AIRTIGHT.

C con

## PERFECT ANGLE AND TAP HOLE DEPTH





Precision Tapper<sup>™</sup> kit Includes: 1 drill, 2 batteries, 1 carrying bag and 1 precision template. \*Tapping bit adaptor not included.

663970

663971



Precision Tapper™ adaptor Installation included on your drill. \*Drill bit not included.

#### Drill bits adaptors

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





#### TAPPING DRILL AND ACCESSORIES

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

)	20V Dewalt drill	663920
	20V Dewalt battery	663925
	12V-20V Dewalt charger	663921
	Carrying bag	663920K

THE BEST TAPPING DRILL SPECIFICALLY DESIGNED FOR

THE MAPLE SYRUP INDUSTRY.



#### **BACKPACK CLEANING KIT**

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

Specifically developed by CDL for work under vacuum.

X	Backpack cleaning kit with harness and dozer	661616
Aliter container	Backpack cleaning kit with harness, without dozer	661612
	Dozer gun only, 10 to 20 ml	661698
	Harness only	661691
	Replacement tube kit for CDL dozer	661692
	Three-piece kit for dispenser spout	661693
anno	Spring for CDL dozer	661694
	Scew cap for CDL dozer	661689

#### BRUSHES FOR BUCKETS AND SPOUTS

	For 1,5-gallon bucket	72940020
Remain	For 2-gallon bucket	72940031
Without eyelet	For 7/16" interior spout	72940041
With sleeve	For 7/16" interior spout	663562
Marray and a state of the state	For 5/16" - 19/64" spout	663563

#### **TUBE CLEANING SPONGES**

3/4" - 1"	661432
1-1/2" - 1-1/4"	661433
2″	661435
3″	661436

#### **SPOUT REMOVERS**



Α	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
0	Aluminum spout remover   48"	68031
L	Aluminum spout remover   60"	68032

#### **CONNECTORS**

..... INS x INS

3/4"	662034
1"	662035
1¼"	662037
11/2"	662038
2" 3"	662039
3"	662033

#### **REDUCERS**

COLUMN TWO IS NOT	Telephone and the
and the second second	

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

#### TEES



#### INS x INS x INS

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



INS x INS x MIPT

1" 1½" x 1½" x 1"

**HOOK PLUGS** 

3/4"

1"

1 1/4"

66075251 730308



INS x MIPT x INS	
3/4"	71343415
1"	660515
1¼"	66031066
11⁄2"	66031056

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 ¾"	660751
1" x ¾" x ¾"	660752
1¼″ x 1″ x 1″	6607511
1¼" x 1¼" x ¾"	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 ¾"	6607514
2" x 2" x 1"	6607513
2" x 2" x 1¼"	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

INS x INS x INS

Y



MIPT x INS x INS 66075121 3/4" 1" 66075122



66075124

#### **VACUUM ADAPTOR**



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

666834

666801

666114

666112

666802

666803

666804

3/4"





MIPT x INS	
1/4" x <sup>5</sup> /16"	664555S
1/2" x <sup>5</sup> /8"	710563
3/4"	665589
1"	665592
1¼"	665591
11⁄2″	665590
2" 3"	665593
3"	660003

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



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



#### **COUPLINGS**

1/4"	6010FC025
3/8"	6010FC0375
1/2"	6010FC05
3/4"	6010FC075
1"	6010FC1
1¼"	6010FC125
11/2"	6010FC15
2"	6010FC2

#### TEES

0

		FIPT
	1/4"	712525
	3/8"	6010T0375
1-	1/2"	711212
	3/4"	713434
	1"	711010
-	1¼"	6010T125
	11/2"	6010T15
	2"	6010T2

#### THREADED PLUGS

		FIPT	
	1/4"	SCA02	5
1	1/2"	SCA050	)
	3/4"	6010BF34	4
	1"	6010BF	Ī
S)/	11/4"	SCA12	5
	11/2"	SCA150	)
	2"	SCA200	נ
		MIPT	
	1/4"	6010B25	5
	3/8"	6010B38	3
	1/2"	6010B12	2

72	0010012
3/4"	6010B34
1"	6010B1
1¼"	6010B114
11/2"	6010B112
2"	6010B2

#### **ELBOWS**

	90° F	FIPT x FIPT
	1/4"	6010914
	3/8"	601090038
- W	1/2"	601095
1	3/4"	6010975
	1"	6010901
	11/4"	601090125
ace.	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° FIPT

 ½"
 \$4E050

 ¾"
 \$4E075

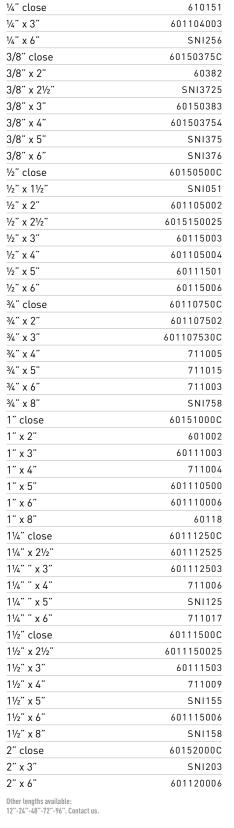
 1"
 \$4E100

 1¼"
 \$4E125

 1½"
 60109415

NIPPLES





REDUCERS



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



¼" x 3/8"	711014
1/2" x 1/4"	715025
½" x 3/8"	705038
3/4" x 1/4"	713414
3⁄4" x 3/8"	713438
<sup>3</sup> /4" x <sup>1</sup> /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
1¼″ x ½″	665551
1¼" x ¾"	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
4"	60GASKETVALPAP4EPDM

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



6788991D3
6788991D4
67THRE2X114ST
6598140
6598142
6598141

#### QUICK COUPLINGS



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

RT ONLY
736650
736651
736652
736655
736656

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



1½" x ½"	66624
1½" x ¾"	736654
1½" x 1"	6788991D1
11⁄2" x 11⁄4"	770060
1½" x 1½"	770024
2" x 1¼"	60R14SW214
2" x 2"	60R14SW22
2" x 1½"	60R14SW215
21/2" x 2"	770049

#### **CLIPS FERRULES**



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



HEAVY DUTY	
11⁄2"	60R13HC112
2"	60R13HC2
21/2"	60R13HC212
3"	60R13HC3
4"	60R13HC

#### SILICONE GASKETS FOR FERRULES

	$\bigcirc$
11/2"	60GASKET112SILI
2"	60GASKET2SILI
21/2"	60GASKET212SILI
3"	60GASKET3
4"	60GASKET4

## STAINLESS STEEL PLUMBING IS OUR BUSINESS!

CDL IS THE NUMBER 1!

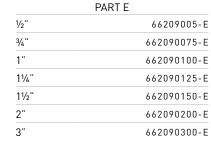
OUR TEAM HAS THE EXPERTISE TO INSTALL AND REPAIR AT YOUR FACILITIES ALL YOUR STAINLESS STEEL PLUMBING NEEDS.

CALL OUR SERVICE DEPARTMENT FOR MORE INFORMATION.





## BEST PRICE/QUALITY RATIO!



PART F	
1/2"	66209005-F
3/4"	662090075-F
1"	662090100-F
1¼"	662090125-F
11⁄2″	662090150-F
2"	662090200-F
3"	662090300-F



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

	PART DC	
		662090075-DC
		662090100-DC
,,		662090150-DC





662090200-DC

662090300-DC

REDUCERS   MIPT	x FIPT
3" x 2"	63251

NIPP	LES   MIPT x MIPT
2"	63248
3"	63247

BALL VALVES	
2"   FIPT	63242
2"   MIPT	63243
2″   3-way FIPT	710156
3"   FIPT	63253









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

2"

3"

PART A	
1/2"	66209005-A
3/4"	662090075-A
1"	662090100-A
1¼"	662090125-A
11⁄2"	662090150-A
2"	662090200-A
3"	662090300-A



FARID	
1/2"	66209005-B
3/4"	662090075-B
1"	662090100-B
1¼"	662090125-B
11/2"	662090150-B
2"	662090200-B
3"	662090300-B

66209005-C

662090200-C

662090300-C

66209005-D

662090075-D

662090100-D

662090125-D

662090150-D

662090200-D

662090300-D

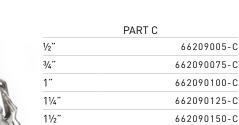
6607901

6607902

6607903

6607904

6607905



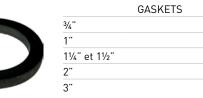




PART D

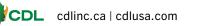


#### **QUICK COUPLINGS / POLYETHYLENE**



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





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





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

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

#### **B- ADAPTORS**

FIPT
64091
64092
64093
64094
64096
63230

MIPT x INS	
1/2"	66195
3/4"	64054
1"	64056
1¼"	66198
11/2"	66199
2"	66200

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

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

**D-TEES** 

1/2"	66022
3/4"	66023
1"	66029
1¼"	6602801
11⁄2″	66030
2"	66033
1/2" x 1/2 x 3/4"	63150
3/4" x 3/4" x 1/2"	635002
3⁄4" x 3⁄4" x 1"	63152
1" x 1" x ½"	660240
1" x 1" x ¾"	66024
1" x 1" x 1¼"	66020
1¼″ x 1″ x ½″	660200
1¼″ x 1″ x ¾″	660200
1¼" x 1" x 1"	6602003
1¼" x 1¼" x ½"	660200
1¼" x 1¼" x ¾"	6602
1¼" x 1¼" x 1"	6602
1½" x 1¼" x 1"	6602801
1½" x 1¼" x 1¼"	6602802
1½" x 1½" x ½"	660280
1½" x 1½" x ¾"	6602
1½" x 1½" x 1"	6602
1½" x 1½" x 1¼"	6602
2" x 1½" x 1½"	660210
2" x 2" x ½"	660210
2" x 2" x ¾"	6602103
2" x 2" x 1"	6635
2" x 2" x 1¼"	660210
2" x 2" x 1½"	660210

#### INS x INS x MIPT

<sup>3</sup> /4" x <sup>3</sup> /4" x <sup>3</sup> /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>/4" x <sup>3</sup>/4" x <sup>1</sup>/2"

3/4" x 3/4" x 1/2"	6602901
1" x 1" x ½"	6602701
1¼″ x 1¼″ x ½″	66025010
1½" x 1½" x ½"	6602601

INS x INS	
1/2"	66012
3/4"	66013
1"	66014
1¼"	66015
11⁄2"	66016
2"	63220

#### **F- REDUCERS**

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

#### **G-90° ELBOWS**

1/2"	66045
3/4"	66046
1"	64068
1¼"	64070
1" x ¾"	64073
11/2"	64072
2" 3"	66666
3"	66677

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

#### **H-CAPS**

INS	
1/2"	66076
3⁄4" 1"	66043
1"	66059
1¼"	66060
11⁄2"	66061
2"	66062



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

<b>CROSSES (SI</b>	<b>.IP</b> )	١	(SLIP)		
	1"	6608152		1"	6613149
	11⁄2″	6608153		11/2"	6613150
	2"	6608154	and the second sec	172	0013130
	21/2"	6608156	-	2"	6613152
	3"	6608155		3"	661330

#### **TEES**

		FIPT x FIPT x FIPT		SLIP x SLII	P x SLIP
	1/2"	6317	77	1"	63184
	3/4"	6318	32	11/2"	66058150
	1"	6318	80	2"	665545
	1¼"	6317	/8	3"	664565
	11⁄2″	6317	79	4"	664599
	2"	6318	31		
$\frown$				PVC SUP	PORT
		SLIP x SLIP x FIPT		1" x 1" x 1"	6645303
	1"	63180	11	1½" x 1½" x 1½"	6645304
~	11/2	6605815		2" x 2" x 2"	6645305
	2"	66563	57	3" x 3" x 2"	6645306

#### **ELBOWS**

11⁄4"

11/2"

2"

3"

4"

1"

			90° ELBOWS (MIPT x SLIP)
66147		1"	
088152		11/2"	6
665530	4	2"	
665499			90° ELBOWS (SLIP x SLIP)
63214		1"	
		11/4"	
631981		11⁄2″	6

2"

3"

4"

11/2"

11/2"

2"

3"

1"

11/4"

11/2"

2"

3"

4"

3"

21/2"

631982

665527

63207

661471

665526

665543

665534 63203

66088160

66088156

665540

665529

63130

63131

66088153

665531

665536

63215

NEW 66549945

90° ELBOWS (SP x FIPT)

22.5° ELBOWS (SLIP x SLIP)

45° ELBOWS (SLIP x SLIP)

45° ELBOWS (SP x SLIP)

66088150

66088154

SLIF	2)	
	631981	
IEW	66068161	
	66088151	
	665532	
IEW	66068159	
	665528	











90° ELBOWS (SP x SLIP)	
	66147
	66088152
	665530
	665499
	4221/

#### 63214 90° ELBOWS (FIPT x



#### 90° ELBOWS (FIPT x FIPT)

1/2"	63196
3/4"	63197
1"	63198
11⁄4"	63163
11/2"	63166
2"	64086
3"	665512



11⁄2″ x 1″

11⁄2" x 11⁄4"

21/2" x 11/2"

21/2" x 2"

3″ x 1½″

3" x 2"

3" x 2½"

4" x 2"

4" x 3"

2″ x ¾″ 2" x 1½"



CO	NNEC	TORS	(SLIP)

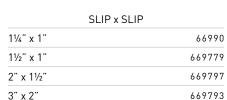
1"	66452
11/2"	66098150
2"	665535
3"	668831
4"	668835

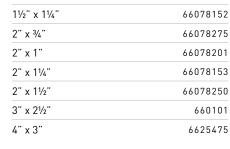


ONNECTOR	S (SLIP)	
	21⁄2" x 3"	
	2" x 1½"	

MILLE X SEI	
66068151	
66068152	
6606802	

1½″ x 1″		6
2" x 1½"		6
3" x 2"		6
	MIPT x SLIP	







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 1¼"	66078153
2" x 1½"	66078250
3" x 2½"	660101
(", , , )"	( / ) = / 7 =

SP x FIPT



MIPT x FIPT	
1/2" x 1/4"	66975
<sup>3</sup> /4" x <sup>1</sup> /4"	660777
3⁄4" x 1⁄2"	63185
1" x ¼"	63051
1" x ½"	66973
1" x ¾"	63050
1¼" x ½"	63171
1¼" x 1"	63170
1½" x ¾"	66976
1½" x 1"	66977
1½" x 1¼"	66974
2" x ¾"	669782
2" x 1"	669791
2" x 1¼"	66978
2" x 1½"	66979
21/2" x 2"	6697951

SP x SLIP





	1½" x ¾"
	1½" x 1"
	1½" x 1¼"
	2" x ¾"
	2" x 1"
	2" x 1¼"





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

66068158

669783

660481

669787

662545

669795

669794

669786

679799

669796

669788 669778

👋 NEW



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



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



	SLIP x INS	
	1"	63011
	11/2"	665557
11	2"	6655461

#### **ADAPTORS**

11/4"

2"

#### **QUICK CONNECTORS**

	SLIP	x SLIP
5	1"	66699
	1¼"	667003
	11/2"	66700
	2"	66701
I	3"	66702
	4"	667044

FIF	PT x FIPT
1"	66698
1¼"	667004
11⁄2″	6670012
2"	667012
3"	66693









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

660848HD

660838HD

660849HD

660848

660838

660849

660843

Stainless steel



1"

11⁄4″

11/2"

1"

11⁄4"

11/2"

2"

Heavy duty. For HD mainline

Sin Co
--------

Heavy duty

Heavy duty stainle

	3"	660842
у	4"	660854
	1"	660848S
>	1¼"	660838S
	11/2"	660849S
	2"	660843S
ess steel	3"	660842S

11/2" 660846 2" 660847 For flexible hose





1"

11⁄2″

2"

3"

4"





#### MIPT

SLIP

669734

630351

668820

66881

66882

660521

660801

660802

660586

630352

660583 660584

660806

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

#### **ADHESIVES AND TEFLON**



Α	FusionPro tape, 2,5 cm x 3 m (1" x 10')	🔰 NEW	6613001
D	PVC glue, 118 ml		667055
D	PVC glue, 473 ml		667056
С	Teflon, ½" x 40' (10 m)		64100
D	Blue Monster Teflon tape ½" x 1429"		64102
Ε	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, 1/2" x 260" Grey Teflon is designed for stainless steel fittings		64106



2023



6617053

601438

601412

601475

601414

601415

6013TBV21

6013TBV22

66177075

66177100

66178075

66178100

71017

BALL VALVES (FIPT)

BALL VALVES (INS x INS)

BALL VALVES (INS x FIPT)

3-WAY VALVES (OSMOSIS)

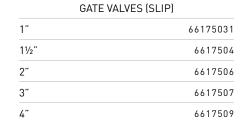
#### **PVC VALVES**



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







#### BALL VALVES HEAVY DUTY (FIPT)

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



1"	71014
	3-WAY VALVES (STANDARD)
3/4"	71076W
1"	71077W

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

		FIPT x FIPT		SLIP
	1"	6618100	1"	6618103
.50	11⁄2″	6618101	11⁄2″	6618104
	2"	6618102	2"	6618105

#### **CHECK VALVES**

		SLIP x SLIP CLEAR PVC	
	11/2"		6607112
	2"		660702
	3"		660703
1-		FIPT x FIPT CLEAR PVC	
1)=	1/2"		660712
	3/4"		660734
	1"		660701
	11⁄4″		660714
	11/2"		660715
	2"		660716



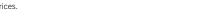
	FIPT x FIPT	
1/2"		660731
3/4"		660733
1"		660711
	SWING CHECK VALVES	



Stainless steel

1"				

	FIPT x FIPT	
1/2"		66073







**STAINLESS STEEL VALVES** 

1/4"

<sup>3</sup>/8″

1/2"

3/4"

1"

11⁄4″

11/2"

2"

3/4"

1"

3/4"

1"

3/4"

3-WAY VALVES (S	ΓAI
3/4"	
1"	

#### **PVC FLEXIBLE PIPES**

	1"	6645101
	11/2"	6645001
	2"	6645002
	3"	6645003
Not approved food ara	do	

# 00 06

\*Price by foot

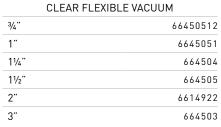
#### **PVC RIGID PIPES**

	1"		6645100
	11⁄2″		6645006
	2"		6645020
	3 "		6645011
	4"		664513
7		CLEAR	
)	11/2"		6625601040
	2"		6625801040

WHITE

	11/2"
	2"
Sold in 10' length	3 "
	4"
	11⁄2″
Sold in 8' length	2"

#### HOSES





3/4"	66450512
1"	6645051
1¼"	664504
11⁄2″	664505
2"	6614922
3"	664503

FLEXIBLE HIGH	I PRESSURE
3/4"	66243
1"	6600400
1¼"	6600500
11/2"	66006099200
2"	661491
100 PSI and more (pressure)	

For pressure pumps



For e

#### GREEN FLEXIBLE

1111	1"	620610
	1¼"	620612
	11/2"	620615
MUM	2″	620620
	3"	62030
extractors plumbing.	4"	620640

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

	A B	0	
٨	Clear 5/8"		6600210
A	Clear 1"		6600110
В	5/8" High temperature high pressure Use between the pump and the plates.		66285

# Not approved food grade

#### **PVC STRAPS** 1 "

1"	667401
1¼"	667413
11⁄2"	667415
2"	667420
3"	667430

#### \*Price per foot

# 

3/4"	6600300
7/8"	660078*
1"	66004001
1-1/8"	660112*
1¼"	664507
Not recommended for vacuum (maximum 30 PSI) * Use on CDL reverse osmosis	

1/8" CLEAR THIN WALL

#### 1/4" CLEAR THICK WALL

i) i ello i i i i i i i i i i i i i i i i i i	
3/4"	660030012001
1"	660040012001
1¼"	660050992001
11⁄2"	660060992001
2"	66149
Can be used with vacuum (50 to 60 PSI maximum)	

Maximum 24 inches of mercury.

#### **1/4"POLYETHYLENE TUBING** \*Price per foot

		1/4"POLYETHYLENE	
0	1/4"		661415

#### **RUBBER COUPLINGS AND CLAMPS**

	COUP	LINGS
	11⁄4"	66094
INNIN	11⁄2″	669050
	2"	669051
	3"	669058
	4"	669060

	Country of
1	10000

REDUCE	ERS
1½" x 1¼"	66099
2" x 1½"	66098
4" x 2"	669054
3" x 4"	669059



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





#### 2023

#### \*Price per foot

# 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





CCDL INTELLIGENCE MAPLE SUGARING MANAGEMENT SYSTEM

**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

# WISENESH

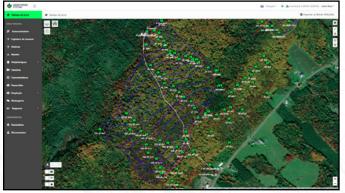
## SMART MAPLE PRODUCTION NETWORK

# 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

original													-
Name     Amoundation	-	# Detfinent / 9	dire										0-122-100-220
Numerical and the state of the sta				e 🚺			¥ 🚺			× 🚺			a.
28.8     27.4     5.1     28.4     27.3     5.6     28.7     27.8     2.1     27.4     28.7     2.2       88.8     68     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88     88		Alexe Imp	Ampeling	Surgesture (1)	Advance (comp)	Awaystrap	Sequence (0)	Newtong	Average (19)	g Sequences (10)	Advant Served	Annapitrisi	Sequences (1)
No.         No. <td></td> <td>28.8</td> <td>27.6</td> <td>1.1</td> <td>28.6</td> <td>27.5</td> <td>1.6</td> <td>28.7</td> <td>27.8</td> <td>2.1</td> <td>27.6</td> <td>26.7</td> <td>2.2</td>		28.8	27.6	1.1	28.6	27.5	1.6	28.7	27.8	2.1	27.6	26.7	2.2
Numering         Augering         Values (1)         Main angle (1)         Values		28											
Numering         Augering         Values (1)         Main angle (1)         Values													
28.7 28.7 1.8 27.8 28.5 1.3 KY 10 10 10 10 10 10 10 10 10 10 10 10 10					_								
		. 17	••	2 80	20								
	• •												
	-												

Station overview



Data accessible anytime, from anywhere >

WITH CDL INTELLIGENCE,

**YOU'RE GAINING ACCESS** 

**TO A RESPONSIVE,** 

**IT'S GUARANTEED TO** 

**USER-FRIENDLY** 

**INTERFACE.** 

- > Resolution adjusted for your computer, tablet, or smartphone
- > Simplified design for even more intuitive navigation



CDL cdlinc.ca | cdlusa.com

#### **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)

A Remotely measure the vacuum in one master line and see the ambient temperature in the woods. Batteries recharged by solar power.

#### Vacuum sensor (double)

B Remotely measure the vacuum in two master lines and see the ambient temperature in the woods. Batteries recharged by solar power. SE100-V

SE100-V-2

#### Communication gateway V2

- C
   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
   22201A
- Induction charger for the portable gateway.
   V2 antenna deportation kit (20 ft)

21072

#### **INTERFACE**

#### **CDL** Control base

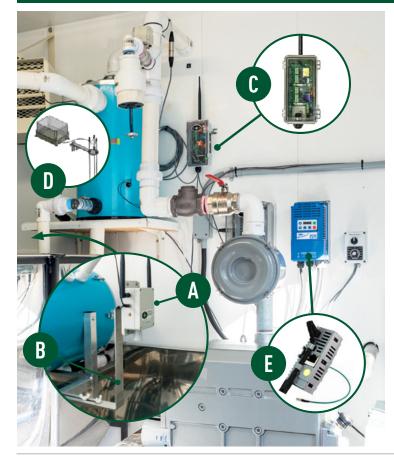
Microcomputer required to run your CDL Intelligence system on your devices (computer, tablet, smartphone).

21082A





#### **PUMPING STATION**



#### **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

#### Tank level sensor

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

#### 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.

#### Multifonction controller (in/out)

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

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

#### Tank level sensor kit with probes

Provides automatic control of pressure pumps.

#### **Communication module**

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

#### 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

521256

> 1/4" MIPT pressure probe included (to be installed on the discharge line)

#### **TESTIMONIAL**



#### - Maxime Poulin,

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



#### **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!



SPECIAL INTRODUCTORY PRICE. FIND OUT ABOUT IT! 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

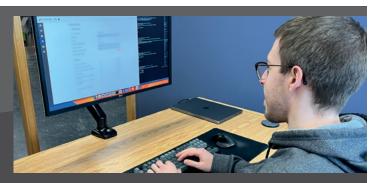
#### About the app.:

- > 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

#### 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 24-739 GPM	210300



#### **MOTORIZED VALVES**

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

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	(FFT
		hat 1



#### 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!

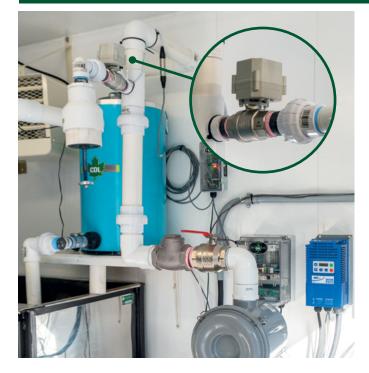
#### Operates using the CDL Intelligence app.

- > 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

20210



#### **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

# Image: state state

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



#### CDL IS THE ONLY MAPLE COMPANY THAT HAS A TELECOMMUNICATIONS SPECIALIST WITH MANY YEARS OF EXPERIENCE IN:

- > Installation of the CDL intelligence system
- Sale, installation and configuration of computer systems
- > Sale of fiber optic systems
- Sale and installation of cameras
- > Telecommunication by antennas
- > Automation
- > Networking

Martin Berube, telecommunications specialist at CDL

#### 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.



#### **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;

12" x 24"

18" x 36"

18" x 36" 🕂

18" x 48" 🥂

18" x 48" 🥂

Pressure gauge not included

> Now pre-tapped to receive the self-cleaning sprinkler in option – 72000201

1/2 HP (120V)

1/2 HP (240V)

Low pressure 2 x 2 HP

Low pressure

1-1/2 HP

1 x 2 HP

> Drains with a check valve so it empties by itself - 662482

INLETS

6 x 1"

8 x 1-1/2"

8 x 1-1/2"

8 x 2"

8 x 2"

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

CAPACITY AT 27" HG

1224ES

1836ES

1836ES15

2048ES2LP

2048ES2DLP

2,400 taps

3,500 taps

7,500 taps

12,500 taps

25,000 taps



The electrical box may differ from picture.

#### Submersible conversion kits available.



#### **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"	
7200098A	

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







# **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.

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

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

360° cleaning

efficiency

#### **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

Pressure gauge not included

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



MAPLE SUGARING MANAGEMENT SYSTEM





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.

#### **MECHANICAL EXTRACTORS**



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;
- > 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

Pressure gauge not included





202612

#### **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



~		
D	CDL 3" moisture Trap	710605
D	Electric option	667282

#### **REPAIR PARTS**

<u> </u>	Snaps D-2000 folded	662641P
	Hinge and spring kit for extractors	662481

# Ask our experts to drill additional holes at low cost.

#### **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



#### VACUUM BOOSTER TANKS THICK WALL





Pressure gauge included

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

VERTICAL

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

#### **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

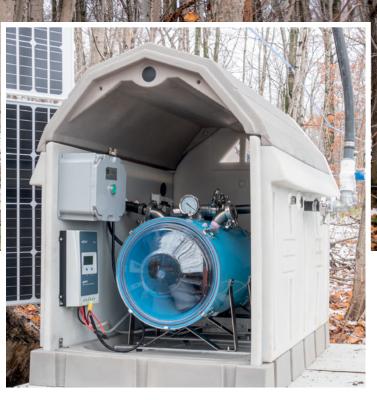


This equipment is used to lift sap from one pipe to another sloping down to a pump station. The system can lift sap up to 20 or 33 feet of elevation depending on model.

- 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

#### 230 V Electric models

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

From 300 to 1,000 taps*	From 600 to 2,000 taps*	From 275 to 875 taps*
1 pump	2 pumps	2 pumps 280 GPH in series
7380002301P	7380002302P	7380002302P-HP

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

#### **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



CDL

ATENT

pending

CDL

## 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
  - + 19200 (14000 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 cord and male plug.						
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	3PH	(11 700 taps)	58300G110HP*			
* Available upon request.						

## **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

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



2023



15 HP 208-460V

3PH

(11 700 taps)

58300G115HP

#### 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
065 2HP 460V 100 3HP 460V	3PH 3PH	57065G62HP 57100G63HP

#### CDL HIGH VACUUM PUMP WITH GAS MOTOR

# OTOR AIF



# **100% CDL** ASSEMBLY

Gas powered CDL vacuum pump 5 HP assembled (less than 1 800 taps) 58041GG5HP

Gas powered CDL vacuum pump 9 HP assembled (less than 3 000 taps) 58064GG9HP

#### THE ASSEMBLY INCLUDES:

- ightarrow High vacuum CDL pump
- $\rightarrow$  Electric starter
- ightarrow Battery
- ightarrow Honda gas motor
- $\rightarrow$  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 E

Board for control panel

Available options :

6660200PA

Plumbing not included.

Moisture trap support

6660200SU

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



#### DIAPHRAGM VACUUM PUMPS

(IDEAL FOR SMALL PRODUCERS)

Source : 120 volts	A				C	
<b>ADVANTAGES</b> $\rightarrow$ Pumps up to 22			A	Single diaphragm vacuum pump (electric)	Up to 400 taps	669512
$\rightarrow$ Works without a $\rightarrow$ Easy to use and $\rightarrow$ Liquid won't dar	very compact;			Double diaphragm vacuum pump (electric)	Up to 800 taps	669514
$\rightarrow$ Can run dry with	- · · ·		В	24 VDC double diaphragm pump		
Inline filter requining the pump. See	red to prevent ice from going page 79.			Minimum of 12 hours of operation when used with 2x 12V DC 60 amp batteries. Batteries not included.	Up to 700 taps	669520
Note: These pump	os must be protected from fre	-	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
	Replacement diaphragm	G500SK-13				

#### **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!





#### **PHASE CONVERTERS**



	$230V \rightarrow 208V$ 1 $\rightarrow$ 3 PHASE CONVERTER	3 PHASE 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

## **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** CDL





Vacuum oil, 10 L Grade 60 Ideal for DeLaval pump Without reclaimer



**AUTOMATIC STARTERS** 



	IZUV	Z3UV	5/5V
			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

#### **AUTOMATIC STARTERS**



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

#### **VACUUM REGULATOR**



CDL 4.991



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



Vane pump oil 22 20 L

663520

Oil recommanded by



Screw pump oil Airtech VCX, 1 L AIRTECH

68AT03000

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

cdlinc.ca | cdlusa.com



#### GAUGES

	R R R R R R R R R R R R R R R R R R R						
	VACU	IUM	DIGITAL VACUUM		PRESSUR	E	GLYCERIN PRESSION
	A		В		С		D
A	Vacuum	2,5" 0-30 HG SS 4" 0-30 HG SS 3 % precision	64011SS 66120SS		Glycorin	2,5" 0-100 PSI SS rear outlet 2,5" 0-200 PSI SS rear outlet	66333155 66334955
В	Digital vacuum	0-30 HG	64019	D	D Glycerin pressure	2,5″0-600 PSI SS rear outlet	663337SS
С	Pressure	2,5"0-100 PSI SS bottom outlet	64010SS			2,5"0-1000PSI SS bottom outlet	64014SS

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

	GOULD PUMPS NPE SERIES			
	3/4 HP	1 st	6690	
	1 HP	1 st	6690	
	1-1/2 HP	1 st	6690	
	2 HP	1 st	6690	
	3 HP	1 st	6691	
5 (P) / 19	2 HP	2 st	6690	
and the	3 HP	2 st	6691	
	5 HP	2 st	6691	
220V	2 HP	3 st	6691	
OTHER VOLTAGES AVAILABLE	3 HP	3 st	6691	
UPON REQUEST	5 HP	3 st	6691	

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

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

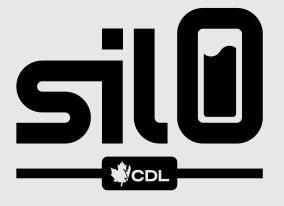


#### OTHER VOLTAGES AVAILABLE PLEASE CONTACT YOUR CDL STORE



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:

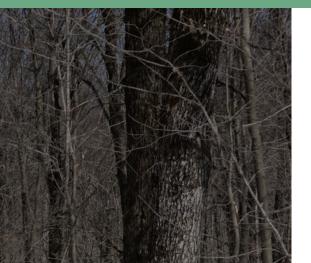
8 foot diameter: Height of 7.5', 10', 12.5', 15', 20' and 25'

**12 foot diameter:** Height of 10', 15', 20' and 25'









#### **INCLUDES:**

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

#### **OPTIONAL:**

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





# TRANSPORT TANKS

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

#### Heavy-duty, made of 304 stainless steel

#### **INCLUDES:**

 $\checkmark$ 

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

#### **OPTIONAL:**

> Water level

- > Single wash ball
- > Ladder > Double wash ball

> Lifting anchors

500 gal US	INSPECTION HOLE 8"	ANTI-WAVE SEPARATION		66TR500
500 gat 05	0			0018300
1 000 gal US	24"			66TR1000
1 900 gal US	24"		👾 NEW	66TR1900
3 000 gal US	24"			66TR3000
3 800 gal US	24"			66TR3800

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

Complete listing on our website

#### **ADVANTAGES**

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

#### Personalize your tank! Contact us for more information.

#### **TRANSPORT TANK FOR ATV**

CDL transport tank specially designed for ATVs

75 gallons capacity

66TR075



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

STRONG

STAINLESS STEEL DESIGN

bit.ly/cdlvideos

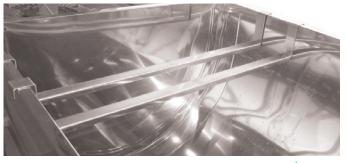
Elevated 6" for easier plumbing

#### **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.



cdlinc.ca | cdlusa.com



Stainless steel

#### TANK WASHER WITH REMOTE CONTROL

# Innovative feature!

# Labor-saving automated tank washing

Several sizes available. **Contact your CDL sales representative!** 

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

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

Adjustable stainless

1/2 HP motor at 30 RPM,

steel support.

FOR PLASTIC TANKS

115 Volts with 10' electric cord.

6792034



#### **UNIVERSAL MIXER AND STAINLESS** STEEL SUPPORT

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





**ADVANTAGES** 

#### **TANK LEVEL CONTROL**

6' level control for CDL tanks 73500-6

 $\rightarrow$  The CDL tank level controls are made entirely of stainless steel;  $\rightarrow$  In addition, you can very quickly and easily adjust the desired sap level where

the pump will start;  $\rightarrow$  The solidity of CDL controls prevent breakage caused

CAN BE

MAPLE SUGARING

#### **ADAPTORS**

	1/2"	RA5012
	3/4"	RA5032P
	1"	RA5034P
	1-1/4"	RA5036P
CREAFORC	1-1/2"	RA50309P
All and the second	2"	RA5042P
	3"	RA5454P
	FOR STAINLESS	S STEEL TANKS
	1-1/4"	668673
	1-1/4"	66867
	2"	668672



by ice.



#### NOT IN STOCK IN THE USA UPON REQUEST ONLY

#### **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**





Applicator tank Available size: 12 US gallons.



SPE400

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





В

US GALLONS WIDTH X HEIGHT X LENGTH LID SIZE

	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
Ŋ	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**





#### **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

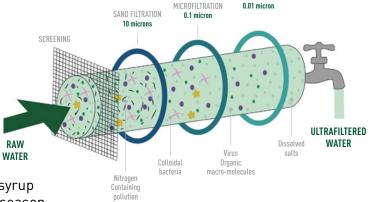
# TECHNOLOGICAL ADVANCEMENT OF FILTRATION

- 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)

SCAN TO SEE THE VIDEO bit.ly/cdlvideos

1.1



# pH-neutralization system - wall mounted730420Stainless steel floor fixation for pH treatement730421

#### **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

cdlinc.ca | cdlusa.com



#### 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

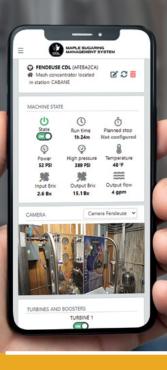
- > Ideal up to 2000 taps
- > 125 GPH to 250 GPH (1 or 2 posts)
- Main unit in stainless steel
- Frame on wheels for easy moving
- > Easy drainage
- > Pump in stainless steel
- > 4" post in stainless steel
- > Membrane: CDL MRO
- High and low pressure protection
- Power: 120 volts (17 Amps), 240 volts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

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



OSHO-A00007





LA FENDEUSE CLASSIC AND DELUXE

## **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!

1	FENDEUSE CLASSIQUE	MAIN FEATURES	FENDEUSE DELUXE
	500 À 1500 GPH	GALLON	500 À 3600 GPH
1	STAINLESS STEEL	MAIN UNIT	STAINLESS STEEL
	NO	FINISHING COVERING IN STAINLESS STEEL	YES
	PLASTIC	BOOSTER PUMPS	STAINLESS STEEL
ST.H.S	1	MAXIMUM NUMBER OF PUMPS PRESSURE (TURBINES)	2
and a second	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
Sec. Sec.	2	MAXIMUM NUMBER OF 20" PREFILTERS	3
C. S. S. S. S.	3 VERTICALS	MAXIMUM NUMBER OF MEMBRANES (POSTS)	1 TO 2 VERTICALS 3 TO 8 ON RO POST CART
( T )	YES	POSITIVE RECIRCULATION SYSTEM	YES
A	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

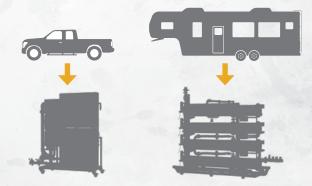
# CDL IS THE ONLY ONE IN THE INDUSTRY TO ALLOW YOU TO CONFIGURE YOUR CONCENTRATOR THANKS TO ITS NEW 100% MODULAR FAMILY!

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

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

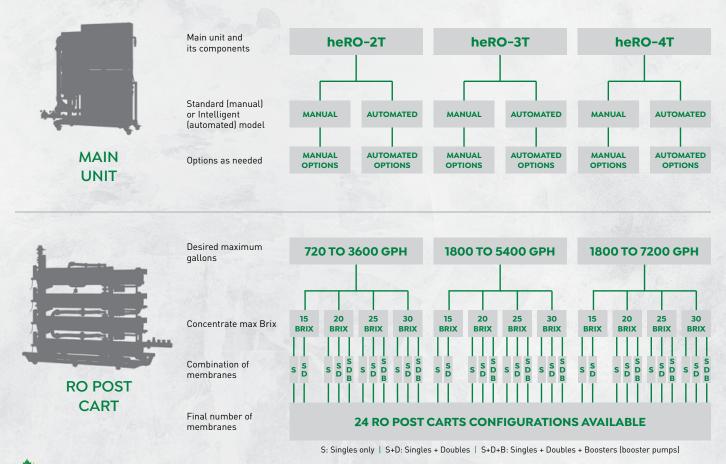
This flexibility in configuration will allow you to meet the current and future needs of your sugarbush while respecting your budget! Your concentrator will be scalable even when adding taps.

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.



# 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.

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

EROM

0 0 10

Stainless steel pressure pumps (turbines)

( e

Les Équipements d'érablière CDL Canada 1-800-361-5158 • USA 1-800-762-5587

- 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					
11		INCLUDED	OPTIONAL	REMOTELY CONTROL	INCLUDED	OPTIONAL	
	Maple water tank supply control			0	0		
	Permeate tank feed control			0			
MENT	Wash tank valve supply control	0		0			
AGE	Wash tank drain control			0	0		Contraction of the
VALVE MANAGEMEN	Concentration valve control			0	0		and the second
ALVE	Pressure valve control			0	0		1.1.1.1
>	Concentrate outlet valve control			0	0		E. W.
	Permeate outlet valve control			0	0		
	Brix reading (input and/or output)			0		0	1000
	Digital readout of concentrate flow			0		0	
	Digital readout of permeate flow		Ø	0		0	
S	Visualization of the sap tank level		0	0		0	194
CESSORIES	Visualization of the permeate tank level		Ø	0		0	(SAL)
CES	Visualization of concentrate level		Ø	0		0	AL LONG
AC	Conductivity reading					0	1 1 10
	pH reading					<b>⊘</b>	Control of
	Soap pump				0		A LE LE
	Acid pump					0	A WEIT
	Brix control			0		Ø	1 4 2 4 3
	Rinse after wash				<b>I</b>		10-10
SNO	Desugaring after concentration				0		1
АСТ	Repetitive hot water loop				0		
SES/	Preventive management of membrane clogging					0	
PROCESSES/ACTIONS	Washing management according to the permeability test (PWP) in regards of the biological standards					0	122123
	Washing pH control management					Ø	1
	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.

N.C.N.	MAIN UNIT
ALC: NOW	FEED PUMPS
N. M. S.	1 x 2 HP
and a lot	1 x 3 HP
a contraction	1 x 5 HP
A Section	PRESSURE PUMPS (TURBINES)
ALL NOT A	1 x 5 HP-Eco
0.0000	1 x 5 HP
(S) 25 10 2.	1 x 7,5 HP
	2 x 7,5 HP
A ALL	FILTRATION
24115	2 single 20" pre-filters
14 Mar 19	4 single 20" pre-filters
a line	1 multi-cartridge (equivalent to 1 x 5 20'' pre-filters)
	2 multi-cartridges (equivalent to 2 x 5 20'' pre-filters)
11000	R0 POST CART
2.1.1.2	NUMBER OF POSTS AND MEMBRANES
	1 to 10 posts and membranes
C. N. S.	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

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

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

Photo: Model heRO-3T Intelligent

Model appearance may vary.

sipements d'éroblière CDL a 1-800-361-5158 • USA 1-800-762-5587

# FROM 1800 TO

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

74010802:



#### 2023

		AUTOMATED				
		MANUEL				
		INCLUDED	OPTIONAL	REMOTELY CONTROL	INCLUDED	OPTIONAL
	Maple water tank supply control			0		
_	Permeate tank feed control	Ø		0		
MEN'	Wash tank valve supply control			0		
<b>NAGE</b>	Wash tank drain control			0		
LVE MANAGEMEN	Concentration valve control	Ø		0		
ALVE	Pressure valve control	Ø		0	0	
>	Concentrate outlet valve control	Ø		0	0	
	Permeate outlet valve control	Ø		0	0	
	Brix reading (input and/or output)		0	0		Ø
	Digital readout of concentrate flow			0		<ul><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li></ul>
	Digital readout of permeate flow			0		Ø
S	Visualization of the sap tank level		0	0		0
sorie	Visualization of the permeate tank level			0		Ø
CESSORIES	Visualization of concentrate level			0		
AC	Conductivity reading					Ø
	pH reading					
	Soap pump					
	Acid pump					
	Brix control			0		
	Rinse after wash				<b></b>	
ONS	Desugaring after concentration				<b>⊘</b>	
ACTI	Repetitive hot water loop				0	
SSES	Preventive management of membrane clogging					
<b>PROCESSES/ACTIONS</b>	Washing management according to the permeability test (PWP) in regards of the biological standards					0
	Washing pH control management					0
S. CANCERS	pH neutralization	100 X 100 X				

#### 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 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)
The second secon

#### **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

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

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

Photo: Model heRO-4T Intelligent

Model appearance may vary.

pements d'éroblière CDL 1-800-361-5158 • USR 1-800-762

## FROM 1800 TO

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.

12XO

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- Posts: Very reliable maintenance-free submersible motors for over 15 years
- High and low pressure protection
- > High temperature protection



		AUTOMATED			1000000		
		M	MANUEL				
		INCLUDED	OPTIONAL	REMOTELY CONTROL	INCLUDED	OPTIONAL	
	Maple water tank supply control	<b>⊘</b>		0	0		
	Permeate tank feed control			0	0		
MEN'	Wash tank valve supply control			0	0		
AGE	Wash tank drain control						all all
MAR	Concentration valve control	Ø		0	0		State State
ALVE	Pressure valve control	Ø		0	0		1000
>	Concentrate outlet valve control	Ø		0	0		
	Permeate outlet valve control	Ø		0	0		
	Brix reading (input and/or output)			0		<b>I</b>	1000
	Digital readout of concentrate flow			0		0	Section of
	Digital readout of permeate flow			0		0	Constant of
S	Visualization of the sap tank level			0		<b></b>	A SA
SORIE	Visualization of the permeate tank level			0		<b>I</b>	ALCONT OF
CESS	Visualization of concentrate level			0			E ALL POR
AC	Conductivity reading					0	101150
-	pH reading					0	a States
	Soap pump				0		The state of the
	Acid pump						A Baby
	Brix control			0			AL RUN
	Rinse after wash						100000
ONS	Desugaring after concentration				8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		1
ACTIO	Repetitive hot water loop				0		Contraction of the local division of the loc
SES/	Preventive management of membrane clogging						1000
PROCESSES/ACTIONS	Washing management according to the permeability test (PWP) in regards of the biological standards					0	26.10.20
	Washing pH control management					<b>I</b>	1000
	pH neutralization					<b></b>	

#### 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 7,5 HP
2 x 7,5 HP
PRESSURE PUMPS (TURBINES)
1 x 7,5 HP
2 x 7,5 HP
3 x 7,5 HP
4 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)

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

#### **RO POST CART**

#### NUMBER OF POSTS AND MEMBRANES

4 to 21 posts and membranes

#### POST AND MEMBRANE CONFIGURATIONS

Single membranes = 15 Brix max

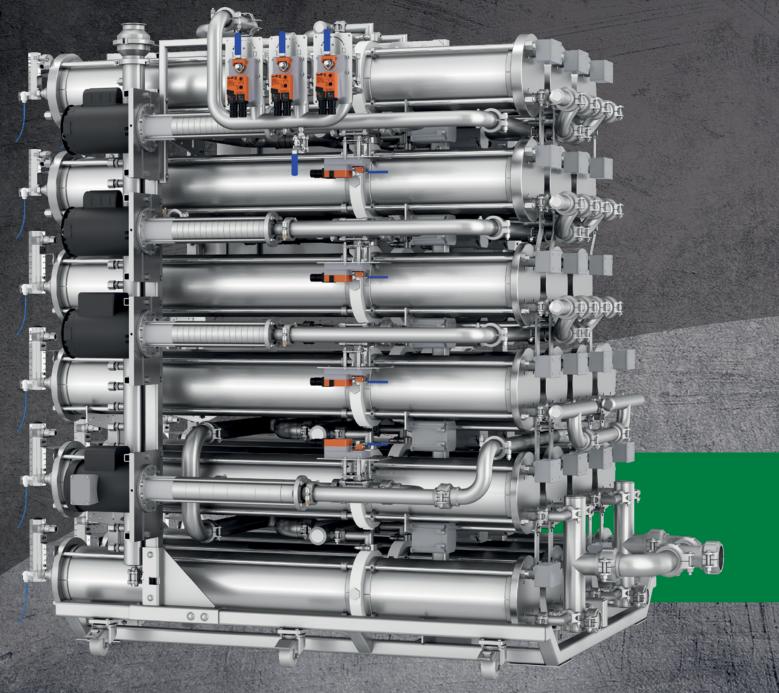
Single membranes + booster pump = 30 Brix max

Single + double membranes = 15 Brix max

Single + double membranes + booster pump = 30 Brix max

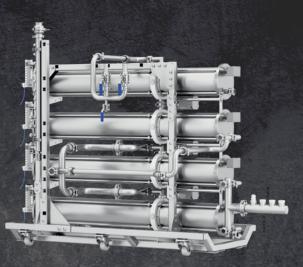
## 2.0 CDL RO POST CART

## 24 RO POST CARTS CONFIGURATIONS AVAILABLE. CONTACT US!



Example above: Intelligent RO post cart with 21 single posts





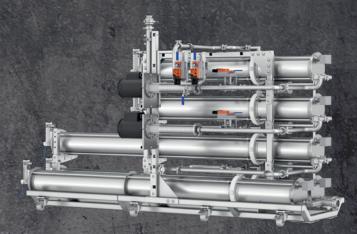
Example above: Manual RO post cart with 4 single posts



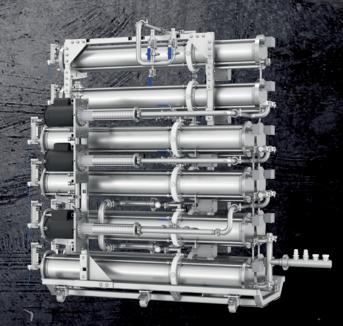
- > All stainless steel plumbing
- > High flow rate rinsing
- Drainage of the whole cart by gravity (optional)
- > Modular, possibility to add membranes over time according to your needs.
- > Simplified addition of membranes
- > Available in manual or automated model
- > Individual flow meter at the 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



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



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



Example above: Manual RO post cart with 10 single posts



#### **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 !

#### **ADVANTAGES**

 $\rightarrow$  Designed and manufactured by CDL;

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

#### PREFILTERS

	Pre-filter cartridge 5 mic. 9-7/8"	6682101
	Pre-filter cartridge 5 mic. 20"	66821
	10" synthetic filter protectors   12/pkg	66207
	20″ synthetic filter protectors   12/pkg	66208
$\overline{\mathbf{O}}$	6-1/2" plexiglass cover	66270
	10" filtration bag 6-1/2"x16"	EVBAG100
40	20" filtration bag 6-1/2"x 32"	EVBAG200
	30" filtration bag 6-1/2"x 30"	66823-30

MRO MAX MEMBRANES & STORAGE CANISTERS



	CDL	MR0 MAX
4" membrane	66016140	6604040
8" membrane	66016980	6608040
8" membrane (high pressure)	66HP16980	66HP8040
16" membrane	660016	-

# A 4" A B "

ł	4" storage canister	724204
3	8" storage canister	724225
	16" storage canister	724226

#### **MISCELLANEOUS**

· · · · ·	Food grade o-ring grease   6 g	66531
	Food grade o-ring grease   150 g	66535
	Wrench for blue filter	662283
	10 GPM Bluewhite flowmeter	661042
0	1/4" NPT valve x Tube 90°	6622312
$\bigcirc$	4" membrane U-cup	66402
$\bigcirc$	8" membrane U-cup	66401

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

cdlinc.ca | cdlusa.com



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

#### **MEASURING INSTRUMENTS**

3	CLEA	T THE CDL BRAND FOR Ning and Age solutions.	PH 0-2,5 Papers PH 0-2,5 Papers 50/pkg 50/pkg 1 or more on the other of the other 1 or more on the other 1 o	668802
		ALITY. EFFICIENCY.	pH 10-13 Papers 50/pkg	668813
			Calibration solution pH 10 500 ml	718866
A	COL CONDER CORRECT CONDER CONDER CORRECT CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDER CONDE CONDER CONDER CONDER CONDER CONDE		Calibration solution pH 4 500 ml	718865
			PH tester	665514
Ε	F	G H	Portable conductivity tester	718856
			Heating element 3 000 W - 240 V	66493
		Torran Contraction	Temperature control	669371
A	Citric acid 1 kg (powder) 66994	Organic membrane soap <b>WNEW</b> F "Superflow green" 2 kg (powder) 662404	FILTERS	
	Citric acid 20 L (liquid) 6699420	Organic soap	1-1/2" line filter + 24-micron cartridge	6615024
	For CDL inteligent RO	G "Superflow green" 662402 22.7 kg (powder)	1-1/2" 24-micron filter cartridge only	660024
B	Superflow soap 6624909 1 kg (powder)	H Peracetic cleaner 66298	1-1/2" line filter only	6615024K
С	Superflow soap 66239 20 kg (powder)	Storage solution 80000	2″ line filter + 24-micron cartridge	6620604
D	Organic soap "Superflow green" 66245 4L (Liquid)	J 50/50 Glycol 88020	2" 24-micron filter cartridge only	660025
_	Organic membrane soap		2" line filter only	6620604K
E	"Superflow green"	FOR ORGANIC CERTIFIED PRODUCERS	20" complete blue f ilter housing	665050

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

## THE MASTER-E!



#### Front view. Evaporator appearance may vary.

#### 100% electric and automated:

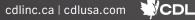
- Preheating with product recirculation
- Automatic steam compressor activation
- Evaporation with continuous concentrate feed and syrup output
- 100% sugar recuperation (desugaring)
- Automatic wash & rinse (no more scrubbing)
- Unmatched energy efficiency
  - Works on renewable energy
- Contains a 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

Covernment 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**

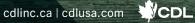
VOLTAGE	PHASES	AMPS
460 V	3	122.0 A
$575 V^{1,2}$	3	95.0 A
230 V <sup>2</sup>	3	243.0 A
240 V <sup>2</sup>	1	503.0 A
	460 V 575 V <sup>1,2</sup> 230 V <sup>2</sup>	460 V       3         575 V <sup>1,2</sup> 3         230 V <sup>2</sup> 3

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

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

0

6



6

Wood model shown

SCAN TO SEE

<u>194</u>



## **AVAILABLE SIZES:** 3' x 11' to 7' x 18'





# 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-O
- > Front/Rear pan washer
- > Motorized level control (ON-OFF)

Master

Master



### 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	
<b>Ratio</b> Cord / imp. gal	0.0065	0.0047	0.0032	0.0025	
\$ Cost / imp. gal	\$0.65 (CAD)	\$0.47 (CAD)	\$0.32 (CAD)	\$0.25 (CAD)	
\$ Cost / U.S. gal	\$0.81 (USD)	\$0.58 (USD)	\$0.40 (USD)	\$0.31 (USD)	
<b>\$ Cost / Barrel</b> (34 imp. gal, 40 U.S. gal)	\$21.99 (CAD) \$32.34 (USD)	\$15.82 (CAD) \$23.26 (USD)	\$10.99 (cad) \$16.17 (usd)	\$8.48 (CAD) \$12.47 (USD)	

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









Master evaporator - wood chips

\$3.55 (USD)

\$2.73 (USD)

#### **CHIPS EVAPORATORS** NOOD

- > 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

### **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

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

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

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

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

\$5.10 (USD)

\$7.09 (USD)

(34 imp. gal. 40 U.S. gal)





# 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	<b>\$0.88</b>	\$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 concentrate 15 20 25 30 Ratio Litre / U.S. gal 0.45 0.25 0.66 0.33 \$2.10 \$1.43 \$1.05 \$0.79 \$ Cost / imp. gal (CAD) (CAD) (CAD) (CAD) \$1.91 \$1.30 \$0.96 \$0.72 \$ Cost / U.S. gal (USD) (USD) (USD) (USD) \$71.31 (CAD) \$48.62 (CAD) \$35.66 (CAD) \$27.01 (CAD) \$ Cost / Barrel (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.



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

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

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

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

#### **STEAM BOILER**

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

#### Useful features of steam generator system:

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

## HIGH PRESSURE STEAM EVAPORATOR

#### MAIN FEATURES

FUEL	OIL, PROPANE, NATURAL GAS AND GAS COMBINATION
DIMENSIONS	25 HP, 35 HP, 50 HP ET 60 HP without certifications, up to 300 HP
EFFICIENCY	Unmatched evaporation power per square foot
AVAILABLE OPTIONS	Automated washing system, 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 outlets
- > Delivery and start-up by a CDL technician

#### **OPTIONAL:**

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



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

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	
Interchangeable and reversable sap inlet and outlet		

#### • 100% REVERSIBLE!

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



Chinook



- 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

(hinook

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.	

Interchangeable and reversable sap inlet and outlet

2023

CDL cdlinc.ca | cdlusa.com





#### 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!

InTens.().fire

- 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



Ventur

#### . 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



CDL cdlinc.ca | cdlusa.com

Intens-0-fire

V**entur**i)

#### **STEAM PAN AND PAN WASHER OPTIONS FOR EVAPORATORS**

(hinook DELUXE Master

77





## **PERFORMANCE AND EFFICIENCY** GREATLY IMPROVED!



AUTOMATED FRONT AND

### **REAR PAN WASHER BY CDL**

#### 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**

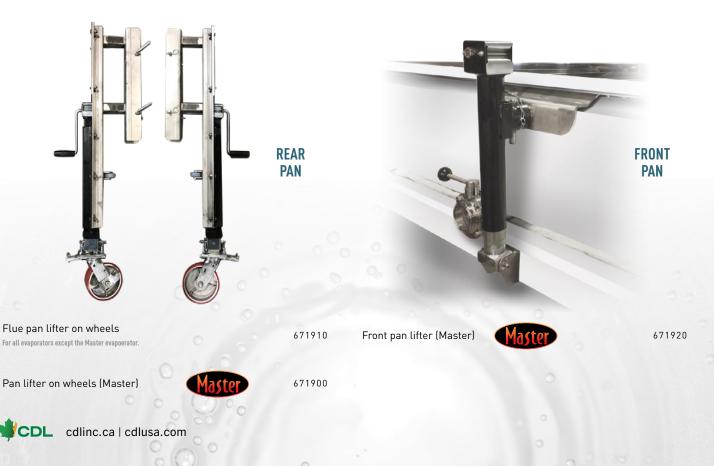


## CLEANING SIMPLIFIED!

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.



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

#### **INCLUDES:**

- $\rightarrow$  2' x 3' stainless steel pan
- $\rightarrow$  3/4" stainless steel draw-off ball valve
- $\rightarrow$  Cast iron grate set
- 670090

#### **OPTIONAL:**

- $\rightarrow$  6" stack damper
- $\rightarrow$  Reheat pan
- 670096

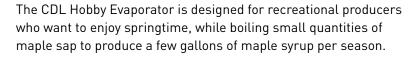


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Evap-<mark>0</mark>-Grill

#### **HOBBY EVAPORATORS**



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

67112WPARE

One pan model	•
F	
One flue pan and one syrup pan model	

#### 18" X 48" INCLUDES:

- $\rightarrow$  Stainless steel furnace with steel grids
- $\rightarrow$  Stainless steel stack
- ightarrow 18" x 48" 304 stainless steel argon welded pan
- $\rightarrow$  Stainless steel draw-off valve

#### **AVAILABLE OPTION:**

 $\rightarrow$  Pre-heating pan

18" X 48" evaporator with 2-way flat pan 1 to 75 taps

6700102WD

6700102WP

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

50 to 125 taps

18" X 60" INCLUDES:

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

18" x 60" 5" flue pan 100 to 200 taps

67001

Product appearance may vary.

Combine your evaporator with a Nano RO. It will reduce your boiling time! See page 67.



#### **PROFESSIONAL EVAPORATORS**



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"	One 2' x 2'	Two 24" x 18"
syrup pan	syrup pan	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'**

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:**

- $\rightarrow$  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)
- $\rightarrow$  Front and rear float boxes.
- $\rightarrow$  Stainless steel connections, drain valve and draw-off valve.
- $\rightarrow$  Complete chimney (twice the length of the evaporator) including the stack.
- $\rightarrow$  1 rope operated stack cover.
- $\rightarrow$  Water level on flue pan.



С

Α

#### **BEGINNER BOILING KIT**

				-
A	16" x 16" 15 tap kit <b>INCLUDES:</b> $\rightarrow$ 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 $\rightarrow$ 1 8" cup	6600801		
B	<ul> <li>→1 18.5" wooden handle the</li> <li>→1 55-70 Brix syrup hydrom</li> <li>→1 3/4" stainless steel nipple</li> <li>→1 3/4" FIPT stainless steel</li> <li>16" x 16" kit</li> </ul>	eter e	16" x 32" kit	PRFW32
	INCLUDES:		INCLUDES:	
	$\rightarrow$ 1 R-65 propane burner		$\rightarrow$ 2 R-65 propage bu	rners (with fastening kit)
В	$\rightarrow$ 1 hose and regulator		$C \rightarrow 2$ hoses and regula	
2 1	$\rightarrow$ 1 16" x 16" sugar pan		$\rightarrow$ 1 16" x 32" sugar p	
×	$\rightarrow$ 1 propane burner support		$\rightarrow$ 1 16" x 32" propan	
- A	$\rightarrow$ 1 3/4" stainless steel nipple		$\rightarrow$ 1 3/4" stainless ste	
20	$\rightarrow$ 1 3/4" FIPT stainless steel		$\rightarrow$ 1 3/4" FIPT stainles	

#### **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") 67009020055

Flat bottom pan

670090215

3-way pan 670090214

#### **INCLUDES:**

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

#### **OPTIONAL:**

ightarrow Reheat pan	670090218
ightarrow Pan cover	67WPC032
ightarrow 2 wheel kit	670090213
ightarrow Water level	670090216
ightarrow Thermometer	EITC0306

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





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**

- ightarrow Controlled temperature;
- $\rightarrow$  Real-time Brix reading;
- ightarrow Perfect maple syrup calibration;
- $\rightarrow$  Simplifies operation.

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

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

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



## 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





668421



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



#### **LEVEL CONTROL**

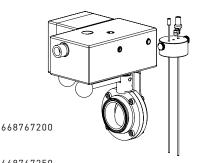
Electric level control with Belimo actuator and butterfly type valve.

Manual height adjustment.

Control box for 2" evap.

An innovative solution for syrup lovers and small producers.

level + Levato



Control box for 2-1/2" evap. 668767250 level + Levato

Connection piping not included.

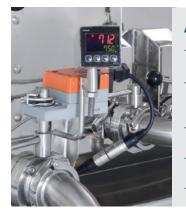
#### **1" AUTOMATIC DRAW-OFF VALVE**

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

#### 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.



Modulating draw-off valve 1-1/2"

Modulating draw-off valve 2-1/2"

**LEVEL CONTROLLER** 

Modulating draw-off valve 2"

(PROTECTION)

Protect-0

#### **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;
- $\rightarrow$  Easier maple syrup filtration.

Clips, silicone gasket and spout not included.

66781

66775

66782

66786

Silicone gaskets and clips ferrules are available at page 32.

#### DRAW-OFF VALVE ACCESSORIES





DOUBLE DRAW-OFF FOR EVAPORATOR		
2"	660104200	
2-1/2"	660104250	

#### OFF CENTERED FERRULES

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

cdlinc.ca | cdlusa.com



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

66876

cdline ca

#### **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		3 HOLES	
12"	67412	22"	6742211
16"	674161	24"	674243



#### **SUGAR PANS**

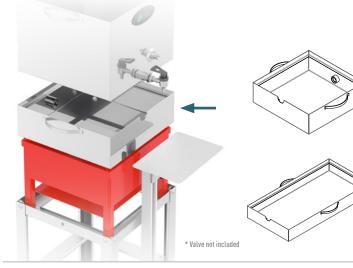




3/4" valve and cover not included

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



- $\rightarrow$  Water jacketed tank for sugar pan that can be used for the beginner bottling kit on page 113.
- $\rightarrow$  Possibility to install an electric heating element (664934a)  $\rightarrow$  5" high
- 16" x 16" 67316M

16" x 32"

MINS32

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



	CUPS	
8"		6784782
10"		67847102
12"		67847122



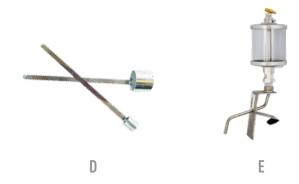
cdlinc.ca | cdlusa.com



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

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





DEFOAMER SUPPORT

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





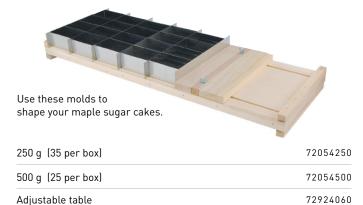
 SUGAR PAN

 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





FUNNELS

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



#### FILLING CONTAINERS AND PADDLES

	2 L stainless steel with handle	MEACSL*
J	2 L stainless steel with handle	👾 NEW 666320
Κ	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
1-1/2" x 18	60GROSNIVEAU18

-	$\mathbf{C}$
6	
-	
7	
3	0

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

678117112

678117

6781171

1-1/2" 2" 2-1/2"



#### **HIGH TEMPERATURE PRODUCTS**

60TXP018	Fiber glass wool rope		60YYYCSL503	Silicone	S shicone
60BKT18LB100A	Ceramic wool 1" x 4' x 23.65'   8 lb		66869	Small brick 2 500 °F 1-1/4" x 4-1/2" x 9"	
60BKT18LB050A	Ceramic wool 1/2" x 4' x 50'   8 lb		66868	Large brick 3 000 °F 2-1/2" x 4-1/2" x 9"	
60GW300100	Thermofab wool 2" x 1/8"	$\overline{}$			
EBISOL06	Ceramic wool panel 1" x 12" x 36"		66866	Brick cement Pyromix, 1 gallon	SUPER HI-MUL
60BK0019	Ceramic wool panel 1" x 24" x 36"		668664	Brick cement Pyromix, 4 gallons	
60BK0012	Ceramic wool panel 1/2" x 24" x 36"		66875	Dry cement, 25 kg bag	

#### **STACKS AND ACCESSORIES**



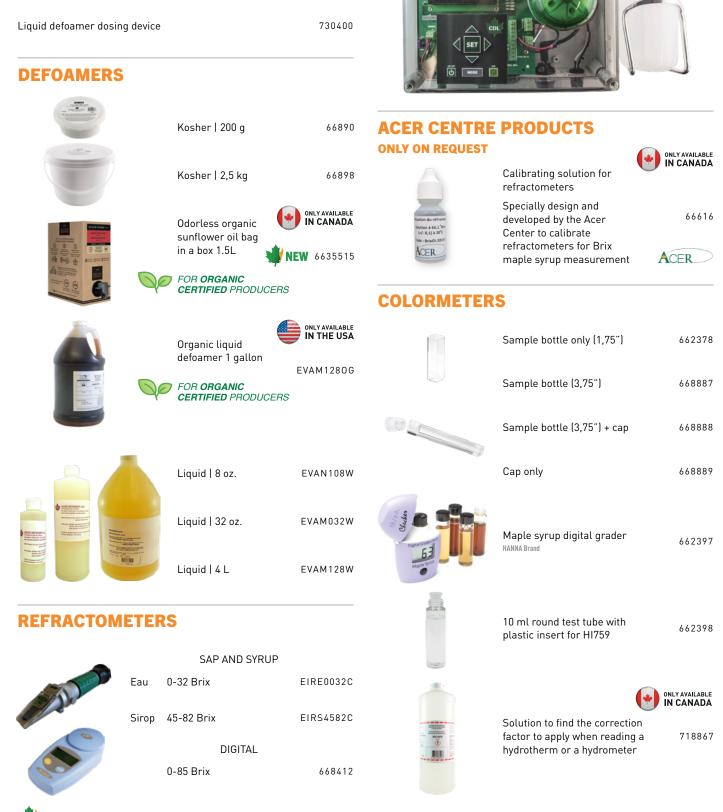
- A Chinese hats Available in diameters from 6" to 32" and optional spark guard
   B Smoke stacks Available in diameters from 6 "to 32"
- **C** Stack covers Available in diameters from 7" to 30" and optional spark guard.
- D Custom made roof jacks From 6" to 32" with collar

E Base stacks Available for 2' to 6' width evaporators



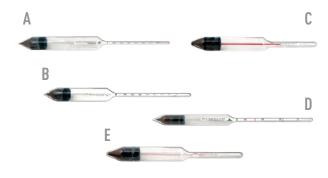
#### LIQUID DEFOAMER DOSING DEVICE

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



CDL

#### HYDROMETERS SAP AND SYRUP



Α	Sap	0-6 Brix	EIDE2010
В	Sap	0-15 Brix	668433
С	Sap	10-25 Brix	66849
	Syrup	45-75 Brix (Vermont state approved)	EIDS4575
D	Syrup	55-70 Brix	66845
Ε	Syrup	Hydrotherm	66841
			Limited warranty and non-returnable items.

#### **DIAL THERMOMETERS**

			٨	3" Dial   9" stem   0-50 ºF   1/4" MIPT	72920003
	Auntal 20		A	3" Dial   12" stem   0-50 °F   1/4" MIPT	72920004
	натальствой 30 на сталовани по по п		D	5" Dial   9" stem   0-50 °F   1/4" MIPT	72920001
7 20 30	COLUMN FILE	50 50 60 70 70 30 BASCO 70	В	5" Dial   12" stem   0-50 °F   1/4" MIPT	72920002
* 2 **	HOW BRANE DOWNER DOT THOSE ADDR. BRANE DOWNERS	10 10 10 10 10 10 10 10 10 10 10 10 10 1		3" Dial   12" stem   0-250 °F   1/2" MIPT	668350
		A STATE OF		3" Dial   6" stem   0-50 ºF   1/4" MIPT	EITC0306
A	В	С		3" Dial   9" stem   50-300 ºF   1/2" MIPT	EITC0309
120 .				3" Dial   6" stem   0-250 ºF   1/4" MIPT	EITC0336
8. 1 40 50 G	70 20		С	3" Dial   6" stem   0-250 ºF   1/2" MIPT	EITC033612
8 20 BASCO	80			3" Dial   9" stem   0-250 ºF   1/4" MIPT	EITC0330
10 120 11 0 C L L	100		D	5" Dial   4" stem   0-250 ºF   1/2" MIPT	668356
0 T250			Ε	3" Dial   4" stem   200-1000 °F   1/4" MIPT	668354
D		Е		3" Dial   6" stem   200-1000 °F   1/2" For evaporator smoke stack	668210

**OTHER THERMOMETERS** D 8" stem 71750425 Α B 12" | Stainless steel 71750426 С Electronic | 18" probe 668204 D 6" barometer 72920030 E 3" thermometer preheater (hot water) 6408503SS



#### JONATHAN PRESENTS THE DIFFERENT **MEASURING INSTRUMENTS AVAILABLE FROM CDL.**





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



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

Sold in pairs.



D Chlorine 12% | 20 L

#### B A Sani-clean | 3.78 L 6628378 NEW Α Sani-clean | 20 L 66288 99% Glacial acetic acid | 20 L B 667474 PAN ACID FOR STAINLESS STEEL

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

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









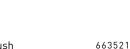
1/2" x 7" flue brush

9" handle

20" handle

No handle

Round tank brush



66352

EVBRE001

EVBRE003

66356

**PAN CLEANERS** 





BRUSHES	FOR	PANS	AND	TANKS



## CDLWESFAB FILTER PRESSES

#### IMPROVES THE PERFORMANCE OF YOUR PRESS AND FACILITATES THE FILTRATION

Made entirely in Canada and the United States

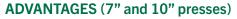
 Light and compact construction

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	WFCDL7PLATE
10" CDL press (old CDL model)	6660010PLATE
10" CDLWESFAB press	WFCDL10PLATE
15" CDLWESFAB press	WFCDL15PLATE
20" CDLWESFAB press	WFCDL20PLATE



> Reclinable press (0, 45 and 90 degrees with the cart option) to facilitate the replacement of filter papers;

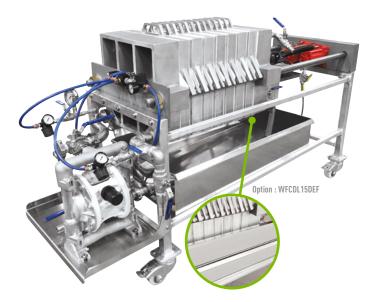
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> Removable pump kit (to use on another filter press).

	7" presses	10" presses
Short filter press + manual diaphragm. pump 3 hollow / 2 waffles	WFCDL7M	-
3 hollow / 2 waffles	WFCDL732	WFCDL1032
4 hollow / 3 waffles	WFCDL743	WFCDL1043
7 hollow / 6 waffles	WFCDL776	WFCDL1076
8 hollow / 7 waffles	WFCDL787	WFCDL1087
Available options:		
Air dia. pump kit 1/2"	WFCDL7ADP12	WFCDL10ADP12
Dia. pump kit 120v 1/2" 5.3 GPM	WFCDL7EDP1253	WFCDL10EDP1253
Filter press cart	WFCDL7CH	WFCDL10CH
Air distributor option	WFCDL710AIRM	WFCDL710AIRM
Air inlet kit The air supply must be filtered using the 66345657K air filter kit.	WFCDL7AIRI	WFCDL10AIRI
Air outlet kit The air supply must be filtered using the 66345657K air filter kit.	WFCDL7AIRO	WFCDL10AIR0

45º 90º







#### **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.	WFCDL15AIR0
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
8 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 The 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.	WFCDL20AIR0
Splash guard	WFCDL20DEF



#### **CDL VACUUM FILTER PRESSES**

#### Syrup filter tank and filter press. Available in 9", 12", 15" and 18" sizes. Includes : 1 filter and 12 prefilters

<b>9''</b> Thermometer i	3.6 US GAL.	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" Thermometer	19 US GAL. not included	1 800 to 3 600 taps		FAU18PV018
Vacuum cover as	· · · · ·		9" 12" 15" 18"	FAU18PV009COUV FAU18PV012COUV FAU18PV015COUV FAU18PV018COUV
5-microi vacuum press po filter	filter		9" 12" 15" 18" 21" 24"	FAU18036 FAU18038 FAU18017 FAU18018 668171 668172
Vacuum press po prefilter (12/pkg)	lyester		9" 12" 15" 18" 21" 24"	FAU18035 FAU18037 668167 668168 668169 668170







### **ELECTRIC DIAPHRAGM PUMP KIT**

### **FILTER PRESS PUMPS**

	,
-(☆)	EXCLUSIVE
, <u> </u>	• <b>WCDL</b>

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

Motor 115V 5.3 GPM | 60 PSI

Electric diaphragm pump with support

### **ACCESSORIES**







D

А	545 Celite filter aid 10 lb		66825
В	545 Celite filter aid 50 lb	Product availa	66826* able in limited quantity.
С	Dicalite filter aid 50 lb		66838
D	CDL filter aid 50 lb	*	NEW 6683CDL
	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	s 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
UBEX-FG	Food grade grease		66530

RVING	LUBEX-	FG
man	Sand Subsets	Sectors of the





669653A



	10		
	2" Diaphragm pump uminum)		669585
	Diaphragm pump uminum)		669601
	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
-7	20" press felt filters 3 double holes	pkg 7	66850
1	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

Y	24" x 24" flat filter	FILF24
1	36" x 36" flat filter 5 mic.	66211
	36" x 36" flat polyester filter 1 mic.	668164

ONLY AVAILABLE

### **STAINLESS STEEL BARRELS**

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



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;
- $\rightarrow$ Stackable.

### **PUMP AND BARREL TRANSFER**





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) 66810 Capacity: 34 IMP. GAL. (40 US GAL.) Empty weight (Tare): 48 lb 2 plastic caps (2" and 3/4" off-center)

66813

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

### **BARREL CAPS AND ACCESSORIES**

### HANDLING ACCESSORIES FOR BARRELS

	2" stainless steel cap	BUNGSS	r		
101	2" plastic cap (Can be used with bag 663332)	660057		3-wheel stainless steel cart	676055S
	2" plastic cap for barrels (Large thread / hole 3/4 "NPT in center)	BUNG06			
Cap included	32-gallon plastic bag	663332B			
8	Stainless steel holder for barrel liner	678952		Stainless steel lever	671092
	Stainless steel health barrel key	67ECHBA	Q		
C	Barrel wrench	662285		Barrel lifter with pulley and cord	665045
-	Barrel wrench	662282	K 1		

# WATCH OUR VIDEOS C ANYWHERE ANYTIME... www.cdlinc.ca/en/videos www.cdlusa.com/videos

**WCDL** 

### **MAPLE CREAM MACHINES**



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

### **MAPLE SUGAR MACHINES**

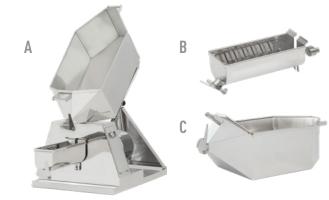


supervision;  $\rightarrow$  Available without

automation if requested;

ightarrow Self-cleaning with hot water.

### **CANDY MACHINES**



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





### **BEGINNER BOTTLING KIT**

**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.



#### **TESTIMONIAL**

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



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

Spacer designed to directly bolt on the propane cooker support.

67423





**CDL** 

CDL cdlinc.ca | cdlusa.com

### WATER JACKETED TANKS



### **DRAW-OFF ELBOWS**

4

MIPT	TUBE		МІРТ	TUBE	
1/2"	3/4"	SDE050	1-1/4"	1-1/2"	SDE125
3/4"	1"	SDE075	1-1/2"	2"	SDE150
1"	1"	6788991D2			

### **OTHER**

Propane burner R-65	66803	10000	Bottling valve 3/8″, 90°	ECDVP804
Electric bottling valve Includes 3 stainless steel tips: 1/4", 3/8", 1/2"	67217		Bottling valve 1/2", 90°	ECDVP805
	0/21/		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

# LATEST DEVELOPMENTS IN THE **MAPLE NECTAR PROJECT**

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.

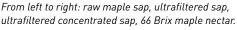
We've just finished phase 3 of the project, and here are the latest developments:

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

- > 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!









### **ROUND CANS**



Organic

RABLE

7:201:

R

Α



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

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

### **CAN SEALERS**







#### Ives Way manual can sealer 66774300

Master manual can sealer 66777

Master automatic can sealer 66824

**NEW DESIGNS!** 

# **STAND OUT FROM THE CROWD** WITH THESE TYPICAL SUGARING SCENES!

Images created by Canadian artists!

### Choose something new and look better than the competition!

Pure maple syrup | 540 ml, 200/case Α

6630250

R Organic | 540 ml, 200/case





### **CARDBOARD BOXES** FOR CANS





8 x 540 ml box with handle | Package of 25

66834



24 x 540 ml | Package of 25 66833

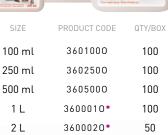
PATENTED CDL

le Surup





4 L



3600040\*

24

*	First	come.	first	served	

100 ml

250 ml

500 ml

1 L

2 L

4 L



Per tra Made Synap	Pure USA Maple Syru Falm-44 FL Oz-(124)	
SIZE	PRODUCT CODE QTY/BOX	
2607	EXCD0101 <b>±</b> 100	

**THE VIDEO** 

3.4 oz	EXCD0101 🍁	100
½ pint	EXCD0261 🍁	100
1 pint	EXCD0501 🝁	100
1 quart	EXCD1001***	100
½ gallon	EXCD2001 👻 *	50
1 gallon	EXCD4001 🕈 *	24

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

U V N	for	All States Vermont * New York *		for	Michigan * Pennsylvanie * Indiana *
	for	New Hampshire * Maine *	wv	for	West Virginia * Massachusetts *
WI	for	Wisconsin *	OH		Ohio *

\* First come, first served.



PRODUCT CODE

360100

360250

360500

360001\*

360002\*

360004\*

100

100

100

50

24



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

### **PLASTIC JUGS**



SIZE	PRODUCT CODE	QTY/BOX
40 ml	728140040	100
100 ml	72814100	100
250 ml	72814250	100
500 ml	72814500	100
1 L	72814001	100
2 L	66925	50
4 L	72814004	24

SIZE	PRODUCT CODE	QTY/BOX
40 ml	EXCR00410	100
100 ml	EXCR01010	100
250 ml	EXCR02610	100
500 ml	EXCR05010	100
1 L	EXCR10010	100
2 L	EXCR20010	50
4 L	EXCR40010	24

PRODUCT CODE	QTY/BOX
EXCR0041 🕈	100
EXCR0101 🕈	100
EXCR0261 븆	100
EXCR0501 븆	100
EXCR1001 🕈	100
EXCR2001 븆	50
EXCR4001 🕈	24
	EXCR0041♥ EXCR0101♥ EXCR0261♥ EXCR0501♥ EXCR1001♥ EXCR2001♥

### **PLAIN PLASTIC JUGS**



### **EXTRA CAP FOR JUGS**



BROWN PLASTIC CAPS FOR JUGS			
Cap for jugs (40 ml & 100 ml)	Bag of 12		
Cap for jugs (250 ml to 4 L) new threads	Bag of 12		

		1 gallon	EXCR	400′	<b>*</b>	24
		For spec	ific states,	repla	ace th	e 🌞 by:
U	for	All States		МІ	for	Michigan
٧	for	Vermont		Ρ	for	Pennsylvanie
Ν	for	New York		IN	for	Indiana
NH	for	New Hamps	hire	WV	for	Virginie Occidentale
ME	for	Maine		MA	for	Massachusetts
\\//	for	Wisconsin		nц	for	Ohio

WI

661386

6628400







### **MODERN AND MAPLE LEAF CAPS NOT INCLUDED**



MODERN

MAPLE LEAF

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

\* First come, first served.







	SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
	40 ml	EXBVRH50	48	661378 (GOLD)
	250 ml	EXBVRH250	12	661377 (BLACK) 661390 (BROWN)
٨	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)
B	250 ml	EXBV0250GL*	20	661388 (GOLD) CAP500 (BROWN)
	500 ml	EXBVRH500M*	12	661388 (GOLD) CAP500 (BROWN)
				* First come, first served.

B

### FLAT **CAPS NOT INCLUDED**

A			B	
	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)
P	8 oz	EXBV0252	12	661376 (WHITE) 661384 (BROWN)
В	12 oz	EXBV0377	12	661376 (WHITE) 661384 (BROWN)

### **FLASK**

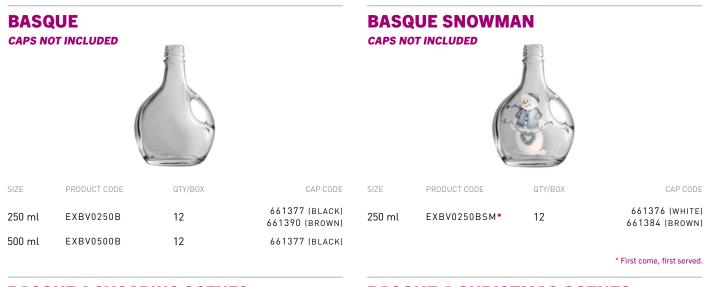
SIZE

200

#### CAPS NOT INCLUDED

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





### **BASQUE 4 SUGARING SCENES CAPS NOT INCLUDED**







PRODUCT CODE

**BASQUE ANIMALS** 

QTY/BOX

250 ml EXBV0250BI\*

**CAPS NOT INCLUDED** 

MOOSE

SIZE

250 ml

Α 250 ml

B 250 ml

С 250 ml

Δ

12

DEER

QTY/BOX

12

12

661384 (BROWN)

\* First come, first served.

BLUE JAY

661376 (WHITE)

661384 (BROWN) 661376 (WHITE)

661384 (BROWN) 661376 (WHITE)

661384 (BROWN) 661376 (WHITE)

661384 (BROWN)

\* First come, first served.

CAP CODE

661376 (WHITE)

CAP CODE

### **BASQUE 4 CHRISTMAS SCENES CAPS NOT INCLUDED**



250 ml EXBV0250BC\*

\* First come, first served.

661384 (BROWN)

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)

#### \* First come, first served.



WOLF

EXBV0250BPM00SE\*

EXBV0250BPJAY\*

EXBV0250BPW0LF\* 12

EXBV0250BPDEER\* 12

PRODUCT CODE





#### 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**

А	A
	- man -





**GRAND LINE** 

SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
1 L	EXBV1000G	12	661376 (WHITE) 661386 (BROWN) 661384 (BROWN)
350 ml	EXBV0350S2	12	72838000N (METAL) 661381 (WHITE) 661391 (BROWN) 661396 (BLACK)



Α

B

Shrink band 38 mm, 250/bag

60160





SIZE PRODUCT CODE 1 L EXBV1000S

QTY/BOX

12

661376 (WHITE) 661386 (BROWN) 661384 (BROWN)

CAP CODE

### **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**

WHITE PLASTIC CAPS

24 mn
28 mn
31.5 m
38 mn
28 mn

mm x 400	Bag of 12	CAPK25
mm x 400	Bag of 12	661384
.5 mm x 400	Bag of 12	661390
mm x 400	Bag of 12	661391
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 CAPS

18 mm x 400 24 mm x 400 28 mm x 400

#### Bag of 12 661378 Bag of 12 661374 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 28 mm x 400 28 mm x 400 28 mm x 400

661382 (BLANC)
661386 (BRUN)
661385 (DORÉ)
CAPKB5 (NOIR)

### **GOLD CAPS** FOR GLASS BOTTLES



30,5 x 42 mm, 100/box

34 x 52 mm, 100/box

EXCAP310

EXCAP210

















#### **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

### **METAL LIDS**

	SIZE		QTY/BAG	PRODUCT CODE
	38 mm x 400	Black	12	72838000N
and the second se	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



1	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



Α



B



	SIZE	QTY/BAG	PRODUCT CODE
٨	70 mm	12	CAPHC7
A	82 mm	12	CAPHC8
В	70 mm	12	CAPWF7
	82 mm	12	CAPWF8
С	70 mm	12	CAPPC7
	82 mm	12	CAPPC8

### **HEXAGONAL AND EMBOSSED HONEY JAR**

LIDS NOT INCLUDED

A





	SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
	45 ml	EXPOH045-24	24	728445
٨	110 ml	EXPOH110-12	12	72843000
A	190 ml	EXPOH190-12	12	788490
	270 ml	EXP0H270-12	12	788470
B	380 ml (500 g honey)	B0T380	12	CAPHC7, CAPWF7, CAPPC7, 728470
	780 ml (1 kg honey)	B0T780	12	CAPHC8, CAPWF8, CAPPC8, CAPG82

### **SAMPLE JARS**

2			
A. J	:	30 ml jars	EICOL016
1	(	Cap only	EXBSCAP16



SIZE

# 

**OXYGEN BARRIER BOTTLE** A 375 ml 200 660375 B 1 L 90 661000 С 660020-50 2 L 50 D 4 L 40 660400 FREEZER JUG E 4 L 1 EXSH4P PLASTIC JUG F 10 L 1 JUG210 FIVE GALLON BLUE CONTAINER ONLY AVAILABLE G 18.9 L 1 EXBPL005

QTY/BOX

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

		DESCRIPTION	SIZE	QTY/BAG	PRODUCT CODE
A	A	Bottle cap 375 ml, 500 ml	-	12	661375
	D	Bottle cap 1 L, 2 L, 4 L	53 mm x 400	12	661380
B	D	For EXSH4P and JUG210	38 mm x 400	12	661381

### **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



PRODUCT CODE

### **PLASTIC CONTAINERS**





66137

66138

661914

666315

6680801

ECBCOR06-25

ECBCOR12-25

NEW

### **WOODEN STICKS**





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

### **CANDY BOXES**



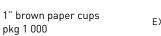
25 cavities, 4-1/2" x 9"	60128

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



One bite candy box	60101







60127

60131

60102

EXBB0101

60115



B

Α

B

С

72/box

900/box

1914/box

6 holes 25/box

12 holes 25/box

Plastic cone holder, 64 cavities

**GLUCOSE AND POWDER GENUGEL** 

2,25 kg



### HANG TAGS AND ELASTICS





pkg 1 000

6 cavity box,

3-1/2" x 4-5/8"

15 cavity box,

Two bite candy box

1-3/4" white paper cups

7" x 4" x 1"



### **CONES, BOXES AND SUPPORTS**

PRODUCT CODE

660260

660262

660258

660259

660230

EXLAUSV

QTY/PKG

500

500

500

500

500

### **SELF-ADHESIVE** LABELS







#### DESCRIPTION DIMENSION / DESCRIPTION

QTY/ROLL

PRODUCT CODE

Α	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











E

С

SIGNAM

663660

D

DESCRIPTION	PRODUCT CODE
24" x 36" metal sign	ECMS2436
10" x 14" plastic sign	ECMP1014
24" x 36" plastic sign	ECMP2436
20" x 30" plastic sign	SIGNGR
18" x 24" coroplast sign	SIGNYE

### SYRUP GRADING SELF-ADHESIVE LABELS

DESCRIPTION

Canada Golden

Canada Amber

Canada Very dark

Ontario Golden

US Very Dark

Canada Dark









Ontario Amber 660231 500 Ontario Dark 500 660232 Ontario Very dark 500 660233 1000 Vermont Quality EXECVT01 Vermont Golden EXLAVTG 1000 1000 Vermont Amber EXLAVTA 1000 Vermont Dark EXLAVTD Vermont Very dark EXLAVTV 1000 US Golden EXLAUSG 1000 US Amber EXLAUSA 1000 US Dark 1000 EXLAUSD



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

### BOOKS







PRODUCT CODE

ECCBOOK3

ECCBOOK2

1000

DESCRIPTION

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

(Offers recipes for breakfasts, appetizers, beverages, pastries and desserts.) Backyard Sugarin' (An excellent guide for people who would like to start producing maple syrup for pleasure

ECBYSMAN4 or personal enrichment.)

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

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



Flag

Δ

B

С

D

E

20" x 30" coroplast sign

### **PLASTIC MOLDS**





B





С 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
	Maple leaves	12	EMCC0121
	Assorted designs	12	EMCC055
С	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	CAVITIES	PRODUCT CODE
Maple leaves	12	ECMC1138*

\* Product available in limited quantity.

### **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**





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.



#### 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 1N0 P. 1-844-805-1235 hautst-laurent@cdlinc.ca

#### CDL LA GUADELOUPE

295, 14e Avenue La Guadeloupe Québec GOM 1G0 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 1T0 P. 819-245-0058 Iourdes@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 2YO 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**

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kory.woods@cdlusa.net

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