



CDL WISCONSIN Roth Sugar Bush, Inc

Maple Equipment and Syrup

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ROTH SUGAR BUSH MAPLE EQUIPMENT

Hello Fellow Maple Sugaring Friends,

At the time this catalog was printed, we were all going through some very uncertain times. The Coronavirus has been lurking for nearly the entire year of 2020. We know that many people contracted the virus and had minimal issues and totally recovered. If you or one of your loved ones were one of those who has tested positive...we hope that you all are doing fine. We pray for all of those families who were not as fortunate. Hopefully as you read this, the Coronavirus will be under control and just be a bad memory of 2020.

We also know that the entire maple community is a very close knit and vivacious group, who all are very excited for the upcoming maple sugaring season. Depending on your geographical location, your season may have already started and we hope you are having a very successful season. For everyone who's season is about to begin...we are anticipating a very prosperous season.

With that being said...The Roth Sugar Bush is always here for you. Whether you have 1 tree in your backyard or thousands of trees in your woods...we have ALL the Maple Sugaring Equipment and Supplies you will ever need in your operation. We are your "One Stop Shop" when it comes to your maple sugaing equipment and supplies. Please check out all of our "How To Videos" on our Website or on our Youtube Channel which are geared toward the novice as well as expert Sugarmakers.

We are very excited to unleash the latest and greatest CDL Maple Sugaring Equipment for the Hobbyist! The new machines range from Reverse Osmosis to Evaporators to Filtering just to name a few! These machines will make your maple sugaring much more enjoyable and profitable. You can check these new machines out and many more at our open house, Facebook Page, Website and Youtube Channel.

Innovation is part of our daily routine. Our goal is to supply all our customers with ONLY the finest quality products at a reasonable price, so they can increase their success and profitability...and have fun! Our strength is the result of the expertise, dedication and professionalism of all our employees! "SAP SQU

Roth Sugar Bush now has a full time in house Tubing Installation Crew!

Need help evaluating your woods for tubing? Want to Increase your Vacuum? How will a Monitoring System work for me? How will an RO would benefit me? What size Evaporator is best for me? What Tank size should I get? How a Transfer Pump can work for me? What Filtering System is best for me? How can I improve my Bottling? We can help with all of these questions and many more!

Give us a call today! 715-289-3820 www.rothsugarbush.com

At the time this catalog was printed, we are still planning on having our annual open house and we are inviting all of you to join us again this year. We are planning on having seminars, machine simulations and much more! We will keep everyone informed as the seminar schedule and all the details are in place, with emails, on facebook and on our Website. If the pandemic is still prevalent, we will have good social distancing in place. The dates are Wednesday, February 3rd, Thursday, February 4th, Friday, February 5th and Saturday, February 6th. Open House hours are from 8:00 am to 4:00 pm each day. We may not be able to provide the delicious lunch that you have become accustomed to, however we will be serving refreshments and snacks.

Our annual Open House is a great time to stock up on your Maple Sugaring Supplies as we will again be offering a 5% cash and carry discount. As always, please call ahead with your order so we can have it ready when you get here. (715-289-3820) We will also be offering curb side pickup...just let us know when you call. Also, if you don't feel comfortable coming to our Open House, we will offer the same 5% cash and carry discount one week before and one week after our open house.

Watch our Website & Like Us on Facebook for latest news, seminars and all the details for our 2021 Annual Open House.

We sincerely Thank You All for you continued business!

Peter & Dawn Roth

Cadott, WI. February 3rd, 4th, 5th & 6th, 2021 8:00 AM to 4:00 PM each day

Please visit our website and sign up for our Email Newsletter.



A WORD OF WELCOME

Dear customers,

Without a doubt, 2020 has been a year we will not soon forget. Even so, and even with the restrictions that have been imposed around the world since March, the maple syrup industry is still doing quite well. All in all, we can consider ourselves very fortunate. That said, we are aware that some of our valued customers have been severely affected by the crisis. Tourism services, including meal services, retail sales, and booths in public markets, have been hit particularly hard. Here at CDL, our hearts go out to you. Rest assured that we will do everything in our power to support you until this crisis is over.

This past year has also changed our schedule. We have had to cancel all of our promotional activities, like our annual open house and our technical training for customers. Year after year, these events have allowed us to meet you and create wonderful memories. Fortunately, CDL has been able to innovate so we can keep communicating with you; we are using technology to stay in touch and continue sharing our maple syrup knowledge. Soon you will be able to see our full set of new information tools. Keep an eye out; we will also be taking the opportunity to tell you about our products, our innovations, and the latest maple syrup trends.

Travel has also been difficult this year, with restrictions changing on a near-daily basis. That is why we have decided to strengthen our regional branches and our network of partners so that they can more independently provide local services. These changes will let us provide the support you need for the upcoming syrup season.

Finally, CDL will be celebrating its 30th anniversary next year. We are very proud of this accomplishment, which was made possible by an incredible team of employees and a customer base that has been growing steadily since the company was founded in 1991. Since then, we have also been able to pass this family company on to the next generation. We could not be more pleased. Our ambition is to remain an industry leader for generations to come. We are committed to continuing to work very hard with our employees and partners to provide outstanding products and services to maple and sap producers around the world.

The CDL team wishes you a very productive 2021 syrup season. Stay safe and stay healthy!

Martin Chabot, co-owner



A NEW CDL LOGO — PROUD AND WORLD OF POSSIBILITIES LIES AHEAD

For the 30th anniversary of CDL, we want to give ourselves a new image to make sure our brand keeps shining, while keeping our colors and our identity!

Therefore, we keep the traditional maple leaf, symbol that made CDL famous since its beginning in 1991. However, we rejuvenated it with its curved shape, giving it energy and dynamism; like the team of professionals it represents. It opens itself to a future filled with possibilities, a new chapter but always in respect of the past.

The new CDL leaf is divided in two parts to better symbolize the original tree with its green part and the end product of our industry, the maple syrup with the golden part. By having multiple shades of green, we want to add texture and suggest a healthy flora. With the golden side, we also want to emphasize the excellence of our trademark, the quality of our products and the richness of the finished product. This combination makes our maple leaf unique, proud and healthy.

The CDL letters are moved outside of the leaf, because they are strong enough to hold their own. We use capital letters to show our expertise and the pride in our work. The font is still simple, accessible and straight like our employees.

We are proud to introduce it today. Perfect harmony between tradition and modernity.

Happy 30th anniversary CDL!

Maryse Bernier, Marketing Director

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Signature spouts

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

PERFECT SEAL

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

LONGER SPOUT WORKS BETTER ON THICK BARK

MINIMUM RESTRICTION

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

Signature spouts



Blue thin wall Signature spout

5/16' 66045063 \$0.21

1/4" 66045314 \$0.21

Clear thin wall Signature spout

66045064 \$0.20 5/16

66045014 1/4" \$0.20

Green thin wall Signature spout

66045067 \$0.21 5/16 66045714

Light blue thin wall Signature spout

\$0.21 5/16" 66045068 1/4" \$0.21 66045814



Smoke thin wall Signature spout

5/16" 66045069 \$0.21 1/4" 66045114 \$0.21

Red thin wall Signature spout

66045065 5/16"

66045514 1/4" \$0.21

\$0.21

Pink thin wall Signature spout

66045066 \$0.21 5/16" \$0.21 1/4" 66045614

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

Keep track of your tapping crew's performance by using different colour spouts for each employee.



Prices and specifications are subject to change without notice.

\$0.21

DID YOU KNOW?

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

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



Signature SPOUTS WITH BARBS

Blue thin wall Signature spout with barbs



Clear thin wall Signature spout with barbs





Smoke thin wall Signature spout with barbs



5/16" 66045269WB \$0.22 1/4" 66045214WB \$0.22

Special order only. Minimum quantity required.

30° DURABLE SPOUTS



30° 5/16" black spout with barbs \$0.25

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



30° 5/16" natural spout
without barbs \$0.25
66090042

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



30° 5/16" natural spout with barbs \$0.25

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

30° 17/64" smoke spout with barbs \$0.21

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

30° DISPOSABLE SPOUTS



30° 5/16" clear spout without barbs \$0.22 66090064

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



30° 17/64" translucent blue spout with barbs \$0.22

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

ANTIBACTERIAL SPOUT



5/16" spout Zap-Bac Antibacterial \$0.47

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

7/16" **SPOUT**



7/16" spout 6605309902 \$0.35

STUBBY SPOUT FOR ADAPTOR



Stubby spout black \$0.28





TAPPING TIPS BY MR. JEAN-MARIE CHABOT

Interview by Anne-Sophie Couture-Goulet, marketing coordinator

I had the chance to interview a person with extensive experience in the maple syrup industry, Mr. Jean-Marie Chabot, co-founder of CDL Maple Sugaring Equipment. This seasoned entrepreneur shared his tapping tips with us so that both newbies and the more experienced of you, dear customers, can brush up on your skills as the new season dawns. We hope you will benefit from this interview, happy reading!

Anne-Sophie Couture-Goulet (ASCG): What are the basic principles to know before even drilling your first hole?

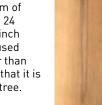
Jean-Marie Chabot (JMC): The basic principle is that you have to find a place on the tree to be able to drill, to observe carefully, go around the tree, to find the best spot.

ASCG: This means we have to go around each tree, to find the best location.

JMC: I would say you have to have it in your head because there is no better way. You have to find old holes that are often several years old, sometimes more than 25 years old. You have to go back that far, because there are places in Quebec where the growth and healing of the tree is slower. You have to be able to find the scar. You have to be able to tell the scars apart from the other roughness in the bark of the tree. It is very difficult to find the right place 100% of the time. Even the most experienced have difficulty in doing so. This is fundamental because if you drill in compartmentalized wood, there will be no sap. If you land on a tree that has two taps, one in dark wood (compartmentalized) and the other in white wood, there is a tap that will give nothing at all. It's very, very important.

To get the people who took my tapping courses to understand this principle, I had planks sawed from the trunk of maple trees to show examples. We can see the different layers of hole in the tree (see the next picture), which go from a depth of 0 to 6 inches to see the compartmentalization.

The compartment is about twice the width of the bit that drilled the hole, and the length is about 12 inches long, 6 inches at the top and 6 inches at the bottom of the tap, for small spouts, and up to 24 inches long for the older 7/16" (12 inch top, 12 inch bottom notch) spouts used 20-25 years ago, which were larger than today's spouts. It is for this reason that it is imperative to find old scars on the tree.



ASCG: I see the photos of your boards (see images). I even see cuts where the maples have been over-tapped on the south, and under-tapped on the north.

JMC: In the old days, when people were using buckets, they thought they got more sap tapping on the south side, where the tree was more exposed to the sun, than on the north side, where there is less light. Now, with vacuum tapping, it is no longer true. You can now drill 360 degrees for the new taps.



ASCG: For a first season, what are the essential tools to have?

JMC: First, it takes a battery-powered drill, with a battery that has at least 4 Amps / hour. Today, there are even 6 amps/ hour batteries that allow you to do a full day without any battery charging. I would tell you that a 5 Amps / hour is likely to make the day, but a 4 Amps / hour will die after 300 taps! (Laughs)

After that, you need a good tapping bit. This is fundamental. It takes a bit that cuts like a razor. It has to be sharpened like new, and it is not possible to sharpen by hand, it takes specialized tools to do it. A bit that has drilled about 1500 holes is worn out; it needs to be sharpened, but most tapping professionals use a new bit.

You also need a tapping hammer. The type depends on the spout you choose. If you chose a 1/4" spout, you need to take a 6 ounce hammer. If you have a 5/16" spout, you need a hammer that is about 8 ounces, plus or minus an ounce. It takes a hammer preferably made of metal because if you take a wooden hammer, which will be lighter, that can do, but you will have to hammer in a different way.

ASCG: What is the maximum number of taps per maple that you recommend in relation to the circumference of the tree?

JMC: There are standards on this and tests that have been carried out by various research centers. You can have one or two taps per maple, very, very rarely three per maple. In my case, I use a small rope or a measuring tape to measure the circumference. We are talking about 25 ½ inches in circumference for one tap, and then 51 inches for two taps.

ASCG: Thank you very much for your time, Mr. Chabot, and for this wonderful interview.

JMC: It made me happy! Pay it forward is an important principle to me. Maple sugaring is the passion of my life. I've been doing it for 50 years. Also, I have always looked for new technologies and new ways of doing things. It is fundamental for me, to keep the maple industry alive at the international level.



MAXFLOW



Better grip on tubing!

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

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

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

5/16" MAXFLOW SPOUTS



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

17/64" MAXFLOW SPOUTS



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.

MAXFLOW

THE SOLUTION TO PREVENT MICRO-LEAKS

MAXFLOW TEES



5/16" health T 660300099 \$0.29



5/16" T with pin 66301099 \$0.29



5/16" multi-function T 660300096 \$0.29



IDEAL TO SANITIZE WITH ISOPROPYL ALCOHOL

5/16" T with sanitizing cap

66302099 \$0.36



17/64" health T 660300098 \$0.30



5/16" Maxflow health T 1/4" plug 660300095 \$0.29





This tee allows you to insert any CDL spout on the pin and seal the tubing.

5/16" Maxflow with multi stages pin

66304099 \$0.29

MAXFLOW END OF LINE TEES



5/16" end of line health T 66306357 \$0.31



5/16" end of line T with pin 66305099 \$0.31



5/16" end of line T with sanitizing cap





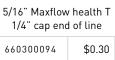
17/64" end of line health T

660300097 \$0.31



5/16" multifunction end T 66306358 \$0.32









This tee allows you to insert any CDL spout on the pin and seal the tubing.

5/16" Maxflow end line T multi stages

66305357	\$0.31
66305357	\$0.3

MAXFLOW END OF LINE ADAPTORS

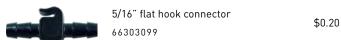


5/16" end of line adaptor \$0.37 66265099



Round hook connector (5/16" cable) 66011099

\$0.21



5/16" MAXFLOW CONNECTORS

MAXFLOW

MAXFLOW



End of line adaptor with cap \$0.39 66266099

MAXFLOW

MAXFLOW



\$0.37

5/16" CONNECTORS



Quick connector \$0.57 6601209902



Connector with loops \$0.23 6601109902

END OF LINE ADAPTORS



5/16" black Y \$0.40 66014099



3/16" sliding adaptor \$0.43 ERA1510



5/16" sliding adaptor \$0.46 ETMAT316C



5/16" sliding hook \$0.27 ETMAT316CH



5/16" end of line hook \$0.21 66279099

OTHER



5/16" Rubber plug \$0.20 6603509905



Health spout pin \$0.13 66012099



End-line ring \$0.25 ERA1400



66031099 Double forks 1/2" \$2.60 66032099 Double forks 3/4" \$2.95 Double forks 1" 66033099 \$3.90

SAP LADDER FITTINGS



5/16" 6-way star \$1.90 66180



5/16" 3-way star \$1.90 66183



INS X INS X INS		
3/4"	66074099	\$4.25
1"	66075099	\$4.25
1" x 1" x 3/4"	66066099	\$4.25
1-1/4" x 1-1/4" x 1"	66034098	\$4 95



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 \$0.22 66090714M



7/16" to 5/16" black reducer \$0.23 66090054

Install on stubby spout 66090053. We recommend the use of a 19/64" drill bit for tapping.



7/16" to 5/16" natural reducer \$0.23 66090054N

Install on stubby spout 66090053. We recommend the use of a 19/64" drill bit for tapping.



7/16" to 5/16" thin wall clear reducer \$0.22

66090054M

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



5/16" black spout adaptor \$0.21 66090099A

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



5/16" natural spout adaptor \$0.22 66090099N

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



5/16" clear adaptor with thin wall \$0.18



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



5/16" to 1/4" thin wall clear reducer \$0.18 66090014M



5/16" Zap Bac antibacterial adaptor \$0.32 66090094A

MAXSEAL MULTI-FITTINGS / **FIXED HEAD**



3/4" 66096096 \$2.20 66097096 \$2.35 66098096 1-1/4" \$2.80 Maxseal 66091C \$0.25 single gasket

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

MULTI-FITTINGS / FIXED HEAD



3/4"	66096099	\$2.20
1"	66097099	\$2.35
1-1/4"	66098099	\$2.65

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

MULTI-FITTINGS / PLUG

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



3/4"	66094034	\$2.05
1"	66094091 Screw k	\$2.30



66099099 \$0.28 Screw kit

MULTI-FITTINGS / SWIVEL HEAD



1-1/2"

66064099

\$2.25







SANITIZING CAPS - PERFECT FOR SPOUT SANITATION



Clear cap tip insertion 66030515

\$0.25

5/16" black cap for MaxFlow spouts 66030516

\$0.20



1/4" Clear cap tip insertion 66030514

Clear sanitizing universal cap

*Pieces sold seperately. Customer assembly required.

\$0.25

NEW

CDL200

\$0.24

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.

\$0.26

66030517







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.

66030518

JONATHAN PRESENTS 3 NEW FITTINGS





BUCKET SPOUTS





5/16" bucket spout | Blue 660552 \$1.05

7/16" Spout without hook Aluminum \$1.85 660557



7/16" white bucket spout \$0.90



5/16" Spout without hook Aluminum \$1.85



7/16" bucket spout
Stainless steel \$1.55
66055S

COVERS AND ACCESSORIES



Galvanized cover for 2-gallon bucket \$2.75 66660

\$3.25

\$3.95

Green plastic cover for 2-gallon bucket





Blue plastic cover for 3-gallon bucket \$3.45 663055



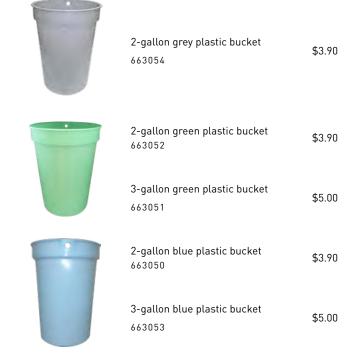
Wire for galvanized cover [25/Pkg] \$6.10



Galvanized bag holder 69BUCKET0102

Blue sap bag \$0.29

BUCKETS



TAPPING STARTER KIT - 15 TAPS



Includes:

1 short tapping bit 5/16" 15 bucket spouts 5/16" 15 plastic buckets (2 gallon) 15 galvanized bucket covers

1 CDL aluminum tapping hammer 1 aluminum spout remover (15") 6600800

\$185.00



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.

SCAN TO SEE THE VIDEO

bit.ly/cdlvideos

	LENGTH	PRODUCT CODE	WARRANTY
Diva	500'	431610021	8 year
Blue	1 000'	431608221	8 year
0	500'	431608025	8 year
Green	1 000'	431608225	8 year

3/16" SPINSEAL FITTINGS

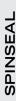


MAXSEAL MULTI-FITTINGS / FIXED HEAD



3/16" FITTINGS

6-7	3/16" clear spout	\$0.20
	Signature	ψ0.20
	We recommend the use of a 5/16" drill bit for tapping	
	3/16" white spout with barbs	\$0.25
	66090316	φυ.25
8	MAXFLOW We recommend the use of a 19/64" drill bit for tapping	
11	3/16" end of line hook	\$0.20
W	66279357	Φ0.20
5	3/16" flat hook connector	
	66303357	\$0.21
	5/16" - 3/16"	
	flat hook connector	\$0.21
	66303356	
1	3/16" T with pin	\$0.30
	66030360	ψ0.00
1	3/16" end of line T with pin	
	66030361	\$0.34
	3/16" - 3/16" - 5/16"	
	health T drop line	\$0.30
and Control	66030355	
	3/16" health T	\$0.30
	66030357	ψ0.50
	3/16" health T end of line	
	66030358	\$0.34
	5-16" - 5/16" - 3/16"	
A STATE OF THE PARTY OF THE PAR	health T drop line	\$0.30
	66030356	
	5-16" - 5/16" - 3/16" health T end of line	\$0.34
	//020250	ψυ.34









COMPLETED IN LESS AN ECO-FRIENDLY THAN 2 MINUTES

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

PRODUCT

The SpinSeal fitting makes mainline recycling easy.

100% **SEALED**

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

See pages 16-17 for SPINSEAL™ mainline >

cdlusa.com

CDL EXCLUSIVE

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

THE SPINSEAL TECHNOLOGY

THE CDL WAY TO SAVE TIME AND MONEY.

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





A SURE VALUE!

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

730100

Price upon



MADE FOR:

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

5/16" GREY SpinSeal plug 66091059 \$0.79







Α	5/16" BLUE SpinSeal Fitting	66091061	\$0.80
В	5/16" BLACK SpinSeal Fitting	66091069	\$0.80
С	5/16" GREEN SpinSeal Fitting	66091065	\$0.80



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

730115 \$21.60

Greek and

5/16" SpinSeal drilling template 73 with drill bit

730101 \$85.00



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

5732

Price upon request

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.

FOR A HEALTHY TUBING SYSTEM



By Christian Gosselin CDL product manager - Forest Division

A healthy tubing system means maximum return on your investment! Here are a few tips to help you.

Is it time to replace your tubing?

First, you need to know the age of the tubing and fittings. If you are not sure, consider these key factors in your analysis.

Have you seen vacuum loss through the years, even with the leaks fixed? If the answer is yes, it means that you have invisible microleaks. They are invisible to the eye and impossible to find when you check for leaks because they do not make noise or large bubbles.

Have you noticed that your 5/16" lines sag and don't stay straight soon after you bind them? If so, it means your tubing has lost most of its original elasticity, meaning it's getting old...

Have you noticed that some of your mainlines are becoming brittle in the winter? Or that they are hard to clean properly? These 2 factors usually show that it's time to replace your mainline.

Ideally, do these verifications on a few strategic sections of the sugarbush to evaluate if it's time to replace part or all of your tubing system.



On average, tubing is replaced after 10 to 15 years, at the same time new trees are tapped.

How to prepare a new installation

Good planning is the key! Before anything else, you have to do an inventory of the entire infrastructure. Map the sugarhouse, all the other buildings, pumping stations and power hook ups. Do you have enough? Are they in the right position? Are they still functional? Plan for short and long term, if you want to add more taps eventually, for example.

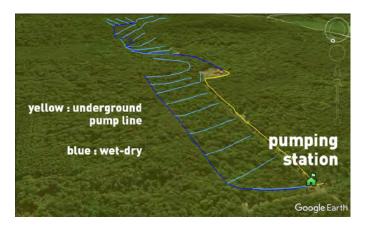
Then, analyze the evolution of the forest since the last tubing installation to optimize the new layout. For example, are there dead trees to take down, and more importantly, where are the new maples that can be added now or in the future? This is the best

Then, you need to consider the **natural elements** of the sugarbush like slopes, roads, and brooks because they will have an impact on the final layout. During the off-season, take the time to walk the woods, analyze the topography to understand how the network is impacted, and fix problems that have been there for a while.

Keep in mind, there are tools that can help you plan. You can map your tubing layout using softwares like Google Earth, Google Map or GIS for example. To determine slopes, get a hypsometer or a pocket level.



Ask about our GPS mapping service. We can build a precise map of your sugaring operation, including the sugarhouse, pump stations and tubing layout.



How to draw your network?

Keep an open mind at this stage, there can be many options. You just have to do a good analysis to make good decisions. Think long term, consider future taps. Do not set up equipment to the limit of their capacity. To get good vacuum and good flow, you must plan for the largest sap flows (usually when the system breaks loose in the morning).

Here's a simple method to help you draw your tubing network.

- Draw a map.
- Place your sugarhouse, pump stations and power entrance.
- Identify slopes.
- Draw the mainlines. 4.
- Evaluate tubing, fitting and spout needs.
- See if the existing equipment meets your needs and consider new technologies.



Our experts are also here to help you size your tubing and transfer pumps.

Which 5/16" to choose?

The first thing to consider is the **stiffness of your tubing**. At CDL, we offer different degrees of flexibility on 5/16" tubing: rigid, semi-rigid and flexible. Check out pages 14 and 15 to find out the advantages of each one before buying.

The operation temperature of the tubing, determined by altitude, orientation and weather is the most important factor to consider when **choosing the color**. Do you know the range of temperature in your sugarbush?

The color of the tubing has an impact on the production. We recommend a lighter color like blue or green for a warm bush. Absorbing less UV rays, the tubing won't overheat and bacteria growth won't be as fast. For colder bushes, use a darker color like a shadow grey or a dark blue so the line thaws faster. You can use different colors in different locations, with lighter colors for southfacing slopes and darker ones for north-facing sections. Using a different color than the one that is already there is also a good way to easily identify the new sections from older sections. The same principle applies for both mainline and 5/16".



The **see-through property** of the tubing is also important to leak check efficiently.

To choose your mainline, you should figure the slope to your sugarhouse, the type of layout (straight or more winding), as well as the type of installation. Think about using the CDL pre-lashed mainline. It does not need to be wire tied, can save you time and labor and provides an easy, one-step installation. For more details, go to page 21. You can also check out the underground installation information.



Work less using our precut drops!

Which spout to choose?

There are many types of spouts available. Some are designed to stay in the woods for years, other models are designed to be replaced every year. It is important to make your choice considering the **frequency** you want to replace them, as well as the level of vacuum you hope to achieve. Some spouts are more suitable for high vacuum systems.

Consider the health of your trees and tap healing when choosing your spouts. The smaller the spout, the smaller the scar in the tree and the faster the healing. So, if your trees are not health and show several scars, consider $\frac{1}{4}$ " spouts instead of $\frac{5}{16}$ ".

The color of the spout is also important for maximum performance. Did you know that white spouts flow 7% more than black ones? The white ones stay cooler, slowing down bacteria growth. Also, a new spout will always run more than an old one. Source: Acer Center.

Installation advice

5/16" tubing installation can be done all year long. However, installing in cold weather is harder and slower. Do not overstretch the 5/16" tubing and never stretch mainline because stress in the lines could cause premature aging and breakage in cold weather.

Finding leaks and repairs

The best advice: **walk your sugarbush!** The time spent inspecting your tubing network will give you better production. Even if you have a CDL monitoring system that helps you find leaks, those leaks won't fix themselves. It is imperative to know your sugarbush and to spend time walking your lines inside and outside of the sugaring season.

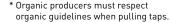


Did you know that each additional inch of mercury above 23 gives you 5% more sap? Above 26, each inch increases production by 6.33%.

Source: Acer Center.

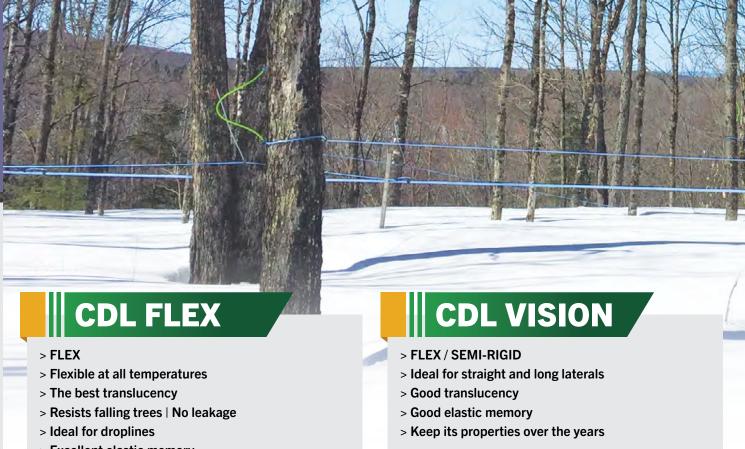


To help you with the management of your tubing network, our expert team is there to guide you step by step!









> Excellent elastic memory











DARK BLUE

lov	/51 / 10007*	10 4000

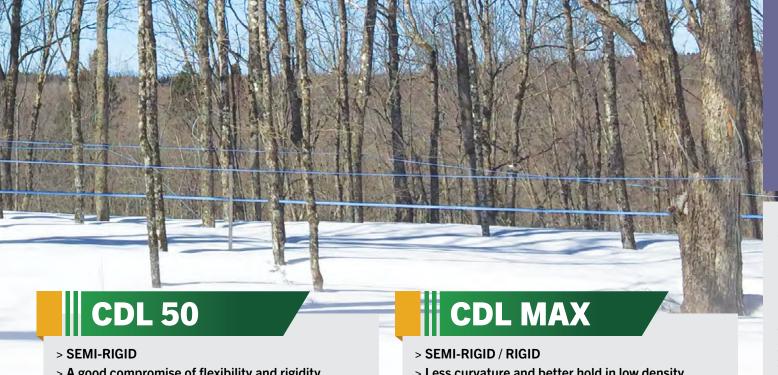
	RIGIDITY	CODE	WARRANTY				
5/16" CDL Flex	Flex	451610001	10 year	5/16" CDL Flex	Flex	451610007*	10 year
5/16" CDL Flex	Flex	451615001*	15 year	5/16" CDL Flex	Flex	451615007	15 year
5/16" CDL Vision	Flex / Semi-rigid	451610021	10 year	5/16" CDL Vision	Flex / Semi-rigid	451610027*	10 year
5/16" CDL 50	Semi-rigid	451610031*	10 year	5/16" CDL Vision	Flex / Semi-rigid	451615027*	15 year
5/16" CDL MAX	Semi-rigid / Rigid	451605011					

^{*} Special order only.

* Special order only.

UPON REQUEST ONLY





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







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	



SHADOW GREY

	RIGIDITY	CODE	WARRANTY
5/16" CDL Flex	Flex	451610006*	10 year
5/16" CDL Flex	Flex	451615006	15 year
			* Special order only

IN THE USA

UPON REQUEST ONLY





Products manufactured by **CDL**



10-YEAR WARRANTY

Get CDL quality!



BLACK



BLUE



GREEN

		SpınSeal	HD	SpınSeal	HD		SpınSeal	HD
	500'	403410069S	403410069	403410061S	403410061	*	NEW 403410065S	403410065*
3/4"	1 000'	-	403410269*	-	403410261		-	403410265*
	2 500' spool	4034101695*	403410169*	403410161S*	403410161*		-	403410165*
	500'	410010069S	410010069	410010061S	410010061	*	NEW 410010065S	410010065
1"	1 000'	410010269S	410010269	410010261S	410010261		410010265S	410010265
	1 500' spool	410010169S	410010169	410010161S	410010161		410010165S	410010165
	500'	411410069S	411410069	411410061S	411410061		-	411410065
11/4"	1 000'	-	411410269*	-	411410261*		-	411410265*
	1 000' spool	411410169S	-	411410161S	-		-	-
11/_"	500'	411210069S	411210069	411210061S	411210061		-	411210065
11/2"	900' spool	411210169S	-	411210161S	-		-	-

^{*} Special order only.



Our commitment

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



^{*} Special order only.

^{*} Special order only.

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**

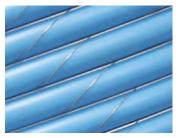


10-YEAR WARRANTY

Get CDL quality!







BLUE



GREEN

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

^{*} Special order only

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

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



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



^{*} Special order only

^{*} Special order only.



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















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

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















	BLUE				GREEN		9	SHADOW G	REY
	CODE	WARRANTY			CODE	WARRANTY		CODE	WARRANTY
500'	6600130805	10 year		500'	6600137510D	10 year	500'	6600144010	10 year
500'	6600127209	15 year		500'	6600137515	15 year	500'	6600142415	15 year
TUDING IS IDENTIFIED WITH DEDMANENT MADKING EVEDY 25'									

TUBING IS IDENTIFIED WITH PERMANENT MARKING EVERY 25

🖴 0 0 0 0 0 🚍 🕟 VERSAPROFILES - 85/16" 4:SAISONS - 10 YEARS/ANS ALIM FOOD GRADE CANADA 🚍 A A M M J J E E

PRECUT DROPS

6600100036 36" 10 year Clear warranty 40" 6600100040

> Other colours and lengths available upon request.



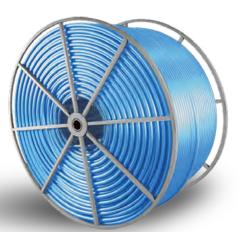
Our precut drops will save you work in the preparation of your drops.

Completely clear for an optimal visibility.

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

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





AERIAL/IN-GROUND HDPE TUBING

VERSAPIPE™FUSION

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

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

145 PSI

TITAN SPOOL

VERSAPROFILES

1" 500' 670020990500 670022720500 - 1" 1 500' spool 670020991500 670022721500 - 1-1/4" 500' 670030990500 670032720500 -		LENGTH	BLACK	BLUE	GREEN
1200	1"	500'	670020990500	670022720500	-
1-1/4" 500' 670030990500 670032720500 -	1"	1 500' spool	670020991500	670022721500	-
	1-1/4"	500'	670030990500	670032720500	-
1-1/4" 1 000' 670030991000 670032721000 -	1-1/4"	1 000'	670030991000	670032721000	-
1-1/2" 500' 661222920500 661222720500 -	1-1/2"	500'	661222920500	661222720500	-
1-1/2" 2 500' spool 661222922500 661222722500 -	1-1/2"	2 500' spool	661222922500	661222722500	-
2" 500' 66230292 66230272 66230375	2"	500'	66230292	66230272	66230375
2" 2 500' spool 662302922500 662302722500 662303752500	2"	2 500' spool	662302922500	662302722500	662303752500
3" 50' rod 66334292 66334272 -	3"	50' rod	66334292	66334272	-
3" 500' 663340990500 663342720500 -	3"	500'	663340990500	663342720500	-
4" 50' rod 663440990050 663432720050 -	4"	50' rod	663440990050	663432720050	-



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

* Special order only.

BURIED



END TO END FUSION



END TO END FUSION ADVANTAGES

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

WIRELESS MAINLINE TUBING



TRANSLUSCENT BLUE

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

RAPI-FIX TENSION STRAPPING

Black 200'

66300099

Prices available upon request.



SCAN TO SEE THE VIDEO bit.ly/cdlvideos







23

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ELECTRO SADDLES



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

ELECTRO COUPLINGS



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

ELECTRO T



1" x 1" x 1"	6613041X1X100
1¼" x 1¼" x 1¼"	661301125
1½" x 1½" x 1½"	661301150
2" x 2" x 2"	661301200
3" x 3" x 3"	6613043X3X300

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



1" x 3/4"	6613021X075
1-1/2" x 1"	66130215X100
1-1/2" x 1-1/4"	66130215X12500
2" x 1"	6613022X100
2" x 1-1/2"	6613022X1500
2" x 1-1/4"	6613022X12500
3" x 2"	6613023X200
4" x 2"	6613024X200
4" x 3"	6613024X300

PURCHASE OR LEASE

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







cdlusa.com

\$4.99

WL12LINK

WIRE TIES

TENSION GRIP

The suppose	REGUI (18 GA		HEAVY [
5" 1000/pkg for ¾" tubing	660851	\$11.20	66085116	\$19.50
6" 1000/pkg for 1" tubing	660861	\$14.15	66086116	\$21.10
7" 1000/pkg for 1¼" tubing	660871	\$14.85	66087116	\$21.90
8" 1000/pkg for 1½" tubing	660881	\$17.70	66088116	\$23.15
10" 1000/pkg for 2" tubing	660811	\$19.50	660810116	\$30.15
12" 2500/pkg	66400112	\$57.90	6640011216	\$80.75
14" 2500/pkg for 3" tubing	66096	\$61.05	6609616	\$81.00
18" 1000/pkg for 3" tubing	-		66423	\$45.15



		- down		(XXXXX	550
		OPEN			
3/4"	663093	\$15.00	1"	663092	\$16.05
		REGULAR			
3/4"	663098	\$12.10	1"	663099	\$15.05
1-1/4"	663097	\$22.90	1-1/2"	663096	\$35.60
2"	663095	\$56.40	3"	663089	\$107.15
	SPLE T	Medium gripple 10-14 GA	66	5503	\$1.85/ea
THE STATE OF THE S	A PARTIE	Large gripple 7,5-10 GA	66	5505	\$3.00/ea
		Jumbo gripple 10-12,5 GA	66	5511	\$4.20/ea
	, pr	Repair wire #9 (orange)	66	2000	\$3.70/ pair
		Repair wire #10 (black)	66	2001	\$3.70/ pair
1		Repair wire 3/16	" 66	2003	\$4.05/ pair
		Repair wire for 1/4" cable	66	2004	\$4.55/ pair
		Steel cable 1/8"	60	042	\$0.14/ft
		Steel cable 3/16'	, 60	1045	\$0.22/ft
		Steel cable 1/4"	60	1043	\$0.38/ft
Se .	3	1/8" cable clamp) 66	038	\$0.61
		3/16" cable clam	ıp 66	036	\$0.57
~	-0	3/8" hook tensioning screw	, 66	7073	\$5.10
4		Galvanised steel ratchet	E1	MRAT01	\$4.99
N.		Rachet handle for wire	E1	MRAT02	\$9.95
0	- Thirthead and a second	Screw eye bolt 1/2" x 5¼" x 1" zir	66 nc	4160	\$4.95

12,5 GA wire link

WIRE AND ACCESSORIES



	GALVANI	ZED	
#9	50 lb	66040	\$79.45
#12	50 lb	66049	\$80.65
#14	#14 50 lb		\$86.55
	HIGH TEN	SION	
#12,5	50 lb	ETBR012.5HT	\$86.95
.134 high carbone	50 lb	66054	\$85.20
.134 high carbone	100 lb	660541	\$158.15
Hydro aluminum #10	± 1500 lb/stool	660301	Price upon request
Hydro aluminum #12	± 1200 lb/stool	NEW 660302	Price upon request

LASHING WIRE



Stainless steel 1 200' \$46.10

WIRE TOOLS



CDL wire bender 650 kg \$125.00



"Contractor" pliers for gripple installation \$141.25 665504



Spring loaded wire gripper \$82.30



Light clamp for gripple \$96.95



Permanent wire gripper for path crossing 667066



Manual wire twister \$6.05



Crimping tool 665701



Automatic wire twister \$30.20



High tension wire cutter
Cuts high carbon wire easily
73069

\$40.75

\$77.15

\$61.15

TOOLS FOR PRE-LASHED MAINLINES INSTALLATION



Pre-lashed mainline retention hook 660604



Wire puller for pre-lashed mainline 660605

\$50.95



Pre-lashed mainline retention pulley 660603

\$193.95

MARKING ACCESSORIES AND TOOLS



Orange fluorescent tape 661015

Yellow fluorescent tape

\$2.10



Sighting hand level

\$40.75



Pink fluorescent tape \$2.10

Mainline level hook 66902

\$64.15

\$540.00

REMIUM QUALITY TAPE 4-SEASON

Blue fluorescent tape 661017

\$2.10

\$8.10

\$2.10

NEW NEW



Spray paint

661018

Pink 661140
Green 661141
Yellow 661142
Orange 661144
Red 661147

Blue

661149



The Forestry Pro II laser rangefinder/hypsometer

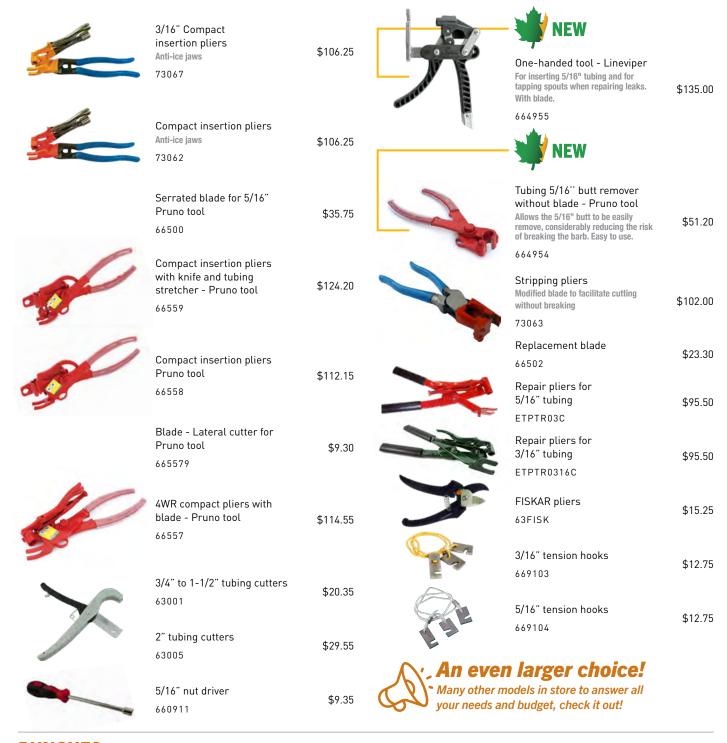
Accurate distance measurer with improved capability and accuracy. Faster response time. New function to store up to 250 results. Compact ergonomics and ease of use.

6606420

27

\$27.05

PLIERS FOR SPOUTS AND TUBING



PUNCHES



5/16" self-adjusting 73060	\$104.50
5/16" drill bit and handle	\$46.90
5/16" only drill bit	\$14.35



31/64" self-adjusting 73059	\$104.50
31/64" drill bit and handle 661851P	\$55.05
31/64" only drill bit	\$05.05

TOOLS FOR TUBING



30" Drop line cutter \$525.00 668086

36" Drop line cutter \$630.00 668089

40" Drop line cutter \$695.00 668088

5/16" Drop line pliers \$255.00 66496

3/16" Drop line pliers \$270.00 66497

Repair pliers with pivot Pruno tool \$110.00 66501

5/16" Condensed fitting pliers \$270.00 Lighter and compact model 73080

3/16" Condensed fitting pliers \$270.00 Lighter and compact model 73081





Galvanized mainline reel on wheels	660416	
Toolbox (optional)	660417	Price upon request
Wire reel (optional)	660418	



Horizontal for 5/16" tubing \$170.40 660411



Vertical for 5/16" tubing \$182.50 660410



For wire \$192.10 66041

MAINLINE DOUBLE FORK PLIERS



1" and ¾"	662191	\$232.15
1½" and 1"	66219	\$293.25
1¼" and 1"	662194	\$232.15
1½" and 1¼"	662195	\$241.00
2" and 1½"	662192	\$287.00
3"	662193	Price upon request
3/4" to 2" Kit	662196	\$421.05



CDL DRILL BITS - HIGH RESISTANT CDL TITAN (TITANIUM)





CDL Line of products

CDL DRILL BITS - HIGH PERFORMANCE

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

17/64" bit	66252	\$20.50
9/32" bit	66262	\$20.50
19/64" bit	66259	\$20.50
1/4" bit	662414	\$20.50
5/16" bit	662516	\$20.50
19/64" long bit Ideal for Precision Tapper	662542	\$23.90
5/16" long bit Ideal for Precision Tapper	662415	\$19.90
1/4" long bit Ideal for Precision Tapper	662540	\$23.90

- \rightarrow 1.5 to 2 times more durable than a standard tapping bit
- → Increased corrosion
- 19/64" bit 662590 \$21.95 5/16" bit 662517 \$21.95
- resistance

DRILL BIT



7/16" titanium bit 66251 \$22.80

DID YOU

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

WORK APRONS





▲ Work apron	66932	\$93.65
B CDL work apron	66934	\$175.00

TAPPING ACCESSORIES



CDL tapping hammer Aluminum handle \$23.40 73064



2 face tapping hammer Aluminum handle \$24.30 68041



Tapping hammer with blade Aluminum handle \$31.95 68042



12" wooden tapping hammer \$7.75 729254045

cdlusa.com

30





CDL exclusivity



PROFITABILTY STARTS FROM TREES!

PREVENT

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

GET RID OF

- → Vacuum loss
- → Production loss
- → High labor cost
- → Unhealthy trees





Precision Tapper™ kit

bit.ly/cdlvideos

Includes: 1 drill, 2 batteries, 1 carrying bag and 1 precision template. *Tapping bit adaptor not



\$750.00

\$395.00

The best tapping drill specifically designed for the maple syrup industry.

HEAD AT 90°

BRUSHLESS

2000

LONG LASTING 5A LITHIUM BATTERY



20V Dewalt drill 663920

20V Dewalt battery 663925

12V-20V Dewalt charger 663921

Carrying bag 663920K









Adaptators for drill bits



6639714

1/4" 19/64" 6639964 \$79.95 5/16" 6639716

(9/16"-18 UNF) 6639714-1

6639964-1 \$79.95



6639716-1



Prices

upon request

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

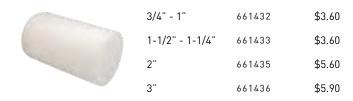
663971



BRUSHES FOR BUCKETS AND SPOUTS



BE CLEANING SPONGES



SPOUT REMOVERS



Α	Steel spout remover	66077	\$10.15
	Aluminum spout remover, Small 15"	68015	\$28.30
D	Aluminum spout remover, Medium 22,5"	68020	\$29.35
В	Aluminum spout remover, Long 30"	68030	\$32.00
	Aluminum spout remover, X-Long 40"	68040	\$36.70
C	Aluminum spout remover 48"	68031	\$49.00
U	Aluminum spout remover 60"	68032	\$54.00
D	Rotating 30" aluminum spout remover. Foam handle	68046	\$153.00

BACKPACK CLEANING KIT

More compact, lighter, more comfortable and specifically designed for maple sugaring.

Specifically developed by CDL for work under vacuum.



Backpack cleaning kit with harness and dozer \$170.00 661616

Backpack cleaning kit with harness, without dozer \$115.80 661612



Dozer gun only, 10 to 20 ml \$55.60 661698

Harness only \$70.70 661691



Replacement tube kit for CDL dozer \$6.75 661692



Three-piece kit for dispenser spout \$13.20 661693



Spring for CDL dozer \$1.55 661694



Scew cap for CDL dozer \$4.75 661689

CLEANING TOOL



CDL flow stopper pliers 73068

\$45.45

2021 CATALOG

CONNECTORS



	INS x INS	
3/4"	662034	\$5.00
1"	662035	\$5.40
11/4"	662037	\$5.00
11/2"	662038	\$5.20
2"	662039	\$8.95
3"	662033	\$18.95

REDUCERS



	INS x INS	
1" x ¾"	665580	\$15.15
11/4" x 3/4"	665586	\$15.75
1¼" x 1"	665581	\$19.20
1½" x ¾"	665587	\$17.15
1½" x 1"	665582	\$20.15
1½" x 1¼"	665599	\$19.85
2" x 1"	665596	\$24.30
2" x 11/4"	710150	\$23.10
2" x 1½"	665583	\$23.10
3" x 2"	6655302	\$51.75

ADAPTATORS



ALD.	г.,	INIC	

I'III I X III O		
1/4" x 5/16"	NEW 664555S	\$8.95
½" x 5/8"	710563	\$14.25
3/4"	665589	\$15.05
1"	665592	\$16.30
11/4"	665591	\$17.30
11/2"	665590	\$18.30
2"	665593	\$22.95
3"	660003	\$50.95

TEES



INS:	x INS x INS	
1/2"	660503	\$19.95
3/4"	7134341	\$20.35
1"	6607527	\$21.40
11/4"	6603106	\$22.40
11/2"	6603105	\$24.00
2"	6603108	\$30.55
1" x 1" x ¾"	660505	\$23.45
1¼" x 1¼" x ¾"	660317	\$23.70
1¼" x 1¼" x 1"	6605061	\$24.00
1½" x 1½" x ¾"	660507	\$24.45
1½" x 1½" x 1"	660506	\$24.45
1½" x 1½" x 1¼"	730312	\$25.00
2" x 2" x ¾"	660508	\$27.50
2" x 2" x 1"	730311	\$27.50
2" x 2" x 11/4"	730314	\$27.80
2" x 2" x 1½"	660511	\$28.05
3" x 3" x 1"	660520	\$58.50



INS x INS x MIPT				
1"	66075251	\$34.95		
1½" x 1½" x	1" 730308	\$30.50		



INS x MIPT x INS		
3/4"	71343415	\$32.55
1"	660515	\$26.35
11/4"	66031066	\$49.95
11/2"	66031056	\$60.15

Y



INS	x INS x INS	
1/2"	6607531	\$21.00
3/4"	6607507	\$21.00
1"	6607501	\$22.40
11/4"	6607510	\$24.45
11/2"	6607508	\$26.50
2"	6607509	\$30.85
3"	6607522	On demand
1" x 1" x ¾"	660751	\$24.45
1" x ¾" x ¾"	660752	\$32.60
1¼" x 1" x 1"	6607511	\$33.60
1¼" x 1¼" x ¾"	6607518	\$26.00
1¼" x 1¼" x 1"	6607512	\$26.50
1½" x 1" x 1"	66075191	\$35.65
1½" x 1¼" x 1¼"	6607515	\$37.70
1½" x 1½ x ¾"	6607520	\$28.50
1½" x 1½ x 1"	6607516	\$26.50
1½" x 1½" x 1¼"	6607505	\$27.50
2" x 2" x ¾"	6607514	\$29.55
2" x 2" x 1"	6607513	\$29.55
2" x 2" x 11/4"	6607519	\$31.60
2" x 2" x 1½"	6607503	\$31.60
3" x 3" x 1"	66075130	On demand
3" x 3" x 1½"	66075128	On demand
3" x 3" x 2"	66075129	On demand



	MIPT x INS x INS	
3/4"	66075121	\$27.40
1"	66075122	\$28.50



	INS x MIPT x INS	
3/4"	66075124	\$27.15

A QUALITY THAT MAKES ALL THE



HOOK PLUGS



	INS	
3/4"	666834	\$11.45
1"	666801	\$12.80
1 1/4"	666114	\$12.50
11/2"	666112	\$12.50
2"	666802	\$16.75
3"	666803	\$27.05
4"	666804	\$28.95

VACUUM ADAPTOR



INS X MIPT X FIPT VACUUM

1 x ¼" 6655921 \$28.50



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

COUPLINGS



1/4"	6010FC025	\$2.50
3/8"	6010FC0375	\$2.50
1/2"	6010FC05	\$3.90
3/4"	6010FC075	\$5.60
1"	6010FC1	\$8.65
11/4"	6010FC125	\$15.95
11/2"	6010FC15	\$16.75
2"	6010FC2	\$17.25

TEES



	FIPT	
1/4"	712525	\$3.55
3/8"	6010T0375	\$4.35
1/2"	711212	\$4.70
3/4"	713434	\$6.90
1"	711010	\$10.45
11/4"	6010T125	\$18.95
11/2"	6010T15	\$20.85
2"	6010T2	\$35.10

THREADED PLUGS

	FIPT	
1/4"	SCA025	\$3.00
1/2"	SCA050	\$3.60
3/4"	6010BF34	\$3.65
1"	6010BF1	\$4.40
11/4"	SCA125	\$7.85
11/2"	SCA150	\$10.00
2"	SCA200	\$13.65



	MIPT	
1/4"	6010B25	\$1.50
3/8"	6010B38	\$1.60
1/2"	6010B12	\$1.90
3/4"	6010B34	\$2.05
1"	6010B1	\$3.65
11/4"	6010B114	\$6.95
11/2"	6010B112	\$7.50
2"	6010B2	\$9.30

ELBOWS



	90° FIPT x FIP	Τ
1/4"	6010914	\$3.20
3/8"	601090038	\$3.35
1/2"	601095	\$3.50
3/4"	6010975	\$5.35
1"	6010901	\$9.10
11/4"	601090125	\$13.20
11/2"	60109015	\$17.55
2"	6010902	\$27.05



	90° MIPT x FIP	T
1/4"	6010913	\$2.85
3/8"	6010900375	\$3.65
1/2"	60109S05	\$4.85
3/4"	601090075	\$6.10
1"	601090	\$9.60
11/4"	601097	\$16.75
11/2"	601096	\$20.30
2"	601092	\$29.80



	45° FIPT	
1/2"	S4E050	\$3.70
3/4"	S4E075	\$6.10
1"	S4E100	\$9.55
11/4"	S4E125	\$13.70
11/2"	60109415	\$17.85

NIPPLES

1/4" close

1/4" x 3"



601104003

1/4" x 6"	SN1256	\$7.40
3/8" close	60150375C	\$3.10
3/8" x 2"	60382	\$3.50
3/8" x 2½"	SN13725	\$4.00
3/8" x 3"	60150383	\$4.05
3/8" x 4"	601503754	\$5.70
3/8" x 5"	SNI375	\$6.15
3/8" x 6"	SN1376	\$7.40
½" close	60150500C	\$3.20
½" x 1½"	SNI051	\$4.00
½" x 2"	601105002	\$4.25
½" x 2½"	6015150025	\$4.70
½" x 3"	60115003	\$4.95
½" x 4"	601105004	\$5.05
½" x 5"	60111501	\$8.10
½" x 6"	60115006	\$8.80
¾" close	60110750C	\$3.50
³¼" x 2"	601107502	\$4.05
³¼" x 3"	601107530C	\$4.05
3/4" x 4"	711005	\$5.75
³¼" x 5"	711015	\$5.95
³¼" x 6"	711003	\$7.85
3/4" x 8"	SN1758	\$16.75
1" close	60151000C	\$4.05
1" x 2"	601002	\$4.90
1" x 3"	60111003	\$6.10
1" x 4"	711004	\$7.40
1" x 5"	601110500	\$8.25
1" x 6"	601110006	\$10.90
1" x 8"	60118	\$20.40
1¼" close	60111250C	\$7.20
1¼" x 2½"	601112525	\$11.05
1¼" " x 3"	601112503	\$11.90
1¼" " x 4"	711006	\$15.35
1¼" " x 5"	SNI125	\$16.95
1¼" " x 6"	711017	\$18.00
1½" close	60111500C	\$7.40
1½" x 2½"	6011150025	\$11.20
1½" x 3"	60111503	\$12.25
1½" x 4"	711009	\$13.30
1½" x 5"	SNI155	\$16.05
1½" x 6"	601115006	\$17.85
1½" x 8"	SNI158	\$27.25
2" close	60152000C	\$10.10
2" x 3"	SN1203	\$17.00
2" x 6"	601120006	\$19.40
Other lengths available:		
12"-24"-48"-72"-96" Cr	intact iis	

12"-24"-48"-72"-96". Contact us.

REDUCERS

\$2.60

\$2.85



	FIPT x FIPT	
1/4" x 3/8"	SC2537	\$5.15
1/2" x 1/4"	SC5025	\$6.40
½" x 3/8"	SC5037	\$6.40
3/4" x 1/4"	SC7525	\$8.60
³/4" x 3/8"	SC7537	\$9.20
3/4" x 1/2"	SC7550	\$9.60
1" x 1/4"	SC1025	\$12.70
1" x 3/8"	SC1037	\$12.70
1" x ½"	SC1050	\$12.70
1" x ¾"	SC1075	\$12.70
11/4" x 1/2"	SC1250	\$19.15
11/4" x 3/4"	SC1275	\$19.15
1¼" x 1"	SC1210	\$19.15
1½" x ½"	SC1550	\$20.70
1½" x ¾"	SC1575	\$20.70
1½" x 1"	SC1510	\$20.70
1½" x 1¼"	SC1512	\$20.70
2" x 1"	SC2010	\$26.50
2" x 1½"	SC2015	\$26.50



M	IPT	Y	FI	PT	

	MILLXLILI	
1/4" x 3/8"	711014	\$2.55
½" x ¼"	715025	\$2.65
½" x 3/8"	705038	\$2.75
3/4" x 1/4"	713414	\$3.90
³ / ₄ " x 3/8"	713438	\$3.95
3/4" x 1/2"	713412	\$4.00
1" x 1/4"	714014	\$7.75
1" x 3/8"	SB1037	\$7.85
1" x ½"	711012	\$7.95
1" x 3/4"	711034	\$8.55
11/4" x 3/8"	SB1237	\$11.85
11/4" x 1/2"	665551	\$9.20
11/4" x 3/4"	714075	\$9.70
11/4" x 1"	714100	\$9.85
1½" x ½"	712050	\$12.15
1½" x ¾"	712034	\$12.95
1½" x 1"	711210	\$14.00
1½" x 1¼"	712114	\$14.50
2" x ½"	SB2050	\$22.45
2" x 3/4"	711013	\$22.65
2" x 1"	711020	\$22.85
2" x 11/4"	711225	\$23.05
2" x 1½"	712015	\$23.25

BUTTERFLY VALVES



11/2"	60T150	\$95.00
2"	60P88CC2	\$100.00
21/2"	60T212	\$140.00
3"	60T300	\$145.00

QUICK COUPLINGS



COMPLETE SET		
3/4"	662034SS	\$40.55
1"	66201SS	\$41.60
11/4"	662014SS	\$46.80
11/2"	662012SS	\$69.70
2"	6620255	\$74.45

	INSERTION PART O	NLY
3/4"	736650	\$13.40
1"	736651	\$14.90
11/4"	736652	\$15.85
11/2"	736655	\$20.75
2"	736656	\$25.95

CLIPS X MIPT FERRULES



1½" x ¾"	736654	\$17.30
1½" x 1"	6788991D1	\$18.30
1½" x 1¼"	770060	\$20.35
1½" x 1½"	770024	\$22.95
2" x 11/4"	60R14SW214	\$24.45
2" x 2"	60R14SW22	\$31.10
2" x 1½"	60R14SW215	\$30.55
2½" x 2"	770049	\$33,65

CLIPS X FIPT FERRULES



1½" x ¾"	6788991D3	\$20.35
1½" x 1"	6788991D4	\$26.15
2" x 11/4"	67THRE2X114ST	\$29.55
2" x 1½"	6598140	\$30.55
2" x 2"	6598142 WNEW	\$31.95
2½" x 2"	6598141	\$35.65

SILICONE GASKETS FOR FERRULES



11/2"	60GASKET112SILI	\$3.60
2"	60GASKET2SILI	\$4.05
21/2"	60GASKET212SILI	\$6.05
3"	60GASKET3	\$6.40

CLIPS FERRULES



QUICK		
11/2"	60R13C112	\$41.95
2"	60R13C2	\$42.95
21/2"	60R13C212	\$56.95
3"	60R13C3	\$60.00



HEAVY DUTY		
11/2"	60R13HC112	\$14.95
2"	60R13HC2	\$15.95
21/2"	60R13HC212	\$18.95
3"	60R13HC3	\$24.95



SCREW STYLE				
11/2"	60R13VT112	\$15.95		
2"	60R13VT2	\$16.95		
21/2"	60R13VT212	\$19.95		

QUICK COUPLINGS



A	3/4"	6620182	\$7.75
	1"	6620163	\$10.00
	11/4"	6620156	\$13.85
D	3/4"	6620180	\$15.75
1½ B 3½" 1" C 1½ 1½ 1½ 1½ 1½ 1½	1"	6620166	\$18.50
C -	3/4"	6620183	\$17.40
	1"	6620164	\$17.95
	11/4"	6620158	\$32.00
	11/2"	6620148	\$32.25
E	3/4"	6620184	\$10.20
	1"	6620165	\$10.75
	11/4"	6620157	\$18.75
	11/2"	6620159	\$21.95
F	3/4"	6620181	\$9.40
	1"	6620161	\$10.95
	11/4"	6620101	\$15.50
	11/2"	6620145	\$19.00

QUICK COUPLINGS / POLYETHYLENE





	PART A	
1/2"	6620102	\$4.85
3/4"	6620107A	\$4.25
1"	6620111	\$4.50
11/4"	6620109A	\$4.80
11/2"	6620110A	\$5.00
2"	66202A	\$5.65
3"	6620302	\$15.45



	PARTE	
1/2"	6620141	\$4.95
3/4"	6620112	\$4.95
1"	6620113	\$5.00
11/4"	6620114	\$5.60
11/2"	6620115	\$5.75
2"	66202E	\$6.65
3"	6620309	\$19.55



PART B	
6620104	\$9.30
6620107B	\$9.55
6620118	\$11.15
6620129	\$14.15
6620137	\$13.80
66202B	\$16.20
6620103	\$26.50
	6620104 6620107B 6620118 6620129 6620137 66202B



	PART F	
1/2"	6620105	\$5.00
3/4"	6620121	\$4.95
1"	6620122	\$5.10
11/4"	6620127	\$5.95
11/2"	6620128	\$5.90
2"	6620160	\$6.65
3"	6620306	\$19.55



	PARTC	
1/2"	6620140	\$9.95
3/4"	6620107C	\$10.25
1"	6620108	\$11.40
11/4"	6620109C	\$13.30
11/2"	6620110	\$13.40
2"	66202C	\$15.65
3"	6620305	\$27.25



PART DP		
3/4"	6620130	\$4.40
1"	6620123	\$4.95
11/2"	6620131	\$5.45
2"	6620138	\$6.50
3"	6620311	\$14.75



	PART D	
1/2"	6620106	\$10.25
3/4"	6620107D	\$10.50
1"	6620119	\$11.50
11/4"	6620120	\$13.50
11/2"	6620133	\$13.50
2"	66202D	\$16.95
3"	6620300	\$26.65



	3/4"	6620134	\$9.50
	1"	6620125	\$10.30
ì	11/2"	6620135	\$13.05
	2"	6620139	\$15.95
	3"	6620144	\$25.95

PART DC



J	002000	Ψ20.00
	T FIPT x FIPT	
2"	63250	\$12.10
0"	10015	A-4 00



	GASKETS	
3/4"	6607901	\$1.30
1"	6607902	\$1.30
1¼" et 1½"	6607903	\$1.45
2"	6607904	\$1.70
3"	6607905	\$2.55



2"	63250	\$12.10
3"	63245	\$51.30



REDUCERS MIPT x FIPT			
3" x 2"	63251	\$15.65	



	ELBOWS FIPT X	FIPI
2"	63252	\$8.85
3"	63244	\$39.30



2"	63248	\$9.40
3"	63247	\$24.00



	COUPLINGS FIPT >	(FIPT
2"	63249	\$12.80
3"	63246	\$29.30



	BALL VALVES	
2" FIPT	63242	\$67.25
2" MIPT	63243	\$77.20
2" 3 voies FIPT	710156	\$112.00
3" FIPT	63253	\$133.85

















A- COUPLINGS WITHOUT RESTRICTION

	MIPT x INS	
3/4"	630100	\$5.15
1"	630101	\$5.05
11/4"	630102	\$5.80
11/2"	630103	\$6.90

B-ADAPTORS

	INS x FIPT	
1/2"	64091	\$3.35
3/4"	64092	\$2.85
1"	64093	\$3.60
11/4"	64094	\$3.60
11/2"	64096	\$4.55
2"	63230	\$7.60

	MIPT x INS	
1/2"	66195	\$0.70
3/4"	64054	\$0.71
1"	64056	\$0.75
11/4"	66198	\$1.22
11/2"	66199	\$1.25
2"	66200	\$2.35

C- REDUCING ADAPTORS

	MIPT x INS	
½" x ¾"	64053	\$1.75
½" x 1"	6605301	\$3.00
3/4" x 1/2"	64058	\$1.75
³¼" x 1"	63200	\$2.10
1" x ¾"	66089	\$1.75
1" x 11/4"	63205	\$2.05
1" x 1½	63204	\$3.35
11/4" x 3/4"	64060	\$2.20
1¼" x 1"	64062	\$2.00
11/4" x 11/2"	63206	\$3.20
1½" x 1"	64064	\$3.05
1½" x 1¼"	64066	\$3.15
1½" x 2"	63208	\$4.15
2" x 1½"	63210	\$4.05

D- TEES

1/2"	66022	\$1.25
3/4"	66023	\$1.60
1"	66029	\$1.65
11/4"	6602801	\$2.55
11/2"	66030	\$2.85
2"	66033	\$5.60
½" x ½ x ¾"	63150	\$3.30
3/4" x 3/4" x 1/2"	635002	\$2.95
3/4" x 3/4" x 1"	63152	\$3.25
1" x 1" x ½"	6602401	\$1.90
1" x 1" x ¾"	66024	\$1.75
1" x 1" x 1¼"	66020	\$5.20
1¼" x 1" x ½"	6602001	\$3.45
1¼" x 1" x ¾"	6602002	\$3.70
1¼" x 1" x 1"	6602003	\$5.80
1¼" x 1¼" x ½"	6602004	\$2.90
1¼" x 1¼" x ¾"	66025	\$2.95
1¼" x 1¼" x 1"	66028	\$3.50
1½" x 1¼" x 1"	66028011	\$4.85
1½" x 1¼" x 1¼"	66028021	\$5.20
1½" x 1½" x ½"	6602803	\$4.90
1½" x 1½" x ¾"	66026	\$4.15
1½" x 1½" x 1"	66027	\$3.95
1½" x 1½" x 1¼"	66021	\$4.45
2" x 1½" x 1½"	6602101	\$7.80
2" x 2" x ½"	6602102	\$7.50
2" x 2" x 3/4"	6602103	\$5.35
2" x 2" x 1"	66357	\$6.85
2" x 2" x 11/4"	6602105	\$6.75
2" x 2" x 1½"	6602106	\$6.25

INS x INS x INS

INS x INS x MIPT		
3/4" x 3/4" x 3/4"	678483	\$2.60
1" x 1" x 1"	678484	\$2.90
1¼" x 1¼" x 1¼"	678485	\$3.55
1½" x 1½" x 1½"	6602804	\$3.90
2" x 2" x 2"	660331	\$6.40

INS x INS x FIPT		
3/4" x 3/4" x 1/2"	6602901	\$1.75
1" x 1" x ½"	6602701	\$2.05
1¼" x 1¼" x ½"	66025010	\$2.80
1½" x 1½" x ½"	6602601	\$6.60

E- CONNECTORS

	INS x INS	
1/2"	66012	\$0.60
3/4"	66013	\$0.75
1"	66014	\$0.75
11/4"	66015	\$1.05
11/2"	66016	\$1.30
2"	63220	\$2.20

F- REDUCERS

	INS x INS	
3/4" x 1/2"	66069	\$0.95
1" x ½"	66066	\$1.20
1" x 3/4"	66065	\$1.25
11/4" x 3/4"	66092	\$1.80
1¼" x 1"	66073	\$1.80
1½" x ¾"	66093	\$2.40
1½" x 1"	63175	\$2.25
1½" x 1¼"	66078	\$2.25
2" x 1"	63222	\$3.15
2" x 1¼"	63225	\$3.05
2 x 1½"	66067	\$3.10

G-90° ELBOWS

1/2"	66045	\$1.30
3/4"	66046	\$1.40
1"	64068	\$1.85
11/4"	64070	\$1.80
1" x ¾"	64073	\$2.70
11/2"	64072	\$2.10
2"	66666	\$3.05
3"	66677	\$20.40

INS x FIPT		
3/4" X X 1/2"	63156	\$1.50
1" x ½"	64071	\$1.30

H- CAPS

	INS	
1/2"	66076	\$1.10
3/4"	66043	\$1.05
1"	66059	\$1.40
11/4"	66060	\$1.80
11/2"	66061	\$2.00
2"	66062	\$4.05

\$1.40

COMPLETE SELECTION AVAILABLE IN STORE!

CROSSES (SLIP)



1"	6608152	\$4.25
11/2"	6608153	\$6.60
2"	6608154	\$8.05
21/2"	6608156	\$10.90
3"	6608155	\$15.55

Y (SLIP)



1"	6613149	\$3.50
11/2"	6613150	\$7.50
2"	6613152	\$18.25
3"	661330	\$29.65

TEES



FIPT x FIPT x FIPT		
1/2"	63177	\$1.85
3/4"	63182	\$2.95
1"	63180	\$3.95
11/4"	63178	\$4.55
11/2"	63179	\$5.35
2"	63181	\$7.15



SLIP x SLIP x SLIP		
1"	63184	\$1.10
11/2"	66058150	\$1.80
2"	665545	\$2.25
3"	664565	\$10.00
4"	664599	\$17.20



SLIP x SLIP x FIPT		
1"	631801	\$1.75
11/2	66058151	\$2.90
2"	665637	\$4.55



PVC SUPPORT		
1" x 1" x 1"	6645303	\$1.40
1½" x 1½" x 1½	6645304	\$2.75
2" x 2" x 2"	6645305	\$4.70
3" x 3" x 2"	6645306	\$14.80

90° ELBOWS



11/4"	66147	\$2.40
11/2"	66088152	\$2.60
2"	665530	\$4.95
3"	665499	\$12.70
4"	63214	\$28.00

FIPT x SLIP

SP x SLIP



1"

11/2"	66088154	\$1.90
2"	665527	\$5.45
	SLIP x SLIP	
1"	63207	\$0.75
11/4"	661471	\$1.20
11/2"	66088150	\$1.30
2"	665526	\$2.80
21/2"	665543	\$5.70
3"	665534	\$6.65
4"	63203	\$12.00

MIPT x SLIP

631982



1"	631981	\$0.90
11/2"	66088151	\$1.65
2"	665532	\$4.20
3"	665528	\$15.10
4"	63216	\$24.75



21/2"	665543	\$5.70
3"	665534	\$6.65
4"	63203	\$12.00
	90° ELBOWS (SP x FIPT)	
11/2"	66088160	\$3.60



1/2"	63190	\$0.90
1"	63192	\$2.80
11/4"	63193	\$3.25
11/2"	63194	\$3.25
	MIDT v FIDT	

FIPT x FIPT



	22.5° ELBOWS (SLIP x SLIP)	
11/2"	66088156	\$4.60
2"	665540	\$4.75
3"	665529	\$15.10



		MIPT x FIPT	
	1/2"	63196	\$1.05
	3/4"	63197	\$1.45
Ì	1"	63198	\$2.00
7	11/4"	63163	\$2.60
	11/2"	63166	\$2.75
	2"	64086	\$5.65
	3"	665512	\$20.30



45° ELBOWS (SLIP x SLIP)		
1"	63130	\$1.15
11/4"	63131	\$1.40
11/2"	66088153	\$1.85
2"	665531	\$2.30
3"	665536	\$12.55
4"	63215	\$23.15

2021 CATALOG 🚽

ADAPTORS



	SP x FIPT	
1"	63015	\$1.50
11/2"	66068154	\$2.00
2"	665585	\$2.45
3"	6606806	\$9.75



	FIPT x SLIP	
1"	63012	\$0.74
11/2"	66068153	\$1.70
2"	665546	\$2.45
21/2"	6606804	\$3.10
3"	6606803	\$4.00
4"	664094	\$9.90



1½" 665557 \$2.30			
	1"	63011	\$1.30
2" 6655461 \$5.05	11/2"	665557	\$2.30
	2"	6655461	\$5.05

SLIP x INS



	MIPT X SLIP	
1" x 1"	63010	\$0.70
1¼" x 1¼"	63014	\$2.25
1½" x 1½"	66068150	\$1.25
2" x 2"	665525	\$1.60
2½" x 2½"	665547	\$5.40
3" x 3"	6606801	\$5.60
4" x 4"	665506	\$8.15

REDUCERS



\$1.80
\$1.25
\$1.25
\$1.65
\$1.35
\$1.35
\$2.10
\$1.95
\$2.55
\$2.65
\$2.70
\$2.90
\$2.65
\$2.75
\$2.60
\$10.45



	SP x SLIP	
1½" x 1"	669783	\$1.25
1½" x 1¼"	660481	\$1.25
2" x ¾"	669787	\$1.90
2" x 1½"	662545	\$2.15
2½" x 1½"	669795	\$3.50
2½" x 2"	669794	\$2.90
3" x 1½"	669786	\$3.25
3" x 2"	679799	\$3.40
3" x 2½"	669796	\$5.50
4" x 2"	669788	\$6.15
4" x 3"	669778	\$7.75



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				pr.	

1¼" x 1"



1¼" x 1"	NEW 660781251	\$2.35
1½" x ¾"	66078151	\$2.05
1½" x 1"	66078150	\$2.05
1½" x 1¼"	66078152	\$2.05
2" x ¾"	66078275	\$2.50
2" x 1"	66078201	\$2.75
2" x 11/4"	66078153	\$2.70
2" x 1½"	66078250	\$2.75
3" x 2½"	660101	\$3.20
4" x 3"	6625475	\$6.85
	SLIP x SLIP	

SP x FIPT



1½" x 1"	669779	\$2.40
2" x 1½"	669797	\$2.70
3" x 2"	669793	\$14.70
	MIPT x SLIP	
1¼" x 1½"	66068151	\$2.10
1¼" x 1½" 2" x 1½"	66068151 66068152	\$2.10 \$2.90

66990

\$1.70

CONNECTORS



SLIP x SLIP			
1"	66452	\$0.55	
11/2"	66098150	\$0.80	
2"	665535	\$1.15	
3"	668831	\$3.75	
4"	668835	\$6.35	

\$0.66

\$2.15

\$3.05

\$3.27

\$4.45

CAPS



SLIP			
1"	669734	\$0.56	
11/2"	630351	\$0.95	
2"	668820	\$1.50	
3"	66881	\$3.85	
4"	66882	\$12.50	



	FIPT	
1/2"	660521	\$0.70
3/4"	660801	\$0.85
1"	660802	\$1.70
11/4"	660586	\$1.70
11/2"	630352	\$2.35
2"	660583	\$2.55
21/2"	660584	\$4.75
3"	660806	\$6.70



ADHESIVES AND TEFLON

	MIPT	
1/4"	66053	\$1.20
1/2"	66052	\$1.15
3/4"	6606101	\$1.00
1"	6606102	\$1.55
11/4"	6606103	\$1.60
11/2"	63035	\$1.75
2"	66058	\$2.30
21/2"	660585	\$3.70
3"	66884	\$5.50
4"	66885	\$9.95

QUICK CONNECTORS



1"	66699	\$4.40
11/4"	667003	\$10.70
11/2"	66700	\$13.30
2"	66701	\$15.55
3"	66702	\$37.10
4"	667044	\$48.95
	FIPT x FIPT	
1"	66698	\$8.50
11/4"	667004	\$13.90
11/2"	6670012	\$14.30
2"	667012	\$20.65
3"	66693	\$37.30

SLIP x SLIP

CLAMPS



HF-16 (1")	66083	\$0.67
HF-20 (11/4")	660831	\$0.68
HF-24 (1½")	66084	\$0.71
HF-32 (2")	6608401	\$0.77

66082

> ANSWERS SUGARMAKER'S NEEDS

11/4"

11/2"

2"

3"

HF-10 (34")



HS-10 (%)	660822	\$0.80
HS-16 (1")	6608301	\$0.76
HS-20 (1¼")	6608311	\$0.86
HS-24 (1½")	660841	\$0.89
HS-32 (2")	60HAS32	\$1.05
1"	660848	\$2.05

660838

660849

660843

660842

Stainless steel









Α	FusionPro tape, 2,5 cm x 3 m	661300	\$10.50
D	PVC glue, 118 ml	667055	\$5.35
В	PVC glue, 473 ml	667056	\$11.95
C	Teflon, ½" x 40' (10 m)	64100	\$0.85
D	Blue Monster TEFLON TAPE ½" x 1429"	64102	\$7.35
D	Blue Monster TEFLON TAPE ¾" x 1429"	64104	\$8.90
Е	Pink Teflon, $1/2$ " x 260" Pink Teflon, $1/2$ " x 45' (10 m) Pink Teflon is designed for plumbing, it's more resistant than white Teflon.	64105	\$4.55
F	Grey Teflon, ½" x 260" Grey Teflon is designed for stainless steel fittings	64106	\$4.55



Heavy duty	4"	660854	\$6.95
	1"	660848S	\$4.10
	11/4"	660838S	\$4.05
The state of the s	11/2"	660849S	\$5.95
1	2"	660843S	\$6.45
duty stainless steel	3"	660842S	\$7.50



Heavy duty st

		,
11/2"	660846	\$7.40
2"	660847	\$9.55

2021 CATALOG

PVC VALVES







3"



BALL VALVES (FIPT)		
1/2"	63100	\$2.80
3/4"	63105	\$3.30
1"	63110	\$4.90
11/4"	63115	\$6.40
11/2"	63120	\$9.15
2"	63125	\$12.25

\$61.20

63128

GATE VALVES (SLIP)		
1"	66175031	\$17.80
11/2"	6617504	\$18.10
2"	6617506	\$23.30
3"	6617507	\$31.20
4"	6617509	\$127.55

BALL VALVES HEAVY DUTY (FIPT)		
1/2"	63100R	\$4.60
3/4"	63105R	\$5.35
1"	63110R	\$6.55
11/4"	63115R	\$8.80
11/2"	63120R	\$12.30
2"	63125R	\$16.90
3"	63128R	\$65.90

STAINLESS STEEL VALVES







1/4"	6617053	\$16.30
3/8"	601438	\$18.30
1/2"	601412	\$20.35
3/4"	601475	\$27.65
1"	6013TBV21	\$34.65
11/4"	601414	\$54.05
11/2"	601415	\$71.40

BALL VALVES (FIPT)

2"	6013TBV22	\$107.30
	BALL VALVES (IN	S x INS)
3/4"	66177075	\$18.95
1"	66177100	\$20.85
	BALL VALVES (IN	S x FIPT)
3/4"	66178075	\$18.95

66178100

	3-WAY VALVES (O	SMOSIS)
3/4"	71017	\$85.00
1"	71014	\$93.50
3	-WAY VALVES (ST	ANDARD)
3/4"	71076W	\$41.95
1"	71077W	\$45.95

\$20.85

\$22.90

PVC BALL VALVE



	SP	
1"	6618106	\$19.25
11/2"	6618107	\$33.45
2"	6618108	\$48.55
	SP + FIPT	
1"	6618109	\$22.00
11/2"	6618110	\$39.40

PVC SINGLE UNION VALVES

1/2"



FIPT x FIPT		
1"	6618100	\$18.00
11/2"	6618101	\$27.00
2"	6618102	\$39.50
	SLIP	
1"	6618103	\$17.90
11/2"	6618104	\$19.00
2"		\$29.50

CHECK VALVES





	SLIP x SLIP PVC CLAIR
11/2"	6607112
2"	660702
3"	660703
	FIPT x FIPT PVC CLAIR
1/2"	660712
2/"	

FIPT x FIPT PVC CLAIR		
1/2"	660712	\$28.90
3/4"	660734	\$31.10
1"	660701	\$32.15
11/4"	660714	\$33.60
11/2"	660715	\$36.70
2"	660716	\$54.30







Stainless	steel

660733	\$24.80
660711	\$26.20
SLIP x SLIP	
660735	\$27.95
SWING CHECK VALV	'ES
71013	\$28.95
71011	\$29.95
660706	\$63.95
660705	\$69.95
	660711 SLIP x SLIP 660735 SWING CHECK VALV 71013 71011 660706

FIPT x FIPT

660731

\$34.80

\$50.05 \$94.70

PVC RIGID PIPES

Sold in 10'	3 "	6645011
	4"	664513
		CLEAR
	11/2"	6625601040
Sold in 8' length	2"	6625801040

1"

11/2"

2"

*Price by foot

\$1.15/ft

\$1.45/ft

\$3.15/ft

\$3.65/ft \$5.25/ft

\$5.15/ft

\$6.05/ft

Not approved food grade

PVC FLEXIBLE PIPES

6645101 \$1.85/ft 11/2" 6645001 \$3.00/ft 2" 6645002 \$4.45/ft 3" 6645003 \$14.65/ft

*Price by foot

*Price by foot

PVC STRAPS



1"	667401	\$0.89
11/4"	667413	\$0.90
11/2"	667415	\$1.30
2"	667420	\$1.90
3"	667430	\$4.35

HOSES

CLEAR FLEXIBLE VACUUM

WHITE

6645100

6645006

6645020

3/4"	66450512	\$3.00/ft
1"	6645051	\$3.60/ft
11/4"	664504	\$4.05/ft
11/2"	664505	\$5.20/ft
2"	6614922	\$6.20/ft
3"	664503	\$11.85/ft

FLEXIBLE HIGH PRESSURE



3/4"	66243	\$1.70/ft
1"	6600400	\$2.70/ft
11/4"	6600500	\$4.15/ft
11/2"	66006099200	\$5.90/ft
2"	661491	\$7 40/ft

100 PSI and more (pressure) For pressure pumps



1"	620610	\$2.35/ft
11/4"	620612	\$2.70/ft
11/2"	620615	\$3.06/ft
2"	620620	\$5.15/ft
3"	62030	\$8.32/ft
4"	620640	\$14.45/ft

GREEN FLEXIBLE

1	620610	\$2.35/ft
11/4"	620612	\$2.70/ft
11/2"	620615	\$3.06/ft
2"	620620	\$5.15/ft
3"	62030	\$8.32/ft
4"	620640	\$14.45/ft



1/8" CLEAR THIN WALL

3/4"	6600300	\$1.53/ft
7/8"	660078*	\$3.06/ft
1"	66004001	\$2.08/ft
1-1/8"	660112*	\$2.45/ft
11/4"	664507	\$2.90/ft

Not recommended for vacuum (maximum 30 PSI)

* Use on CDL reverse osmosis

	1/4" CLEAR THICK WA	ALL
3/4"	660030012001	\$3.85/ft
1"	660040012001	\$4.55/ft
11/4"	660050992001	\$5.85/ft
11/2"	660060992001	\$8.50/ft
2"	66149	\$8.95/ft

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

1/4"POLYETHYLENE TUBING





TUB.1/4"POLYETHYLENE		
1/4"	661415	\$0.28/ft

HOSES FOR FILTER PRESSES







Λ	Clear 5/8"	6600210	\$2.55/ft
A	Clear 1"	6600110	\$6.90/ft

5/8" High temperature high pressure 66285 \$7.70/ft

RUBBER COUPLINGS AND CLAMPS

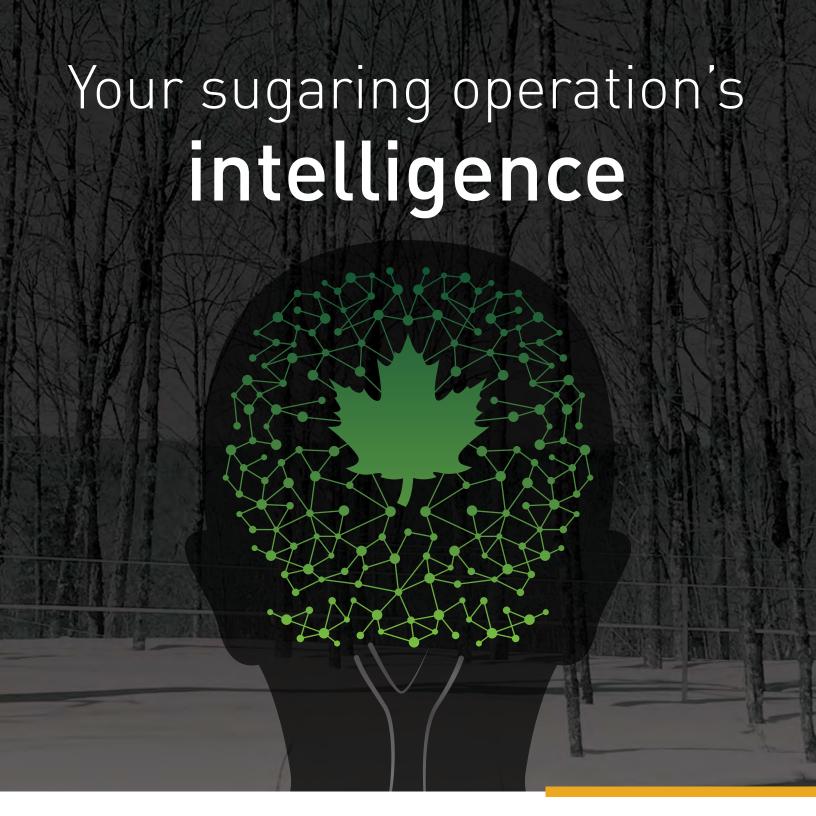


	COUPLINGS	
11/4"	66094	\$6.45
11/2"	669050	\$6.65
2"	669051	\$8.68
3"	669058	\$10.75
4"	669060	\$13.75



11/4"	66094	\$6.45
11/2"	669050	\$6.65
2"	669051	\$8.68
3"	669058	\$10.75
4"	669060	\$13.75

REDUCERS		
1½" x 1¼"	66099	\$6.65
2" x 1½"	66098	\$8.68
4" x 2"	669054	\$17.25
3" x 4"	669059	\$17.40



CDL monitoring reaches new levels.

From surveillance to absolute control and automation of the systems of your sugaring operation.

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

From the smallest to the largest installation, **Let CDL intelligence do the work for you!**

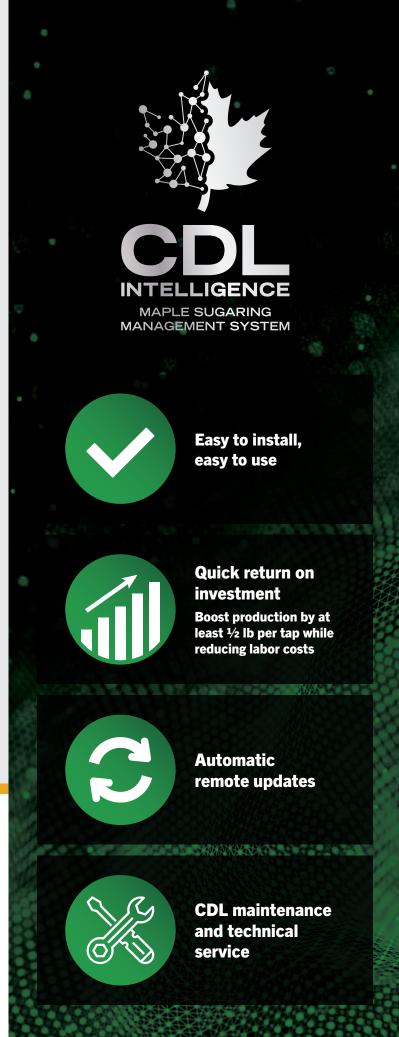


LET CDL INTELLIGENCE DO THE WORK FOR YOU!

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



cdlusa.com

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
- Day and night infrared camera surveillance
- Automation of many repetitive daily tasks
- Personalized SMS or email alerts
- Ability to have multiple users with different levels of control
- Time and employee task management
- Geolocation of employees in the woods

WISEMESH



SMART MAPLE PRODUCTION NETWORK

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

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



44

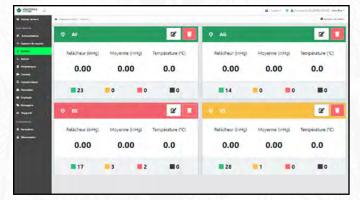
WITH CDL INTELLIGENCE, YOU'RE GAINING ACCESS TO A RESPONSIVE, **USER-FRIENDLY** INTERFACE.

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

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

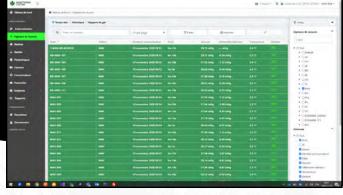


Interface overview



Station overview





Vacuum table





STARTER KIT

21090-EN

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.



OUTDOORS

Vacuum sensor (single)

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

SE100-V

Vacuum sensor (double)

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

SE100-V-2

Communication gateway V2

Ensures that information is transmitted between the wireless vacuum sensors and the control hub. SG100-V2

Qi wireless charger and AC/DC adaptor PG200 assy

Induction charger for the portable gateway.

22201A



PUMPING STATION



VACUUM REGULATING MODULATING VALVE

CDL MONITORING SYSTEM OPTION FOR REMOTE VACUUM MODULATION

SCAN TO SEE THE VIDEO bit.lv/cdlvideos



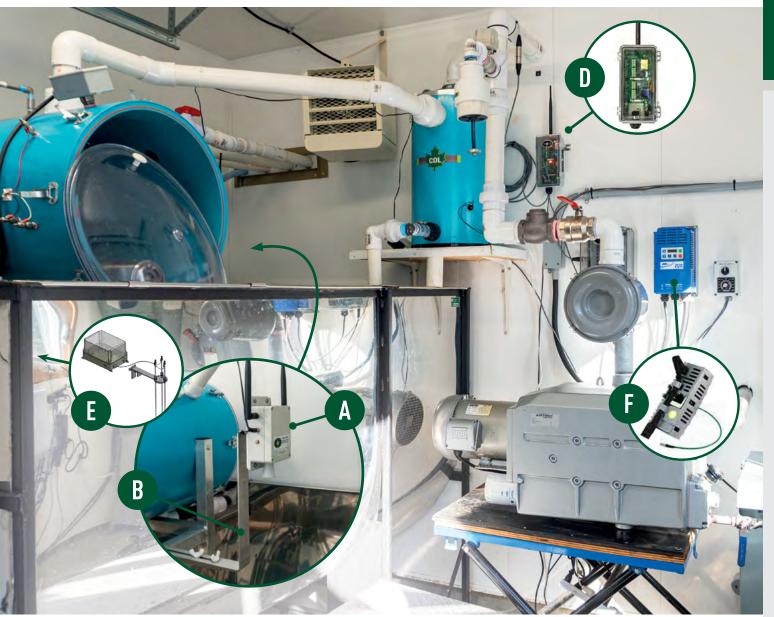
ADVANTAGES:

- > Improve vacuum management to prevent premature mainline freezing when temperature are close to 0 degrees 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 \$285.00

Vacuum regulator and plumbing not included.

PUMPING STATION (CONTINUED)



Tank level sensor

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

SA100-HT

Tank level sensor holder

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

21120

Digital HD camera

Lets you watch your equipment day and night.



20200

Multifonction controller (in/out)

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

SE200-M2

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

Tank level sensor kit with probes

Provides automatic control of pressure pumps.

66551

Communication module

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

21206

PUMPING STATION (CONTINUED)

FLOWMETERS



CDL ULTRASONIC FLOWMETER

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

1" RS-485 MESH	210100U

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 - 79GPM	210100
1-1/2" RS-485 ME 6.5-225GPM	SH ₂₁₀₁₅₀
2" RS-485 MESH 10.5-357GPM	210200





MOTORIZED VALVES

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

Motorized valve 120V | ON/OFF 2" ferrule 668408S

Motorized valve 120V | ON/OFF 2" ferrule 6684095

Motorized valve 120V | ON/OFF 2-1/2" ferrule 668410S

Motorized valve 120V | ON/OFF 3" ferrule 668411S

Motorized valve 120V | ON/OFF 4" ferrule





INTERFACE

CDL Control base

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

21082A





REMOTE SUPPORT AND INSTALLATION SERVICES THROUGHOUT THE USA AND CANADA FOR PEACE OF MIND.





cdlusa.com

INTERFACE (CONTINUED)

PORTABLE GATEWAY (SNIFFER)

Works with CDL's Wisemesh.

THE WAY TO STAY CONNECTED TO THE CDL INTELLIGENCE SYSTEM OF YOUR OPERATION, EVEN IF YOU DON'T HAVE INTERNET ACCESS.

GEOLOCATION DEVICE TO SIMPLIFY FOREST WORK.

Combined with your smart phone, the Sniffer allows you to:

- Look at data transmitted by the vacuum sensors to fix leaks.
- > Geolocalise in the forest employees or work teams to capture their worktime, their work and their movement.

PG200

Very fast battery charging (maximum 3 hours). Over 12 hours autonomy.



INNOVATION



EMPLOYEE MANAGEMENT MODULE

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

FROM THE WEB INTERFACE, THE SYSTEM ADMINISTRATOR CAN:

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

> Build timecard reports

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

> Detailed view of timecards

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

FROM THE MOBILE APP,

- > With the sniffer, log employee displacements
- > Time card: Start/stop the stopwatch and possibility to specify the task

With the CDL sniffer, you will stay connected to the MESH network in the forest, even without internet access.





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

50



ADVANTAGES

- → Continuous sap evacuation;
- → Progressive pump start;
- → Progressive pump stop;
- → Minimizes amperage peaks;
- → Stays clean;
- → Continuous action.







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HORIZONTAL EXTRACTORS WITH SUBMERSIBLE PUMP



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

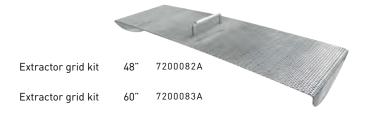
ADVANTAGES

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

OFTEN COPIED, NEVER EQUALLED!

18" x 48"	204820ES	1/2 HP
18" x 48" 🐴	204820ES2	2 HP
18" x 48" 🔨	204820ES2LP	1 x 2 HP Low pressure
18" x 48" <u>^</u>	204820ES2D	2 x 2 HP
18" x 48" 🔨	204820ES2DLP	2 x 2 HP Low pressure
18" x 60" <u>^</u>	206020ES3	3 x 2 HP
18" x 60" 🔨	206020ES3LP	3 x 2 HP Low pressure
18" x 60" <u>^</u>	206020ES4	4 x 2 HP
18" x 60" 🔨	206020ES4LP	4 x 2 HP Low pressure
Pressure gauge not included		Prices available upon request

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



LOW HORIZONTAL EXTRACTORS



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

CAN BE CONNECTED TO CONNECTED T

ADVANTAGES

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

Submersible conversion kits available.

12" x 24"	1224ES	1 x ½ HP
18" x 36"	1836ES	½ HP
18" x 36" 🔨	1836ES15	1 ½ HP
18" x 48" 🔨	2048ES2	2 HP
18" x 48" 🔨	2048ES2LP	1 x 2 HP Low pressure
18" x 48" 🔨	2048ES2D	2 x 2 HP
18" x 48" 🔨	2048ES2DLP	2 x 2 HP Low pressure

Pressure gauge not included

Prices available upon request

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



1224ES







51

2021 CATALOG Cdlusa.com

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SELF-CLEANING EXTRACTORS

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





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

* Requires external pump and plumbing (not included). Contact us for details!





VERTICAL EXTRACTORS WITH SUBMERSIBLE PUMP





		Without manifold	With manifold
18" x 40"	1/2 HP	2036ES	203608ES
18" x 40"	1-1/2 HP	2036ES2 With converter	203608ES2
18" x 40"	2 x 1/2 HP	2036ESD	203608ESD
18" x 40"	2 x 1-1/2 HP	2036ES2D With converter	203608ES2D
Pressure gauge not included			Prices available upon request

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

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.

MECHANICAL EXTRACTORS







12" x 24" 122408 4 000 taps

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



ADVANTAGES

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

18" x 24"	202608	Manifold 8" x 26 low	6 000 taps	8 11/2" openings
18" x 24"	202612	Manifold 12" x 26 low	12 000 taps	8 11/2" openings
18" x 36"	203612	Manifold 12" x 36 low	20 000 taps	No openings

Pressure gauge not included Prices are available upon request

ELECTRICAL EXTRACTORS



Inlets to be drilled and tapped to your needs

12" x 18" 1000 taps 121808ESM



4 1 ½" openings 2 1" openings

12" x 18" 1000 taps



4 1" openings

12" x 24" 3 000 taps

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

33

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.



\$1 130.00

CDL 3" high vacuum moisture trap mechanical/electrical

710607

VACUUM PROTECTION VALVE





668411 Prix sur demande

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

MOISTURE TRAPS





Α	CDL 2" moisture Trap	6610508	\$222.00
D	CDL 3" moisture Trap	710605	\$304.00
D	Electric option	667282	\$56.20

VACUUM BOOSTER TANKS THICK WALL



Pressure gauge included



Pressure gauge included

HORIZONTAL 721806

\$205.00

\$745.00

6" x 24"	722406	\$210.00
8" x 18"	721808	\$210.00
8" x 24"	722408	\$225.00
12" x 18"	721812	\$265.00
12" x 24"	722412	\$330.00
12" x 36"	723612	\$365.00
12" x 48"	724812	\$385.00
18" x 24"	722418	\$565.00

723618

18" x 36"

VERTICAL	
720618	\$170.00
720818	\$185.00
721218	\$255.00
721224	\$270.00
721236	\$310.00
	720618 720818 721218 721224

REPAIR PARTS



Snaps D-2000 folded 662641P \$3.25



Hinge and spring kit 662481 \$12.55 for extractors



SAP LIFTERS





Simple sap filter	300 taps	73015
Double sap filter	600 taps	73017
Triple sap filter	1 200 taps	73018



DESIGN BY CDL!

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'.

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

Included in the kit:

- 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)

3 available models:

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

230V electric model with 1 pump From 300 to 1000 taps* 7380002301P

230V electric model with 2 pumps From 600 to 2000 taps* 7380002302P

* May vary depending on vacuum level.



TREE WATER AND CDL: A WINNING TEAM!



By Martin Chabot Co-owner of CDL

Birch sap over the last centuries

Although it is common to hear of maple tapping, the tapping of other species such as birch is not new! In Western Europe, birch sap has been collected since the 12th century, and is then prescribed by apothecaries! Many doctors give it draining properties and use it at the time to treat problems with kidney stones, but also skin diseases.

Birch sap has also been used in Asia for several centuries for medicinal purposes, since the use of plants is part of the ancestral tradition. In North America, indigenous peoples already incorporated birch sap into their diet or medicinal practices. It was in Alaska, however, after World War I, that more industrial birch syrup production first emerged, as the sugar shortage forced people to use their imaginations to find substitutes.

The development of the industry is happening quickly in Alaska, but also in Canada, by adapting techniques and equipment for the production of maple syrup, which is very widespread, to that of birch syrup.

Source : https://bit.ly/rapport-fmlsj

An enriching personal experience!

"Me the first, I never thought of tapping birch trees on my land to make birch syrup!

Travels allowed me to open my horizons and make the leap into this production. For 2 seasons, I have tapped 300 birch trees on our family sugarbush for research and development purposes. Thanks to our expertise acquired in the maple syrup industry, we are able to guide producers in adapting their practices for this booming production in Quebec and internationally."

- Martin Chabot Co-owner of CDL



Image by : Forest Farmer

Did you know that CDL has developed expertise over the past fifteen years in tree sap, and more specifically in tree syrup production?

At CDL, we first developed a field of expertise in forest harvesting and plant syrup production, which subsequently enabled us to adapt our maple equipment already in place. More recently, our ultrafiltration process, which improves the preservation of sap and water concentrate, is a perfect example of the adaptability of our equipment for producers of tree sap and syrup. Currently, birch sap is in great demand, both among consumers and pharmaceutical companies, all over the world. As a result, this great market demand is creating enthusiasm among some producers who see that business is likely to be very good in the coming years.

The species exploited vary from one continent to another, from one zone to another, obviously depending on the climate and the dominance of the species observed. For example, in Saguenay-Lac-St-Jean and Manitoba (Canada), it is white birch, while in New England, it is more yellow birch. On European soil, we find more white and gray birch trees.

CDL, A COLLABORATOR OF CHOICE IN SEVERAL CASE STUDIES

CDL participates in the largest birch sap harvesting and processing projects in North America. In Quebec, CDL has collaborated on numerous projects in several regions. The Forest Farmer project, located in Vermont and New York, is one of the largest with 50,000 yellow birches.

We are also collaborating with one of the biggest installations in Europe... We cannot say more for the moment! Keep an eye out, and visit our new website entirely dedicated to birch sap at birchsapcdl.com for more on the subject! We will soon unveil several ongoing projects.

Want to dive in?

In order to extend your sugaring season, why not turn to this production? Did you know that it can work very well with your maple syrup production? Contact us for more information!



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

WE DID THE MATH!

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





CDL HIGH PERFORMANCE VANE VACUUM PUMP

DESIGNED FOR UP TO 29,9"HG!

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

For 1 000 to 11 300 taps!

1.5HP 208-460V 3PH	(1 000 TAPS)	58031G11.5HP
2HP 208-460V 3PH	(1 800 TAPS)	58041G12HP
2HP 240V 1PH	(1 800 TAPS)	58041G42HP
3HP 208-460V 3PH	(3 000 TAPS)	58064G13HP
3HP 240V 1PH	(3 000 TAPS)	58064G43HP
5HP 208-460V 3PH	(3 700 TAPS)	58101G15HP
5HP 240V 1PH	(3 700 TAPS)	58101G45HP
7.5HP 208-460V 3PH	(7 000 TAPS)	58160G17.5HP
7.5HP 240V 1PH	(7 000 TAPS)	58160G47.5HP
7.5HP 208-460V 3PH	(8 300 TAPS)	58200G17.5HP
7.5HP 240V 1PH	(8 300 TAPS)	58200G47.5HP
10HP 208-460V 3PH	(11 300 TAPS)	58250G110HP





ADVANTAGES

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

SCAN TO SEE THE VIDEO bit.ly/cdlvideos



Optional: heating element to keep the oil warm

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

CDL HIGH VACUUM PUMP WITH GAS MOTOR

THE ASSEMBLY **INCLUDES:**

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

Gas powered CDL vacuum pump 5 HP assembled (less than 1800 taps) 58041GG5HP

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

Prices are available upon request



ADJUSTABLE CARTS FOR CDL AND AIRTECH (L-SERIES) VACUUM PUMPS



Adjustable cart for CDL and Airtech vacuum pump

1.5 HP to 5 HP

6660100

CDL and Airtech vacuum pump

Adjustable cart for

5 HP to 10 HP

Available options:

Board for 6660100PA

Moisture trap support

control panel

6660100SU

Available options:

Board for 6660200PA control panel

Moisture trap support

6660200SU

6660200

DIAPHRAGM VACUUM PUMPS

(IDEAL FOR SMALL PRODUCERS)







B

60-amp hour batteries. Battery not included.

		N. A.
/-		103
	C	

ADVANTAGES

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

Inline filter required to prevent ice from going in the pump. See page 80.

Note: These pumps must be protected from freezing.



Replacement diaphragm

G500SK-13

\$17.00

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

Prices are available upon request

LIQUID RING CLOSED-COUPLED PUMPS 3AV SERIES

Designed to reach up to 29"Hg.

Very compact and energy efficient design



AIRTECH pump 3AV55 3.0 HP 208-460V 3PH ASS 68303A AIRTECH pump 3AV55 3.0 HP 240V 1PH ASS 68300A AIRTECH pump 3AV130 5.0 HP 208-460V 3PH ASS 68503A AIRTECH pump 3AV130 7.5 HP 240V 1PH ASS. 68500A AIRTECH pump 3AV155 7.5 HP 208-460V 3PH ASS. 68753A AIRTECH pump 3AV255 10.0 HP 208-460V 3PH ASS 68103A AIRTECH pump 3AV330 15.0 HP 208-460V 3PH ASS. 681503A AIRTECH pump 3AV430 20.0 HP 208-460V 3PH ASS. 68203A

Does not require a strap or couplings. ISO 9001 manufacturing and stainless steel rotor.

TWO-STAGE LIQUID RING PUMPS

SiHi 3 HP, assembled	66130
SiHi 5 HP, assembled	66131
SiHi 7,5 HP, assembled	66132
SiHi 10 HP, assembled	66133



PHASE CONVERTERS



	$1 \rightarrow 3$ 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

Prices are available upon request

AUTOMATIC STARTERS



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

Price upon request



Factory preprogrammed

OIL FOR RECLAIMERS



High vacuum oil, 18,9 L Grade 32 663532





AUTOMATIC STARTERS







A	Temperature controlled automatic starter	669375	\$160.00
В	Manual adjustment kit for converter	68100	\$225.00
С	Vacuum transmitter probe	GRD1632	\$198.00

VACUUM REGULATOR



721212

\$119.80

HIGH VACUUM OIL FOR AIRTECH AND CDL VANE PUMPS



6635378

3.78 L

Vane pump oil ISO 22

Price upon request

\$21.00

VACUUM OIL FOR VANE PUMPS



Vacuum oil, 10 L Grade 60

Ideal for DeLaval pump Without reclaimer

663549

Price upon

recommanded by



Vane pump oil 22 20 L 663520

recommanded by



Screw pump oil Airtech VCX, 1 L

68AT03000 AIRTECH

2021 CATALOG

GAUGES

Vacuum	2,5" 0-30 HG SS	64011SS	\$32.00	Glycerin pressure	2,5" 0-100 PSI SS bottom outlet	66330SS	\$32.10
A. A	4" 0-30 HG SS	66120SS	\$54.00		2,5" 0-100 PSI SS rear outlet	663331SS	\$36.20
Digital	3 % precision				2,5" 0-200 PSI SS bottom outlet	663339SS	\$32.10
vacuum	0.20110	//010	¢220.00		2,5" 0-200 PSI SS rear outlet	663349SS	\$36.20
0.0	0-30 HG 64019	04019	\$220.00	*	2,5" 0-600 PSI SS bottom outlet	663348SS	\$32.10
Pressure	2,5"			Stainless steel rear outlet	2,5" 0-600 PSI SS rear outlet	663337SS	\$36.20
	0-100 PSI SS bottom outlet	64010SS	\$32.00		2,5" 0-1 000 PSI SS bottom outlet	64014SS	\$32.10
	2,5" 0-100 PSI SS rear outlet	64016SS	\$35.10		2,5" 0-1 000 PSI SS rear outlet	66500210SS	\$36.20

PRESSURE PUMPS (VACUUM)



GOULD PU	MPS NPE SI	ERIES
3/4 HP	669003	1 st
1 HP	669000	1 st
1½ HP	669001	1 st
2 HP	669006	1 st
3 HP	669007	1 st
1-1/2 HP	669011	2 st
2 HP	669020	2 st
3 HP	669021	2 st
5 HP	NEW 669015	2 st
1-1/2 HP	669028	3 st
2 HP	669024	3 st
3 HP	669022	3 st

Prices are available upon request

1 st : Water inlet 11/4" Water outlet 1" 40 GPM

2 st : Water inlet 11/2" Water outlet 11/4" 80 GPM

3 st : Water inlet 2" Water outlet 11/2" 120 GPM

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

New stainless steel tips

The conversion of cast iron tips to stainless steel can be done by CDL.

Ask for it!



E-SV Series available upon request

For special cases, up to 475 PSI and 700GPM

GOULD PUM	IPS GB SERIE	S

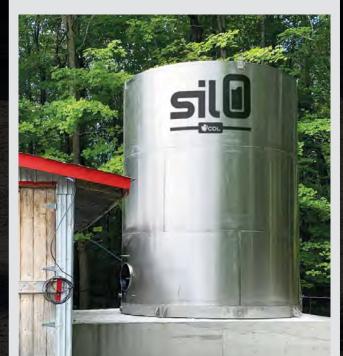
5 GPM	665GBS10	1 HP
7 GPM	667GBS10	1 HP
10 GPM	6610GBS10	1 HP
10 GPM	6610GBS15	11/2 HP
10 GPM	6610GBS20	2 HP
18 GPM	6618GBS10	1 HP
18 GPM	6618GBS15	11/2 HP
18 GPM	6618GBS20	2 HP
18 GPM	6618GBS30	3 HP
25 GPM	6625GBS10	1 HP
25 GPM	6625GBS15	11/2 HP
25 GPM	6625GBS20	2 HP
25 GPM	6625GBS30	3 HP
	Prices are availa	able upon request

Flow rate from 5 to 33GPM. Up to 250 PSI



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'

Included:

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

Optional:

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





THE BEST OPTION TO **QUICKLY STORE A LARGE QUANTITY OF MAPLE SAP!**

"PICK A SPOT, LEVEL IT AND YOU ARE DONE!"

Francis Baillargeon, Product Manager





- **Turnkey**
- **Freestanding**
- Doesn't require a concrete base or a building around it
- Easy to install and move if necessary
- Waterproof and rodents can't get in either

ALTERNATIVE FOR LEASED PROPERTIES!

GREAT

Included:

- 40' container
- > Stainless steel tank:
 - Size: 7' x 36' x 7'
 - 9 808 imperial gallon capacity (11 770 US gallons)
 - · SS access door
 - Clear PVC tank level
 - With many supports
 - 3" outlet
 - 4" overflow

HOOK UP YOUR CONTAINER TANK TO YOU

CDL INTELLIGENCE SYSTEM!

Optional:

- Level control sensors
- Level control sensor holder
- Remote controlled tank washing system
- 3" motorized outlet valve









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

Complete listing at www.cdlusa.com



ADVANTAGES

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



Prices are available upon request

Elevated 6" for easier plumbing

TRANSPORT TANK FOR ATV

CDL transport tank specially designed for ATVs

75 gallons capacity



STRONG

STAINLESS STEEL

EXTRACTOR SUPPORTS

SUPPORT KITS

2' wide	672078	\$130.00
3' wide	672079	\$200.00
4' wide	672080	\$205.00
5' wide	672081	\$225.00
6' wide	6720821	\$245.00
7' wide	672082	\$280.00

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

Stainless steel





TANK WASHER WITH REMOTE CONTROL

Innovative



Labor-saving automated tank washing

> SCAN TO SEE THE VIDEO

bit.ly/cdlvideos



Several sizes available. Contact your CDL representative!

NIVERSAL MIXER AND STAINLESS

EEL SUPPORT



TANK LEVEL CONTROL



5' level control for CDL tanks \$343.60 73500 6' level control for CDL tanks \$348.85

ADVANTAGES

73500-6

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



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

6792034

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

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

ADAPTORS



	FUR PLASTIC TANKS	
1/2"	RA5012	\$14.05
3/4"	RA5032P	\$18.50
1"	RA5034P	\$21.90
1-1/4"	RA5036P	\$24.00
1-1/2"	RA50309P	\$26.95
2"	RA5042P	\$28.95
3"	RA5454P	\$39.95

FOR STAINLESS STEEL TANKS



-1/4"	668673	\$89.00
-1/4"	66867	\$91.35
	668672	\$107.85

\$92.15

\$93.50

\$111.45



HORIZONTAL PLASTIC TANKS

US GALLONS	DIAMETER X HEIGHT	LID SIZE	OUTLET	
35	20" x 23" x 29"	5"	3/4"	HOR035
55	23" x 26" x 34"	5"	3/4"	HOR055
65	23" x 27" x 43"	5"	3/4"	HORO65
125	32" x 35" x 42"	8"	2"	H0R125
225	38" x 41" x 49"	8"	2"	HOR225
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"	HOR525
725	49" x 54" 101"	16"	2"	HOR725
1 025	49" x 54" x 139"	16"	2"	H0R102
1 625	63" x 68" x 139"	16"	2"	H01625

Prices are subject to change without notice.



Elliptical tanks also available Ask your representative!

Adaptors and level indicator included. Galvanized bands not included.

SPECIAL APPLICATION

Prices are available upon request



Applicator tank Available size: 12 US gallons.



PC0 tank Available sizes: 30 to 300 US gallons.

TANKS - VARIOUS MODELS



				_	
	GALLONS US	LARG. X HAUT. X LONG.	COUV.	SORTIE	
	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
D	400	29" x 71" x 66"	16"	1-1/4"	SPE400



VERTICAL PLASTIC TANKS

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

TANK STRAINER BASKETS



For 5" cover	STBA05	\$19.35
For 8" cover	STBA08	\$50.95
For 12" cover	STBA12	\$58.10
For 16" cover	STBA16	\$91.80

REPLACEMENT LIDS AND COLLARS

16" solid, non-ventilated cover	LIDP16S	\$43.40
16" ventilated, requires central cover	LIDP16	\$46.35
5" ventilated, for center of 16" cover	LIDPV5	\$13.80
8" solid, non-ventilated cover	LIDP08	\$29.55
5" ventilated 16" cover	LIDP05	\$22.40
8" threaded replacement collar	COL008	\$16.85
12" threaded replacement collar	COL012	\$17.10

ULTRAFILTRATION

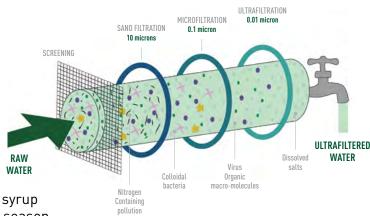
Be a part of the next innovation in maple sugaring



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



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CDL NANO RO REVERSE OSMOSIS SYSTEM

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

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

2 AVAILABLE MODELS:

3 membrane model with recirculation

81013R

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

2 membrane model

81008

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

Replacement parts:

- > 66821001 PP Filter 600 GAL.
- > 660600 600 GPD RO Membrane



ULTRA COMPACT HOBBY RO

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

81050

2021 CATALOG

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)

125 GPH

81250V 250 GPH

81125V



BUCKETS OR TUBING?

You have a small quantity of taps and you wonder if you should use buckets or a gravity system with 3/16" tubing? Here are a few things to consider when making your decision.

If you are leaning towards buckets, keep in mind the days when you will be by yourself to collect the sap. Finding help on the weekends is not a problem, but sap can flow seven days a week. Even with buckets, collecting the sap quickly is key a good quality maple syrup and avoiding sap spoilage.

With buckets, you have to set up and remove them every year. With tubing, once it's up, it's there for a long time. However, you need to tap, check leaks and pull taps every season. Even though it is less time consuming as buckets, you still need help managing and maintaining the tubing system. Another thing to consider is the accessibility of your woods. If you are using buckets, you need to maintain access roads and trails to be able to collect the sap. Tubing allows you to collect the sap in one or a few collection points, limiting the need of so many trails.

Whether you are using buckets or tubing, a reverse osmosis machine (RO) can save you time and money. ROs are available for any size producer. Do not underestimate its impact on your boiling time and your workload.



In any tubing operation, you need gravity to assist the sap flow. An important consideration when planning a tubing install is the natural slope of your sugarbush. You need a fairly steep grade to make it work. The tubing must go straight up the hill. For good results, you need a good height difference between the top of the tubing system and the bottom. The column of sap in the tubing then creates a natural vacuum that gets bigger as the height difference increase the top and the bottom of the line. This means the highest taps on top of the hill get the highest vacuum and that the vacuum slowly decreases as you go down.

Installing a 3/16" gravity system is a good transition step from buckets toward a full vacuum system! Do not hesitate to contact your local CDL sales representative or dealer for more guidance when deciding what system is right for you.







LA FENDEUSE CLASSIC

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

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

LA FENDEUSE DELUXE

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



20+ RO

Capacity up to 7600 GPH at 20 Brix

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

See the next page for post configuration.

CONTINUOUS BRIX READER

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



668417

Prices are available upon request.



CDL POSTS FOR RO

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





16" post - Vertical

16" post - Horizontal

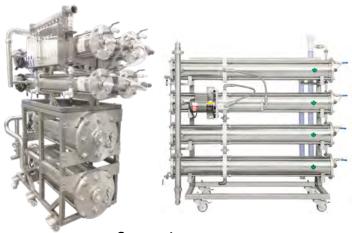
POST CARTS

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

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



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

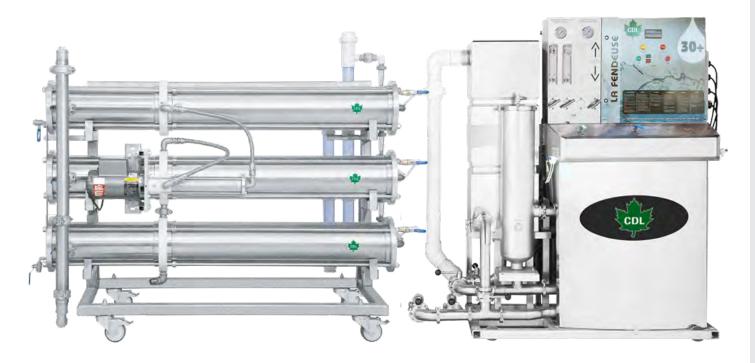


- Compact;
- Ultra simple connections;
- Easy to operate;
- Easy access to the membranes.

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

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



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

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

Ask your CDL sales representative.





IT DOES EVERYTHING BY ITSELF:

SCAN TO SEE THE VIDEO bit.ly/cdlvideos



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



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







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

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

The Control of the Co

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

REMOTE FEATURES:

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

INTELLIGENT MANAGEMENTS:

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

INTELLIGENT SOFTWARE UPDATES

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



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

CDL EXPERTISE AT THE SERVICE OF MAPLE SYRUP PRODUCERS!

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

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



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

> Maple syrup and technical advice

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

> GPS mapping

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

> Installation of mainlines and tubing

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

> Equipment rental

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

> Assembly of drop lines

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





> Implementation of the CDL monitoring system

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

> Turnkey installation of equipment

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

> Repair at the sugarhouse

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

> Personalization and modification of equipment

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

> 24/7 assistance during the sugaring season

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



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

MULTIPLE CARTRIDGE HOUSING



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

665056

Stainless steel base for the multiple cartridge housing

Interior support only 665068

ADVANTAGES

Prices are available upon request

→ Designed and manufactured by CDL;
 → Quick and easy filter changes;
 → High filtration capacity;

→ Creates no restrictions at the entrance of the RO.



Change your RO prefilters in 1 minute!

MRO MAX MEMBRANES & STORAGE CANISTERS

4" CDL MRO MAX membrane 6604040

8" CDL MRO MAX membrane 6608040

16" CDL membrane 660016



Prices available upon request

- → MRO technology
- → Low-Fouling Technology
- → Stable performance
- → Superior sugar and minerals retention
- → Greater tolerance to hign Ph
- → Sustained performance at high Brix concentration
- → Better cross-flow circulation in concentrated liquids

Ì			
	A	4" storage canister 724204	\$89.95
	В	8" storage canister 724225	\$275.00
		16" storage canister 724226	Price upon request

PREFILTERS



Pre-filter cartridge
5 mic. 10" \$3.85
6682101

Pre-filter cartridge
5 mic. 20" Price upon request
66821

10" synthetic filter
protectors | 12/pkg
66207

20" synthetic filter
protectors | 12/pkg
66208





66207	
20" synthetic filter protectors 12/pkg 66208	\$10.15
6-1/2" plexiglass cover 66270	\$36.70
10" filtration bag 6-1/2"x16" EVBAG100	\$6.05
20" filtration bag 6-1/2"x32" EVBAG200	\$9.15
30" filtration bag 6-1/2"x30" 66823-30	\$11.75

OTHER

中静	Food grade o-ring grease 6 g 66531	\$3.40
	Food grade o-ring grease 150 g 66535	\$30.55
\multimap	Wrench for blue filter 662283	\$9.85
Merchich!	10 GPM Bluewhite flowmeter 661042	\$159.10
	1/4" NPT valve x Tube 90° 6622312	\$17.85
	4" membrane U-cup 66402	\$9.99
\bigcup	8" membrane U-cup 66401	\$16.95

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CLEANING AND STORAGE SOLUTIONS





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Organic soap "Superflow green" 4L (Liquid) 66245	Oxisan Cleaner G 4 L 66298	\$52.00
Organic membrane soap "Superflow green" 1 kg (powder) 662403	Storage solution H 1 kg 80000	\$11.50
Organic soap "Superflow green" 22.7 kg (powder) 662402	50/50 Glycol 20 L 88020	\$96.90



\$21.95

\$21.95

MEASURING INSTRUMENTS



pH 0-2,5 Papers 50/pkg \$19.60 668802 pH 10-13 Papers 50/pkg \$20.15



TRUST THE CDL BRAND FOR CLEANING AND STORAGE SOLUTIONS.

QUALITY, EFFICIENCY.



Calibration solution pH 10 500 ml 718866

Calibration solution pH 4 500 ml 718865



PH tester \$92.35 665514



Portable conductivity tester \$108.00 718856



Heating element 3 000 W - 240 V \$54.15 66493



Temperature control \$190.00 669371



FILTERS





2" line filter only

20" complete blue filter housing

6620604K

665050

1½" line filter + 24-micron cartridge 6615024	\$101.95
1½" 24-micron filter cartridge only 660024	\$30.35
1½" line filter only 6615024K	\$79.50
2" line filter + 24-micron cartridge 6620604	\$157.95
2" 24-micron filter cartridge only 660025	\$51.05

\$125.50

\$101.15

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RETAIL SALES:

HOW TO STAND OUT FROM YOUR COMPETITION?



By Eric Labrecque,
Sales Manager - Packaging Division

Selling retail your maple syrup or transforming it in multiple products, here are a few tips to help you stand out from your competition!

History!

The only thing your competition will never be able to copy is your history! People are always interested to know more about you! Do not hesitate to share the origin of your passion for maple sugaring as well as the history of your business or your products. The attachment feeling between your customers and you and your business will only grow if they know you better.

Novelty!

A good way to keep the interest of your clientele is to regularly add to your product offering. As an example, you could come up with a new product each year or offer a new size for an existing product. Don't be afraid to ask your customer what they are looking for! Innovate more than your competition; don't be afraid to be daring!

Complementary offer!

Sometime, you only have to offer a complementary product or service to increase your sales. If you already have a maple BBQ sauce, why not add a dry rub. It would be a nice duo for any BBQ expert!



It's important to increase your complementary offer inside your business, but also with businesses outside of your market. Why not suggest to a local bakery to sell your new maple caramel? During the sugaring season, you could offer fresh bread and develop an interesting partnership, who knows?

Home delivery can also be part of your complementary offer, especially during a pandemic.

Packaging!

Do you remember the feeling of opening a Christmas gift? Try to give your customers the same feeling when they unwrap your products! Nice packaging is an art and it does have a significant impact! It must hook your customer and it also need to be distinctive. An interesting way to do it is to include a brief history of your company. Suggest other ways to use the product or you can even add recipe ideas!

Personalization!

Offer a personalization service for your products or your packaging. Customers like to stand out and they want a turnkey service. It can be as simple as offering different colors for the packaging, leave a space to write "To and From". For wedding favors, add a personalized card with graphics and a special message from the groom and bride!

Don't hesitate to personalize your service by adding a handwritten note to thank your customers for example. A little extra can make a big difference!

What little extra will you work on this coming year?

BEGINNER BOILING KIT



16" x 16" kit

PRFW16

\$505.00

INCLUDES:

- →1 R-65 propane burner
- \rightarrow 1 hose and regulator
- →1 16" x 16" sugar pan
- \rightarrow 1 propane burner support
- →1 3/4" stainless steel nipple
- →13/4" FIPT stainless steel ball valv6

16" x 32" kit PRFW32 \$775.00

INCLUDES:

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







16" x 16" 15 tap kit

6600801

\$585.00

INCLUDES:

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



THE PERFECT SOLUTION **FOR SMALL PRODUCERS** THAT WANT AN EFFICIENT AND AFFORDABLE WOOD **EVAPORATOR TO TURN SAP INTO MAPLE SYRUP!**

HOBBY PRO EVAPORATOR



SCAN TO SEE THE VIDEO bit.ly/cdlvideos



Configurable to your needs

- > Evaporator base (16" x 32") 670090200 \$455.00
- > Flat bottom pan 670090215 \$240.00
- > 3 way pan 670090214 \$275.00

Requires bricking kit (not included) 670090217 \$69.95

Includes:

- > Angle iron grates
- Ceramic wool
- 6' of 6" smoke stack and 1 elbow 6" x 90°
- High temperature spray paint
- > Spiral handle

Optional:

- > 670090218 : Reheat pan 67WPC032 : Pan cover
- > 670090213 : 2 wheel kit
- > 670090216 : Water level
- > 670090217 : 20 brick kit 1-1/4" x 4-1/2" x 9"
- EITC0306 : Thermometer

CDL EVAP-O-GRILL

BECOME A GRILL MASTER!

BOTH AN EVAPORATOR AND A BBQ!



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

670090 1 015,00 \$

Included:

- 2' x 3' stainless steel pan
- > 3/4" stainless steel draw-off ball valve
- > Cast iron grate set

Optional:

- > 6" stack damper
- Reheat pan







670096 180,00\$





SMOKER FOR EVAP-O-GRILL

Install the Evap-O-Grill grates to cold or hot smoke! Smoke control inside using an adjustable outlet.

Easy assembly.

67009010 345,00 \$



Included:

- > All pre-drilled and bent pieces for the assembly
- Handle and thermometer
- Stainless cooking plate
- Draft control plate (to add to your chimney)
- High temperature spray paint













BOILING REQUIRES HARD WORK AND ENERGY, OUR EVAPORATORS NEED LESS OF IT!

Working with CDL quality equipment at this crucial step of maple sugaring brings many advantages!

CDL CLASSIC EVAPORATOR ONE PAN MODEL

IDEAL FOR 50 TO 100 TAPS

69FBEATK1 \$1 295.00

INCLUDES:

- →2' x 4' evaporator arch
- →2' x 4' boiling pan
- →3/4" draw-off ball valve
- →8' of 7" galvanized stack

Not included: cement, bricks and dial thermometer

- → Can be used outdoors
- → Evaporation of 10 GPH (can make 1 gal. of syrup every 4 hours)

CHOOSE CDL QUALITY FOR BOILING YOUR MAPLE SYRUP!

- → Overall dimension 26" x 65" x 31" high
- → Weight: 257 lb without bricks; 778 lb with bricks;

HOBBY EVAPORATORS



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

SYRUP DRAW-OFF NOW FULLY REVERSIBLE!

18" X 48" INCLUDES:

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

el draw-off valve 18"

AVAILABLE OPTION:

 \rightarrow Pre-heating pan 67112WPARE

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

6700102WD

18" X 48"

50 to 125 taps

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

6700102WP

- 18" X 60" INCLUDES:
- \rightarrow 18" x 42" flue pan \rightarrow 18" x 18" syrup pan
- → Float box with rear control level.
- ightarrow Complete smoke stack.

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

67001

Prices are available upon request. Product appearance may vary.

150 to 450 taps

steel smokestack

6700502

PROFESSIONAL EVAPORATORS

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

24" X 72"

6700302

150 to 450 taps

Its performance in relation to its size will surprise you.

20" X 84"

6700103

150 to 450 taps



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' syrup	Two 24" x 18"
syrup pan	pan	syrup pan
Rear float box	Front and rear float box	Front and rear float box
9" x 8' stainless	9" x 8' stainless	

Argon welded reversible finishing pan

steel smokestack

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

Prices are available upon request. Product appearance may vary.

THE TRADITIONAL EVAPORATORS **AVAILABLE IN SIZES: 2-1/2' X 8' TO 5' X 16'**

steel smokestack

The Traditional CDL evaporator is designed for owners of medium and large sugarbushes wishing to keep the tradition alive of boiling the syrup with firewood while being effective and efficient. This evaporator will provide an incomparable boiling stability. Its robust construction will allow many generations to experience the pleasure of boiling maple syrup.



INCLUDES:

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







system allowing the intake of primary air at high pressure by suction. By simply and safely increasing the evaporation performance of the evaporator, the Venturi Performance system developed by CDL.

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

- High evaporation performance at an affordable price
- Longer lifetime
- Uniform boiling in the front, warmer in the back
- No need to preheat smokestack

- Full boiling performance after 10 minutes
- Perfect functioning even in low pressure (bad winds)
- Fully reversible
- Fewer bricks needed

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

DESIGN



100% REVERSIBLE EVAPORATOR!

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

IMPROVED OPERABILITY AND RELIABILITY

MODIFY
THE AIR %
TO YOUR •PREFERENCE
USING
SHUTTERS



The CDL energy efficient
Intens-O-Fire 2 wood evaporator
is the only one on the market that
allows the user to choose manually
between two different types of firewood combustion:
air forced combustion or combustion by gasification.



	MAIN FEATURES	
FUEL	WOOD (soft or hard)	
SIZES	Available sizes : 2½′ x 8′ to 6′ x 18′	
CONSUMPTION	Wood consumption 40% less than a conventional evaporator	
IDEAL FOR	Balance between performance and boiling stability	
Meets the environmental requirements of greenhouse gas emissions	■ Winner of water gallons evaporated ■ Syrup pan per hour - Maplerama 2011	
■ Load overy 20 to 40 minutes depending	■ Water level	

- Load every 20 to 40 minutes depending on combustion type
- Front and rear air distribution control for the combustion chamber and grates
- Flow inverter (optional)

Modulation for combustion air (optional)

Interchangeable and reversable sap inlet and outlet



adjustment system that allows a highly efficient, non-polluting combustion, even if the operator burns poor quality firewood with variable humidity.

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

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

88

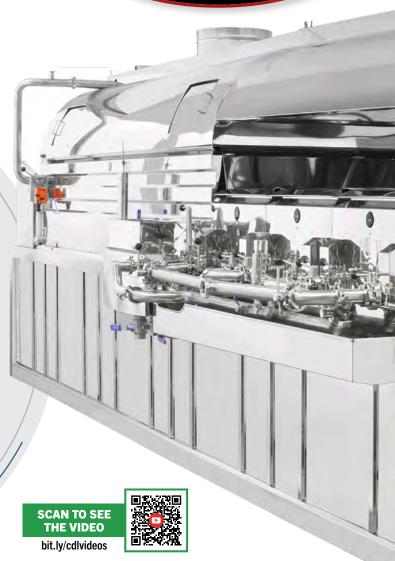




THE MASTER OF EVAPORATORS!

FOR THE FOLLOWING REASONS:

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



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

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

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

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



RIELLO BURNER

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

Distributes the flame efficiently and more environmentally friendly.



THE MOST ECONOMICAL ON THE MARKET!

INCLUDED OR AVAILABLE OPTIONS

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



PROPANE AND NATURAL GAZ PROPANE AND NATURAL GAZ **FUEL** (Burner option: Powerflame or Riello) SIZES 3' x 11' à 7' x 18'

PROPANE:

CONSUMPTION

0,26 gallons per gallon of syrup NATURAL GAZ:

28,6 cubic feet per gallon of syrup

Interchangeable and reversable sap inlet and outlet

MASTER 30+ RO **COMBO ADVANTAGES**

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





UNIQUE TECHNOLOGY IN THE MAPLE SUGARING INDUSTRY.







HIGH PRESSURE STEAM EVAPORATOR

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.

INCLUDED:

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

OPTIONS:

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









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;
- \rightarrow No risk of burning the pans.

Useful features of steam generator system:

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

	MAIN FEATURES
COMBUSTIBLE	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



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

The R7 high pressure steam evaporator also provides many advantages related to the use of steam and its design. Ex: No pan change needed or risk of burning the pans, automated washing, quick-start in 5 minutes.

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 PAN OPTION FOR EVAPORATORS

Option available with:













STEAM PERFORMANCE AND EFFICIENCY PAN **GREATLY IMPROVED!** INNOVATION

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

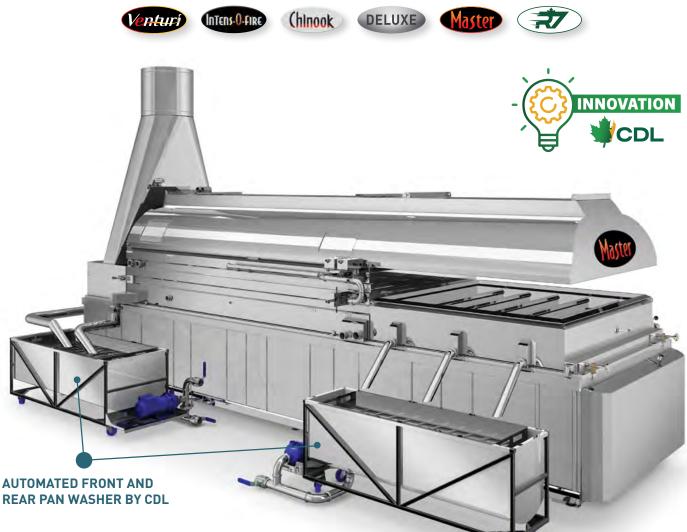
Sizes available: 2' x 4' to 7' x 12'

ADVANTAGES

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

EVAPORATOR PAN WASHER OPTION:

Option available with:





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

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



SYRUP PAN WASHERS



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



Double 2-1/2' 672110 Double 3' 672112 Double 3-1/2' 6721125 Double 4' 672114 Double 5' 672116 Double 6' 672118

Triple syrup pan washer available.

Prices are available upon request.

FLUE PAN LIFTER ON WHEELS

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





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.



24-volt power supply.
Requires a circulation pump.







Real-time Brix reading

Available as an option 668421

Homogenize syrup before filling barrels with the real-time Brix reader(included) 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.

ADVANTAGES

- → Controlled temperature;
- → Real-time Brix reading;
- → 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 tank starter control case
 6793001

NSULATED SYRUP CALIBRATION TANK



2021 CATALOG

DRAW-OFF VALVES



Ideal for evaporator with a flow reverser

Modulating draw-off valve multiple control 2" 66783

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

Clips, silicone gasket and spout not included. Price upon request.



ADVANTAGES

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

 Modulating draw-off valve 1-1/2"
 66781
 \$1 050.00

 Modulating draw-off valve 2"
 66775
 \$1 395.00

 Modulating draw-off valve 2-1/2"
 66782
 \$1 525.00

Clips, silicone gasket and spout not included.

LEVEL CONTROLLER (PROTECTION)

Protect-0 66876 \$332.00



MODULATING LEVEL CONTROL

with level

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

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

Front 1-1/2"	668763150	\$1 655.00
Front 2"	668763200	\$1 665.00
Front 2-1/2"	668763250	\$1 680.00
Rear 1-1/2"	668764150	\$1 655.00
Rear 2"	668764200	\$1 655.00
Rear 2-1/2"	668764250	\$1 665.00



Connection piping not included.

1" AUTOMATIC DRAW-OFF VALVE

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

An innovative solution for syrup lovers and small producers.



66786 \$675.00

Silicone gaskets and clips ferrules are available at page 34.

DRAW-OFF VALVE ACCESSORIES



	FLBOMS	
1-1/2"	69BCD150	\$29.50
2"	69BCD112	\$29.95
2-1/2"	69BCD212	\$34.95



NEW

DOUBLE DRAW-OFF FOR EVAPORATOR

2"	660104200	\$107.00
2-1/2"	660104250	\$112.00

OFF CENTERED FERRULES





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

Prices available upon request.



ALUMINUM STRUCTURE	US GAL	IMP. GA	L
Double (2x)	35 GAL	29 GAL	666735
Double (2x)	55 GAL	45 GAL	666755
Double (2x)	75 GAL	62 GAL	666775
			Prices available upon request

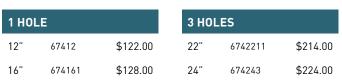
SYRUP FILTER TANKS

US GAL	IMP. GAL	DIAM.		
5,85 GAL	5 GAL	9" (mini)	67MINFIL	\$289.95
7,6 GAL	6,5 GAL	9"	6740006	\$398.00
14,4 GAL	12 GAL	12"	6740026	\$459.00
18 GAL *Includes 1		15-1/4"	NEW 72054015*	\$371.98
24 GAL *Includes 2		21-3/4" 🖐	NEW 72054020*	\$549.98
24 GAL	20 GAL	16"	6740326	\$510.00
30,4 GAL	26 GAL	18"	6740426	\$617.00
45,65 GAL	39 GAL	22"	6740626	\$709.00
53,8 GAL	46 GAL	24"	6740726	\$750.00

Prices include the stainless steel cover and drain valve. All syrup filter tanks are 28" high.

FILTER SUPPORTS





GLASS TUBES FOR WATER LEVEL

5/8" x 8	60PEN58X6PLAGL	\$20.35	
5/8" x 12	672176	\$23.40	
5/8" x 18	60PEN58X18PLAGL	\$27.50	
1-1/2" x 8	675157	\$28.50	
1-1/2" x 18	60GROSNIVEAU18	\$40.75	0

BLUE PLUGS WITH LONG ARM





2021 CATALOG 🖐 cdlusa.com

SUGAR PANS





16" x 16" x 12"	67WP1616	\$280.00	24" x 36" x 12"	67WP2436	\$415.00
16" x 32" x 12"	67WP1632	\$310.00	24" x 48" x 12"	67WP2448	\$435.00
16" x 16" Cover	67WPC016	\$57.25	24" x 72" x 12"	67WP2472	\$505.00
16" x 32" Cover	67WPC032	\$75.50			

WATER JACKETED PANS



Water jacketed pan for sugar pan that can be used for the bottling kit beginning at page 97.

16" x 16" 67316M 16" x 32" MINS32

Prices are available upon request

HIGH TEMPERATURE PRODUCTS

\$ silicone	Silicone 60YYYCSL503	\$15.25	Fiber glass wool rope 60TXP018	\$0.97/ft
	Small brick 2 500°F 11/4" x 41/2" x 9" 66869	\$2.75	Ceramic wool 1" x 4' x 23.65' 8 lb 60BKTI8LB100A	\$4.60/ft ² 100 ft ² /box
	Large brick 3 000°F 2½" x 4½" x 9"	\$4.60	Ceramic wool 1/2" x 4' x 50' 8 lb 60BKT18LB050A	\$3.30/ft ² 200 ft ² /box
SUPER HI-MAL	66868 Brick cement Pyromix, 1 gallon	407.7 5	Thermofab wool 2" x 1/8" 60GW300100	\$1.33/ft 100' roll
The contract of the contract o	66866 Brick cement	\$34.65	Ceramic wool panel 1" x 12" x 36" EBISOL06	\$23.40
	Pyromix, 4 gallons 668664	\$78.50	Ceramic wool panel 1" x 24" x 36" 60BK0019	\$77.50
	Dry cement, 25 kg bag 66875	\$63.25	Ceramic wool panel ½" x 24" x 36" 60BK0012	\$57.75

BOILING ACCESSORIES STAINLESS STEEL



	8" deluxe	678489	\$40.95
Α	10" deluxe	67847109	\$42.95
	12" deluxe	67847129	\$44.95
D	8" standard	6784789	\$27.30
В	10" standard	6784710	\$34.05
С	8" small	67848901	\$28.30



DEFOAMER SUPPORT

	Small	67ANTIMOUP	\$11.50
G	Smatt	077	· · · · · · · · · · · · · · · · · · ·
	Large	67ANTIMOUG	\$14.80
	9 oz	6700009	\$161.20
Н	16 oz	6700016	\$265.00
	10 02	0,00010	Ψ200.00



DIPPERS AND SKIMMERS

	Round 5" Wooden handle	NEW 7205405R	\$70.50
D	Round 6½" Wooden handle	NEW 72054065R	\$71.50
	Round 8" Wooden handle	NEW 7205408R	\$72.50
_	Flat-sided 5" Wooden handle	NEW 7205405P	\$81.50
Ŀ	Flat-sided 8" Wooden handle	NEW 7205408P	\$85.50
	Without holes	6772922007	\$68.50
F	With holes 4"	NEW 7205404	\$72.00



FUNNELS

	Small	66811	\$57.50
- 1	Large	6681102	\$61.50
	1" x 3/8"	FUNMIN	\$9.50
J	5½" x 9/16"	FUNSMA	\$13.75
K	Plastic (set of 3)	FUNPLA	\$4.60



FILLING CONTAINERS AND PADDLES

L	2 L stainless steel with handle	MEACSL	\$39.95
M	4 L with handle (mesuring)	MEACU4	\$36.15
N	42"	674242	\$81.50

cdlusa.com

BOILING ACCESSORIES STAINLESS STEEL



Adjustable	table	sold	separately	

	MOLDS	
250 g (35 par boîte)	72054250	\$51.98
500 g (25 par boîte)	72054500	\$76.98



SUGAR PAN

Rectangle 17" X 23" X 11"	72054172311	\$259.98
Round 10" X 14" X 5"	72054101405R	\$149.98
Round 12" X 17" X 6"	72054121706	\$169.98
Rectangle 12" X 17" X 11"	72054121711	\$241.98

STACKS AND ACCESSORIES



- A Chinese hats
 Available in diameters from 6" to 32" and optional spark quard
- 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
- Base stacks
 Available for 2' to 6' width evaporators



Ingredients

- > About 1/3 cup maple syrup (preferably dark syrup for its robust flavour)
- > 3 tbsp water
- > Gelatin sheets (amounting to 14 g)
- > If desired, fine maple sugar for garnish

HOMEMADE MAPLE GUMMIES

Method

- 1. Combine the liquids in a saucepan, bring to the boil, and remove from heat.
- 2. Soften gelatin in cold water, then stir into the maple syrup mixture.
- 3. Pour into very small (approx. 1 x 2 cm) silicon moulds, in teddy-bear or other shapes.
- 4. Refrigerate 2 hours and pop out of moulds
- 5. Sprinkle with fine maple sugar, if desired.

Keeps for: 3 or 4 days in the fridge

Source : Maple from Quebec

LIQUID DEFOAMER DOSING DEVICE

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

Liquid defoamer dosing device

730400

Price upon request

DEFOAMERS



Kosher | 200 g 66890

Price upon request

Kosher | 2,5 kg 66898

Price upon request





Organic liquid defoamer 1 gallon

EVAM1280G

Price upon request



COLORMETERS



Portable electronic French/English \$425.00 662379



\$0.46 662378

Sample bottle only (1,75")



Sample bottle (3,75") + cap \$0.67



Sample bottle (3,75") \$0.56 668887

Cap only 668889

\$0.12



Maple syrup digital grader



\$83.15 662397



10 ml round test tube with plastic insert for HI759 \$1.70 662398



Liquid | 8 oz. \$6.95 EVAN108W

Liquid | 32 oz. \$23.95 EVAM032W

Liquid | 4 L

\$74.95 EVAM128W

REFRACTOMETERS



SAP AND SYRUP

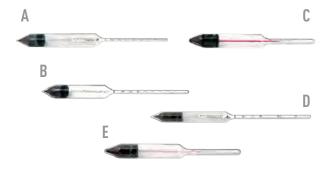
EIRE0032C 0-32 Brix \$99.00

45-82 Brix EIRS4582C \$99.00 Syrup

DIGITAL

0-85 Brix 668412 \$608.00

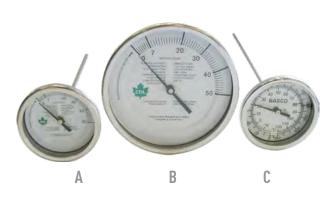
HYDROMETERS SAP AND SYRUP



A Sap	0-6 Brix	EIDE2010	\$27.95
B Sap	0-15 Brix	668433	\$19.95
C Sap	10-25 Brix	66849	\$21.65
Syrup	45-75 Brix (Vermont state approved)	EIDS4575	\$21.50
D Syrup	55-70 Brix	66845	\$16.95
E Syrup	Hydrotherm	66841	\$30.95

Limited warranty and non-returnable items.

DIAL THERMOMETERS



٨	3" Dial 9" stem 0-50 °F 1/4" MIPT	72920003	\$47.95
Α	3" Dial 12" stem 0-50 °F 1/4" MIPT	72920004	\$55.95
D	5" Dial 9" stem 0-50 °F 1/4" MIPT	72920001	\$55.95
В	5" Dial 12" stem 0-50 °F 1/4" MIPT	72920002	\$63.95
	3" Dial 12" stem 0-250 °F ½" MIPT	668350	\$69.75
	3" Dial 6" stem 0-50 °F 1/4" MIPT	EITC0306	\$46.95
	3" Dial 9" stem 50-300 °F ½" MIPT	EITC0309	\$46.75
	3" Dial 6" stem 0-250 °F 1/4" MIPT	EITC0336	\$38.95
C	Cadran 3" Tige 6" 0-250 °F 1/2" MIPT	NEW EITC033612	\$38.95
	3" Dial 9" stem 0-250 °F 1/4" MIPT	EITC0330	\$47.95
	3" Dial 6" stem 200-1000 °F ½" For evaporator smoke stack	668210	\$61.20

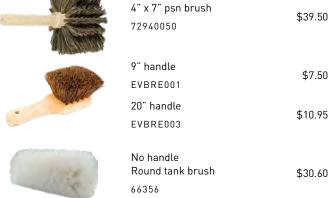
OTHER THERMOMETERS



cdlusa.com

BRUSHES FOR PANS AND TANKS





PAN CLEANERS







В

Α	Sani-clean 4 L	66284
A	Sani-clean 20 L	66288
	Acericlean detergent 3.78L	663150378
D	Acericlean detergent 20L	66315020
C	99% Glacial acetic acid 20 L	667474







PAN ACID FOR STAINLESS STEEL

D	3 lb (powder)	EVNSS300
	10 lb (powder)	EVNSS010
	25 lb (powder)	EVNSS250
Ε	1 gallon (liquid)	EVPAN40W
	5 gallons (liquid)	EVPAN5GW

TUBING AND SPOUT SANITIZERS





Pure denatured | 4 L

Chlorine 12% | 20 L 666000

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 \$30.60 X-Large 669282XL XX-Large 669282XXL

Sold in pairs.







CUSTOMIZE YOUR FILTER PRESS

WITH OUR MANY OPTIONS!

MADE ENTIRELY IN CANADA AND THE UNITED STATES

LIGHT AND COMPACT CONSTRUCTION

EASY TO MOVE





ADVANTAGES (7" and 10" presses)

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

	7" presses	10" presses
Short filter press + manual diaphragm. pump 3 hollow / 2 waffles	WFCDL7M	-
3 hollow / 2 waffles	WFCDL732	WFCDL1032
4 hollow / 3 waffles	WFCDL743	WFCDL1043
7 hollow / 6 waffles	WFCDL776	WFCDL1076
8 hollow / 7 waffles	WFCDL787	WFCDL1087
Available options: Air dia. pump kit 1/2"	WFCDL7ADP12	WFCDL10ADP12
Dia. pump kit 120v 1/2" 5.3 GPM	WFCDL7EDP1253	WFCDL10EDP1253
Filter press cart	WFCDL7CH	WFCDL10CH
Air distributor option	WFCDL710AIRM	WFCDL710AIRM
Air inlet kit The air supply must be filtered using the 66345657K air filter kit.	WFCDL7AIRI	WFCDL10AIRI
Air outlet kit		
The air supply must be filtered using the 66345657K air filter kit.	WFCDL7AIR0	WFCDL10AIR0

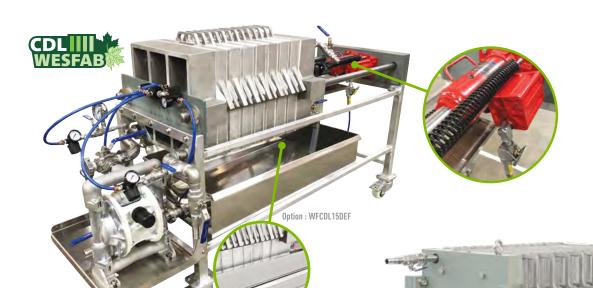
Prices are available upon request.

FILTER PRESSES

20" filter press 3 holes

Filtration capacity: 10 to 50 barrels

105



ADVANTAGES (15" presses)

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

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

Caution

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



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

	20" presses
(9 hollow plates max.) 7 hollow plates, 6 full plates	666217
Available options:	
Air dia. pump kit 1"	730020
	Prices are available upon request.

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



CDL VACUUM FILTER PRESS

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

Includes: 1 filter and 12 prefilters

9"	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"	19 US GAL.	1 800 to 3 600 taps	FAU18PV018

Does not come with a thermometer

5-micron
vacuum filter
press polyester
filter



9"	FAU18036
12"	FAU18038
15"	FAU18017
18"	FAU18018
21"	668171
24"	668172

Vacuum filter press polyester prefilter (12/pkg)



9"	FAU18035
12"	FAU18037
15"	668167
18"	668168
21"	668169
24"	668170







106

ELECTRIC DIAPHRAGM PUMP KIT

Quick and easy installation.

For filter press pumping or hot syrup transfer.

Motor 115V 5.3 GPM | 60 PSI

Electric diaphragm pump with support

FILTER PRESS PUMPS

1/2" Diaphragm pump (aluminum)

669585

1" Diaphragm pump (aluminum)

669601

SELF-CLEANING FILTER PRESSES



Caution

Requires the use of an air compressor and a good supply of water or permeate.

ADVANTAGES

669653A

- ightarrow Technology that revolutionizes the cleaning operation of syrup press plates;
- \rightarrow De-sugaring and washing the plates without any syrup loss;
- → Ultra fast and very efficient washing without removing the plates;
- \rightarrow Takes only **5 minutes** to wash the plates and repeat the filtration process;
- → Reduces the cost of using filter papers by **90%**.

INCLUDES:

- \rightarrow Support
- → Drain Manifold with valves
- → Pressure Gauges
- → Coalescent and steam filter for compressed air

NOT INCLUDED:

- → Pump option
- → Feed and drainage (washing water) plumbing

Self-cleaning 10" press 7 hollow plates, 6 full plates

6660010A

Prices are available upon request.

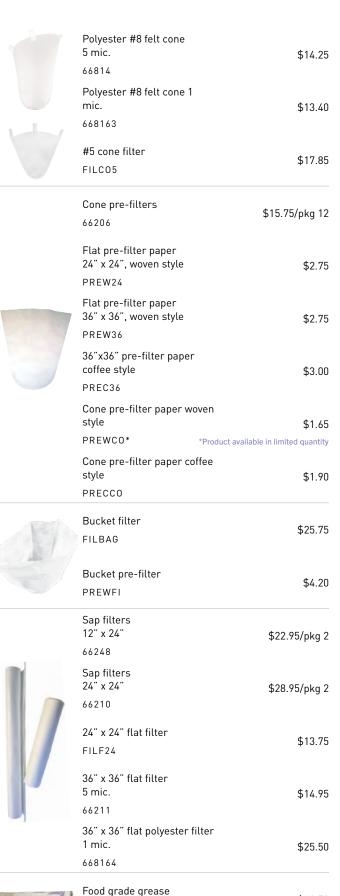
SELF-CLEANING PRESS FELT FILTERS



Self-cleaning press felt filters 66852

ACCESSORIES

	5¼" filter papers 66817	\$30.50/pkg 200	
	7" filter papers pkg 400 66828	Price upon request	
	10" filter papers pkg 400 66829	Price upon request	
	15" filter paper for CDLWESFAB filter presses WFCDL668015	Price upon request	
	15" filter paper pkg 250 668015	Price upon request	
2	20" filter paper pkg 250 2 holes 668221	\$1.00/unit	1
	10" filter papers with wings 66801	\$98.95/pkg 400	
	20" filter paper 3 holes with wings pkg 250 668224	Price upon request	
	7" press felt filters 66827	\$27.50/pkg 12	
	10" press felt filters 66830	\$30.35/pkg 12	
	15" press felt filters for CDLWESFAB filter presses WFCDL668015F	Price upon request	
	20" press felt filters 2 holes 66820	\$88.75/pkg 7	
	20" press felt filter 2 double holes 668206	\$20.25/unit	
	20" press felt filters 3 double holes 66850	\$117.85/pkg 7	
	545 Celite filter aid 10 lb 66825	\$17.30	
	545 Celite filter aid 50 lb 66826	Price upon request	
	Dicalite filter aid 50 lb	Price upon request	6



\$11.50



66838

LUBEX-FG

STAINLESS STEEL BARRELS



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

66819R

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

66810

Capacity: 55 US GAL. Empty weight (Tare): 59 lb

2 plastic caps (2" and 3/4" off-center)

668161

Prices are available upon request.



Customization available. Check it out!

Personalized aluminum plate to identify your barrels. Dimensions: $4" \times 2-1/4"$

66842

Models may differ from those shown.

ADVANTAGES

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

PUMP AND BARREL TRANSFER



Pneumatic stainless steel barrel pump

DRUPUM

\$210.00

ADVANTAGES

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



1" Teflon barrel transfer

6150P1

\$204.20

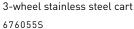
B 5/8" Teflon barrel transfer

6150P58

\$204.20

HANDLING ACCESSORIES FOR BARRELS







Stainless steel lever 671092

\$80.00



Barrel lifter with pulley and cord 665045

\$382.95



Barrel trolley DRUROC*

\$205.00

* Product available in limited quantity

BARREL CAPS AND ACCESSORIES



2" stainless steel cap BUNGSS

\$17.30

\$629.00



Stainless steel barrel sampler 67ECHBA

\$50.95



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

\$1.50



Stainless steel health barrel key 662285

\$21.95



2" plastic cap for barrels (Large thread / hole 3/4 "NPT in center) BUNG06

\$1.80

\$19.95



Barrel wrench BARWRE

\$71.50



32-gallon plastic bag 663332B



Barrel wrench 662282

\$59.50

MAPLE CREAM MACHINES



Single: Capacity of 17 lb.

MAPLE SUGAR MACHINES

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

8" automatic
maple sugar machine

8" double automatic
maple sugar machine

668856A

ADVANTAGES

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

CANDY MACHINES



A	Candy machine (motor included)	ECB0100A	\$2 135.00
В	Auger and pan	ECBMW301	\$413.00
С	Extra pan	ECBMP101	\$449.00
	Motor 1/4 HP	660002	Price upon request

WATER JACKETED TANKS



Electric water jacketed tank 43 US GAL. 67422

Bottling stand with pedal 43 US GAL. 67220-S



Electric water jacketed tank 15 US GAL. 67422-M

Bottling stand with lever 15 US GAL. 67220-MS



3/8" bottling valve 67215

5/8" bottling valve 67216

Prices are available upon request

OTHER



Propane burner R-65 66803

\$85.50

DRAW-OFF ELBOWS

MIPT	TUBE		
1/2"	3/4"	SDE050	\$23.05
3/4"	1"	SDE075	\$27.80
1"	1"	6788991D2	\$31.35
1-1/4"	1-1/2"	SDE125	\$35.10
1-1/2"	2"	SDE150	\$42.75





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

\$535.00

BEGINNER BOTTLING KIT



Bottling valve 3/8", 90° ECDVP804

Bottling valve 1/2", 90° ECDVP805



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

6788991B2





Beginner bottling kit

6600802

\$1 000.00

INCLUDES:

- 116" x 16" sugar pan cover
- 116" x 16" sugar pan
- 116" x 16" filter holder
- 1 R-65 propane burner
- 1 1/2" FIPT stainless steel ball valve
- 116" x 16" water jacketed tank
- 1 propane burner support
- 13/4" stainless steel nipple
- 1 1/2" stainless steel nipple
- 13/4" FIPT stainless steel ball valve



CANS - ENGLISH LITHOGRAPH



65 / case 1/2 pint **CAN008** 35 / case **Pint CAN016** 24 / case Quart **CAN032**





CDL jugs collection

Durable and compact, the CDL jugs were designed for the reality of today's maple syrup producers. Discover this new collection, which features a modern, vibrant and exclusive look while respecting the classic side of this great tradition.



Customize your labels!

Ask your CDL sales representative

SCAN TO SEE THE VIDEO

bit.ly/cdlvideos

RODUCT CODE	QTY,
-KODOCI CODE	BOX

	PRODUCT CODE	BOX
3.4 oz	EXCD0101♥	100
½ pint	EXCD0261♥	100
1 pint	EXCD0501♥	100
1 quart	EXCD1001♥	100
½ gallon	EXCD2001♥	50
1 nallon	EXCD/N01	2/

For specific states, replace the * by:

Tor specific states, replace the + by.						
U	for	All States	MI	for	Michigan	
٧	for	Vermont	Р	for	Pennsylvania	
Ν	for	New York	IN	for	Indiana	
NH	for	New Hampshire	WV	for	West Virginia	
ME	for	Maine	MA	for	Massachusetts	
WI	for	Wisconsin	ΩН	for	Ohio	





BROWN PLASTIC CAPS FOR CDL JUGS COLLECTION

100 ml caps for jugs	661386
250 ml to 4 L caps for jugs	361000
250 ml to 4 L caps for jugs (new threads)	6628400



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
1.36 oz	EXCR0041♥	100
3.4 oz	EXCR0101♥	100
½ pint	EXCR0261♥	100
1 pint	EXCR0501♥	100
1 quart	EXCR1001♥	100
½ gallon	EXCR2001♥	50
1 gallon	EXCR4001 *	24



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

For specific states, replace the * by:

U	for	All States	MI	for	Michigan
٧	for	Vermont	Р	for	Pennsylvania
Ν	for	New York	IN	for	Indiana
NΗ	for	New Hampshire	WV	for	West Virginia
ME	for	Maine	MA	for	Massachusetts
۱/۸/	for	Wisconsin	ΩН	for	Ohio

EXTRA JUG CAPS



BROWN PLASTIC CAPS FOR JUGS

100 ml cap for jugs	6628401
250 ml to 4 L cap for jugs	6628400





MODERN AND MAPLE LEAF

CAPS NOT INCLUDED





MAPLE LEAF

CAP500 (BROWN) 661388 (GOLD)

SIZE PRODUCT CODE QTY/BOX CAP CODE 50 ml EXBV0050M 50 661378 (GOLD) 100 ml EXBV0100M 36 661374 (GOLD) 250 ml EXBV0250M 12 661374 (GOLD) 500 ml EXBV0500M* 12

EXBV0750AU

6

GALLONE

CAPS NOT INCLUDED





	SIZE	PRODUCT CODE	QTY/B0X	CAP CODE
Α	40 ml	EXBVRH50	48	661378 (GOLD)
	250 ml	EXBVRH250	12	661377 (BLACK) 661390 (BROWN)
	500 ml	EXBVRH500	12	661377 (BLACK) 661390 (BROWN)
	1 L	EXBVRH1000	6	661377 (BLACK)
	½ gal.	EXBVRH2000	6	661391 (BROWN) 661381 (WHITE) 72838400N (BLACK)
	1 gal.	EXBVRH4000	4	661391 (BROWN) 661381 (WHITE) 72838400N (BLACK)
В	250 ml	EXBV0250GL	20	661376 (WHITE) CAP500 (BROWN)
	500 ml	EXBVRH500M	12	661388 (GOLD) CAP500 (BROWN)

FLAT

750 ml

CAPS NOT INCLUDED





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

GINGER BREAD AND FLASK

CAPS NOT INCLUDED





GINGER BREAD **FLASK** PRODUCT CODE QTY/BOX CAP CODE

SIZ	E	PRODUCT CODE	QTY/BOX	CAP CODE
A 25	0 ml	EXBV0250PEEV*	12	661374 (GOLD)
B 20	0 ml	BOTHF2	12	661384 [BROWN] CAP500 [BROWN] 661376 [WHITE] 661379 [BLACK]

^{*} Product available in limited quantity.

^{661388 (}GOLD) 50 ml EXBV0050AU 48 661378 (GOLD) 661374 (GOLD) 100 ml EXBV0100AU 12 CAPK25 (BROWN) 661374 (GOLD) 250 ml EXBV0250AU 12 CAPK25 (BROWN) 661388 (GOLD) 500 ml EXBV0500AU 12

CAP500 (BROWN) * Product available in limited quantity.

BASQUE

CAPS NOT INCLUDED



12

SIZE	PRODUCT	CODE

QTY/BOX CAP CODE

250 ml EXBV0250B 661376 (WHITE) 661384 (BROWN)

500 ml EXBV0500B 12 661377 (BLACK)

BASQUE SNOWMAN

CAPS NOT INCLUDED



PRODUCT CODE

QTY/BOX

CAP CODE

250 ml

EXBV0250BSM

12

661376 (WHITE) 661384 (BROWN)

BASQUE 4 SUGARING SCENES

CAPS NOT INCLUDED









QTY/BOX

12

250 ml EXBV0250BI CAP CODE

661376 (WHITE) 661384 (BROWN)

BASQUE 4 CHRISTMAS SCENES

CAPS NOT INCLUDED









SIZE

250 ml

PRODUCT CODE EXBV0250BC QTY/BOX

12

CAP CODE

661376 (WHITE) 661384 (BROWN)

BASQUE ANIMALS

PRODUCT CODE

CAPS NOT INCLUDED



ORIGNAL

A



LOUP

B





CHEVREUIL

C



D

GEAI BLEU

	_		_
SIZE	PRODUCT CODE	QTY/B0X	CAP CODE
A 250 ml	EXBV0250BPM00SE *	12	661376 (WHITE) 661384 (BROWN)
B 250 ml	EXBV0250BPW0LF*	12	661376 (WHITE) 661384 (BROWN)
C 250 ml	EXBV0250BPDEER	12	661376 (WHITE) 661384 (BROWN)
D 250 ml	EXBV0250BPJAY*	12	661376 (WHITE)

* Product available in limited quantity.

POLO AND BARREL

CAPS NOT INCLUDED



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







DECANTER

CAPS NOT INCLUDED



SIZE	PRODUCT CODE	QTY/B0X	CAP CODE
16 oz	EXBV016	12	661381 (WHITE) 72838400N (BLACK)
32 oz	EXBV032	12	661381 (WHITE) 72838400N (BLACK)

GRAND LINE AND SAUCE

CAPS NOT INCLUDED







SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
A 1L	EXBV1000G	12	661376 (WHITE) 661386 (BROWN) 661384 (BROWN)
B 250 ml	BOTSH2*	12	728445 (METAL)
C 350 ml	EXBV0350S2	12	72838400N (METAL) 661381 (WHITE) 661391 (BROWN) 661396 (BLACK)

^{*} Product available in limited quantity.

CAPS

WHITE PLASTIC CAPS



24 x 400 mm 661387* 28 x 400 mm 661376 38 x 400 mm 661381

BROWN PLASTIC CAPS



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

BLACK PLASTIC CAPS



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





GOLD PLASTIC CAPS / TAMPER EVIDENT

661378

661374

661388





METAL LIDS

38 mm	728438
43 mm	728445



PLASTIC CAPS / TAMPER EVIDENT

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

^{*} Product available in limited quantity.

WHISKY CAPS NOT INCLUDED



	1	
		_
		_
		_
		_
		_
		_

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

HEAT SHRINK AND GOLD CAPS FOR GLASS BOTTLES



HEAT SHRINK CAPS

28 mm,
100/box

EXCAP028G*

\$14.85



30,5 x 42 mm, 100/box	
34 x 52 mm,	

100/box

EXCAP210

EXCAP310

GOLD CAPS

\$8.95

\$11.95

^{*} Product available in limited quantity.



SHORT ROUND JARS

LIDS NOT INCLUDED



SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
30 ml	B0TM30*	160	728445
40 ml	EXPO40	24	728445
55 ml	B0TM02*	96	72843000
125 ml	EXP0125	12	72843000
250 ml	EXP0250	12	728470
375 ml	BOTS37	12	728470
750 ml	BOTS75	12	CAPG82

^{*} Product available in limited quantity.

EMBOSSED HONEY JAR LIDS NOT INCLUDED

HEXAGONAL AND





	SIZE	PRODUCT CODE	QTY/BOX	CAP CODE
	45 ml	EXP0H045-24	24	728445
A	110 ml	EXP0H110-12	12	72843000
A	190 ml	EXPOH190-12	12	788490
	270 ml	EXP0H270-12	12	788470
В	380 ml (500 g honey)	B0T380	12	CAPHC7, CAPWF7, CAPPC7, 728470
	780 ml (1 kg honey)	B0T780	12	CAPHC8, CAPWF8, CAPPC8, 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

SAMPLE JARS



30 ml jars EICOL016 Cap only EXBSCAP16

METAL LIDS



^{*} Product available in limited quantity.



A

B

A	В		C
SIZE		PRODUCT CODE	
70 mm		CAPHC7	
82 mm		CAPHC8	
70 mm		CAPWF7	
82 mm		CAPWF8	
70 mm		CAPPC7	
82 mm		CAPPC8	

119



PLASTIC BOTTLES CAPS INCLUDED D Caps included

	SIZE	QTY/BOX	PRODUCT CODE	PER UNIT
		OXYGEN BARF	RIER BOTTLE	
Α	375 ml	200	660375	\$0.85
В	500 ml	150	661500	\$0.90
C	1 L	90	661000	\$1.28
D	2 L	6	660020	\$2.55
Ε	4 L	40	660400	\$4.08
		FREEZE	R JUG	
F	4 L	1	EXSH4P	\$1.83
		PLASTI	C JUG	
G	10 L	1	JUG210	\$6.25
		FIVE GALLON BL	LUE CONTAINER	
Н	18.9 L	1	EXBPL005	\$14.25

PLASTIC CONTAINERS





PRICE

With security seal

250 g Lock container, 60256 Maple taffy 500/box

250 g Lock container, Maple cream 60255 500/box

Maple cream tub CDL Collection 250 g 61250001 500/box

Maple cream tub CDL Collection 500 g 61500001 500/box

250 g organic container 61250001B 500/box



EXTRA CAPS FOR OXYGEN BARRIER BOTTLES AND FREEZER JUG



CARDBOARD BOXES

DESCRIPTION	SIZE	PRODUCT CODE	PRICE PER UNIT
With handle	8 x 375 ml	668375	\$0.71
With handle	8 x 500 ml	664350	\$1.10
Without handle	12 x 375 ml	612375	\$0.93



Prices are available upon request



D





Beige plastic container for maple cream 250 g 100/box	TUBB25*	\$1.85/ea	
Beige plastic container for maple cream	TUBB50*	\$2.10/ea	

	500 g 100/box	TUBB50*	\$2.10/ea
E	Clear plastic container (Lid not included) 100g P325 250/pkg	6603905 *	\$13.95
	Clear plastic lid for P325 125/pkg	6603906*	\$5.50
F	4 oz. granulated sugar container	EXPLSUG4	\$0.79
	8 oz. granulated sugar container	EXPLSUG8	\$0.99

* Product available in limited quantity.

2021 CATALOG

WOODEN STICKS





A	Medium wooden sticks pkg 12	668911	\$14.95
	18" wooden sticks	66891	\$14.50
В	6" taffy sticks pkg 500	72925050	\$11.15

CANDY BOXES



12 cavities, 4-1/2" x 6" \$0.58 60115

25 cavities, 4-1/2" x 9"	\$0.66
60128	Ф0.00



One bite candy box \$0.60 60101



1" brown paper cups pkg 1 000 \$6.75 EXBB0251

6 cavity box,	
3-1/2" x 4-5/8"	\$0.95
60127	



15 cavity box, 7" x 4" x 1" \$0.95 60131

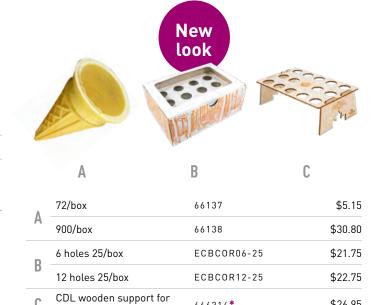


Two bite candy box \$0.45 60102



1-3/4" white paper cups pkg 1 000 \$9.25 EXBB0101

CONES, BOXES AND SUPPORTS



666314*

* Product available in limited quantity.

\$26.95

GLUCOSE AND POWDER GENUGEL



cones | 14 holes

2,25 kg For the hardness of sweets and lollipops \$12.95 6680801

25 kg For the hardness of sweets and lollipops \$84.95 66808



200 g For the hardness of sweets and lollipops \$20.40 72926170

HANG TAGS AND ELASTICS







	Α	В	C	
	DESCRIPTION	PRODUCT CODE	QTY/PKG	PRICE/PKG
A	Hang tag	HANTAG	100	\$27.65
В	Hang tag	NECBRO	100	\$13.60
C	Golden elastic	EXECMEL6G	100	\$6.50

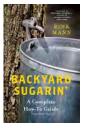
cdlusa.com

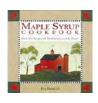
SYRUP GRADING SELF-ADHESIVE LABELS

QUALITY	DESCRIPTION	PRODUCT CODE	QTY/PKG PF	RICE/PKG
PRODUCT	Vermont Quality	EXECVT01	1000	\$7.00
JERMON.	Vermont Golden	EXLAVTG	1000	\$8.85
GRADE A GOLDEN COLOR	Vermont Amber	EXLAVTA	1000	\$8.85
DELICATE S	Vermont Dark	EXLAVTD	1000	\$8.85
WE SAL	Vermont Very dark	EXLAVTV	1000	\$8.85
EN YOU	New York Golden	EXLANYG	1000	\$8.85
GRADE A AMBER COLOR	New York Amber	EXLANYA	1000	\$8.85
RICH TASTE OF	New York Dark	EXLANYD	1000	\$8.85
TEST	New York Very Dark	EXLANYVD	1000	\$8.85
MAINE	Maine Golden	EXLAMEG	1000	\$8.85
GRADE A DARK COLOR	Maine Amber	EXLAMEA	1000	\$8.85
TASTE SYRS	Maine Dark	EXLAMED	1000	\$8.85
	Maine Very Dark	EXLAMEV	1000	\$8.85
AMA	NH Golden	EXLANHG	1000	\$8.85
GRADE A VERY DARK III	NH Amber	EXLANHA	1000	\$8.85
STRONG TASTE	NH Dark	EXLANHD	1000	\$8.85
ZEST	NH Very Dark	EXLANHVD	1000	\$8.85
STED STAL	US Golden	EXLAUSG	1000	\$8.85
S GRADEA VO	US Amber	EXLAUSA	1000	\$8.85
TASTE S	US Dark	EXLAUSD	1000	\$8.85
32.0	US Very Dark	EXLAUSV	1000	\$8.85

BOOKS













DESCRIPTION

PRODUCT CODE

The Maple Syrup Cookbook - 3rd edition (Offers recipes for breakfasts, appetizers,

ECCB00K3

\$22.95

beverages, pastries and desserts.) Backyard Sugarin' (An excellent guide for people who would like to start producing maple ECBYSMAN4

syrup for pleasure or personal enrichment.)

\$14.15

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

\$22.95

Sugarhouse Coloring Book

ECSUGCOLOR \$1.60

Design, Installation and Maintenance of **Plastic Tubing Systems for Sap Collection** in Sugar Bushes (This manual includes detailed information on the design, installation and maintenance of sap collection systems.)

BOODIM \$19.95

Maple Sugar

ECMAPLE \$14.95



Several other books available Visit cdlusa.com for the complete listing.

SIGNS AND FLAGS



A





C



D





	DESCRIPTION	PRODUCT CODE	
Α	9" x 13" cardboard sign	ECMS0913	\$4.75
В	24" x 36" metal sign	ECMS2436	\$71.95
	10" x 14" plastic sign	ECMP1014	\$20.25
	24" x 36" plastic sign	ECMP2436	\$59.50
C	20" x 30" plastic sign	SIGNGR	\$18.95
D	18" x 24" coroplast sign	SIGNYE	\$18.95
Ε	20" x 30" coroplast sign	SIGNAM	\$18.95
F	Flag	663660	\$39.95

cdlusa.com

PLASTIC MOLDS







Α	
HARD CANDY	

B SUCKER CANDY

r	
U	
HUCUI	ATE

		DESCRIPTION	CAVITY/QTY	PRODUCT CODE	
		Assorted designs	20	ECMS3057	\$4.40
		Christmas trees	20	ECMSH196	\$4.40
		Flowers, fruits, nuts	25	ECMSH479	\$4.40
		Small hearts	18	ECMS0204	\$4.40
	A	Maple leaves	12	ECMS3185	\$4.40
		Rectangles	20	ECMS3029	\$4.40
		Stars	20	ECMSH227	\$4.40
		Strawberries	12	ECMSH150	\$4.40
		Barrels	7	ECMS3205	\$4.40
		Baseballs	6	ECMS3043	\$4.40
		Snowmen	6	ECMSH404	\$4.40
		Hearts	6	ECMSH324	\$4.40
		Elephants	5	ECMS0572	\$4.40
		Maple leaves	6	ECMS3450	\$4.40
		Frogs	5	ECMS3303	\$4.40
	n	Rabbits (female)	5	ECMSH254	\$4.40
	В	Daisies	3	ECMS0866	\$4.40
		Skates	4	ECMS6250	\$4.40
		Apples	6	ECMS3190	\$4.40
		Rounds	3	ECMS0573	\$4.40
		Smiles (big)	4	ECMSH962	\$4.40
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		Santa Claus heads	6	ECMSG214	\$4.40
		Tractors	4	ECMS1219	\$4.40
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		Maple leaves	12	EMCC0121	\$4.85
		Fleurs-de-lis (squares)	12	EMCC079	\$4.85
		Snow flakes	9	EMCC039	\$4.85
	٢	Assorted designs	12	EMCC055	\$4.85
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	DESCRIPTION	CAVITIES	PRODUCT CODE	
	Sugar shacks	14	ECMC1165*	\$25.95
	Stars	20	ECMC1151*	\$25.95
	Maple leaves (20 g)	20	ECMC1243*	\$26.45
	Maple leaves	12	ECMC1138*	\$25.95
	Maple leaves (2 oz)	8	ECMC1137*	\$26.45
	Snow flakes	20	ECMC1477*	\$25.95
	Moose	6	ECMC0006*	\$25.95
	Santa Clauses	10	ECMC1133*	\$25.95
		* Dro	duat available in limi	itad auantitu

* Product available in limited quantity.

SUCKER BAGS AND STICKS

DESCRIPTION	DIMENSIONS	QTY/PKG	PRODUCT CODE	
Cellophane bags	4¾" x 6¾"	100	ECMSC406	\$6.75
Cellophane bags	3" x 4"	100	ECMSC304	\$4.00
Plastic bags	3" x 5"	100	ECMSS305	\$2.25
Plastic bags	4" x 5"	100	ECMSS405	\$2.50
Sticks	3¾"	1000	ECMSB375	\$16.65
Sticks	41/2"	1000	ECMSB450	\$19.95

DISPENSER







C

Α	Tape dispenser	661150	\$19.25
В	9 mm x 165 m tape	661151	\$5.50
C	9 mm x 165 m red tape	661153	\$6.05



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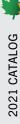
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Royal Cast Aluminum Spouts (each)	¢ ·	1 0 5
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Pan Cleaner (1 gallon)	¢1	0 50
4 11	ЭT	0.50
4 gallons or more (per gallon)	44	0 00
g and in the (per gandil)	ЭT	8.00



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1/2 Gallon \$2.49 ea 32 ner case \$	70 60
Quarts\$1.71 ea 90 per case \$	152 00
Pints\$1.27 ea 100 per case\$	127.00
1/2 Pints \$1.17 ea 100 per case\$	147.00
3.4 oz\$1.10 ea 100 per case\$	117.00
+ ea. 100 per case\$	TT0.00

Sugar Hill Sweet Gold Jugs Wisconsin



or **All State**



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1/2 Pints \$1.17 ea 100 per case \$ 117.00
3.4 oz\$1.10 ea 100 per case\$ 110.00



Glass Containers





0	-
Quartsper dozenSee	Dolor *
Dinte	Delow *
Pintsper dozen See	Relow *
3/4 Pints (with handles) per dozen See	DCIOW
See and the second seed of the second seed of the second seed of the second sec	Below *
1/2 Pints (with handles) per dozen See	D 1
16 a= Dl- 1' D 11	Relow *
16 oz. Plastic Bottles per dozen\$ 9	05
Evtra Cana	.93
Extra Caps each\$	25
) 1 1 G	.23

st Due to the Coronavirus Pandemic, pricing and availability of glass bottles was uncertain when this catalog was printed. Please check pricing on our Website: www.rothsugarbush.com Thank You



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1,000 per roll	\$	11.	0()
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Pure Maple Syrup





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