



CATALOG



MANAGING GROWTH THE RIGHT WAY: NO NEED TO RUSH, START AT THE RIGHT TIME.

“Liquid gold” is cherished for its rich amber glow and the delicate complexity of its flavors.

At Lapierre, it is a true privilege to be a leading player in such a unique industry, one that brings people together. From equipment manufacturers and skilled workers to maple producers and passionate retailers reaching customers across the globe, this is a community driven by pride and purpose. What unites these enthusiasts is a shared belief in the value of this remarkable product, the simple yet powerful ability to delight taste buds, whether for seasoned chefs or anyone who simply loves what is “purely good.”

The maple syrup industry is evolving rapidly. Despite this momentum, Lapierre remains firmly grounded, carefully planning and managing its growth while navigating the many challenges that arise day to day. There’s no need to rush: what matters is starting at the right time. In that regard, the devastating fire that destroyed one of our main research and production facilities in Saint-Ludger, Québec, in March 2026 truly tested our resilience. Thanks to the swift response of our family, employees, and the local community, syrup production resumed just 24 hours later.

2026 | While the strategic maple syrup reserve continues to be managed responsibly over time, its current low levels are raising some concerns. At the same time, five million new taps, two million of which are still available, are being added to the approximately fifty-five million already in operation in Quebec only! The industry has every reason to be energized for the season ahead and we are ready.

We are ready to support new producers eager to experience their first runs, as well as those expanding their existing operations, whether artisanal or commercial. In the midst of this vibrant maple landscape, Lapierre is actively present in the field, backed by attentive distributors and seasoned experts fully dedicated to serving you. Their mission is clear: to help optimize the performance of your sugarbush so you can get the most out of it through sound advice and proven, reliable equipment. We are here for you.

Supporting our customers also means making smart, targeted investments where it truly matters. In recent years, we have made significant strides strengthening our teams with top-tier talent, enhancing our quality control programs, and expanding our production capacity. The results speak for themselves: we are well positioned to meet strong customer demand, absorb the impacts of ongoing and future growth, and operate with consistency and rigor while maintaining the highest standards across all our products and services.

In closing, we wish you a highly profitable 2026 season for your sugarbush.

We look forward to seeing you again very soon!

naturally innovative | Chantal, Anick, Carl et Donald Lapierre

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FLEXClip^{2.0}

new generation

Patent Pending

If the ingenious ease of installation remains the key feature of this second generation, brand-new attributes come to reinforce its stability and sealing properties.

QUICK AND EASY INSTALLATION

Simple and intuitive installation procedure done in no time.

1. Clip
2. Drill
3. Turn
4. Screw

SEE
PAGE 13

MAX15

SEE
PAGE 7

TUBING WITH EXCEPTIONAL PROPERTIES

The brand new 5/16 semi-rigid is made from the best food grade resins to ensure excellent waterproofing, mnemonic elasticity (shape memory) and maximum transparency. The MAX15 is the result of proven expertise as a user and extruder of maple syrup tubing.

The orientation, altitude and topography of your maple sugar bush will certainly have an influence on the performance of your collection system. The choice of a specific colour will also affect freezing and thawing cycles. Whether for a new installation, a new area or tubing replacement, the MAX15 is the choice of maple syrup producers.



OPTIFLO Y130 spouts



OUR NEW LINE OF Optiflo Y130 spouts is available in nylon or polycarbonate and comes in a variety of colors, in both 5/16 and 1/4 inch sizes.

Made from nylon or polycarbonate resin, these spouts are durable for many seasons.

Different colors are available, whether in durable nylon or polycarbonate:

- Blue
- Light blue
- Black
- Yellow
- Green
- Smoke
- Clear

SEE
PAGE 9



GET THE BEST GATHERING SYSTEM AVAILABLE TODAY

Your gathering system is the backbone of your sugaring operation's profitability. We offer several categories of 5/16" and 3/16" tubing. Ask your representative today.

Lapierre Equipment is more than just a distributor. We manufacture our MapleFlex® 5/16" and 3/16" tubing and mainlines in our proprietary extrusion plant, **using only the best raw materials and the best U.V. protection** available. We produce and deliver with the highest quality standards in the business.

MAPLEFLEX® HIGH DENSITY MAINLINE

MapleFlex introduces you to a brand new high density (HD) mainline produced with the same features and production standards. Lighter and more affordable, the MapleFlex HD mainline provides the same vacuum resistance for the same diameter while being thinner.

HDPE food grade, more affordable, UV protection, aerial and underground installation, 10 year warranty.

MAPLEFLEX® HD MAINLINE (125 PSI)			CODE
MapleFlex HD 3/4"	Black	500 feet	TU007-120500H1
MapleFlex HD 3/4"	Black	2500 feet	TU007-122500H1
MapleFlex HD 1"	Black	500 feet	TU007-160500H1
MapleFlex HD 1"	Black	1500 feet	TU007-161500H1
MapleFlex HD 1 1/4"	Black	500 feet	TU007-200500H1
MapleFlex HD 1 1/4"	Black	1000 feet	TU007-201000H1
MapleFlex HD 1 1/2"	Black	500 feet	TU007-240500H1

SEMI-RIGID 3/16" MAPLEFLEX® TUBING (500')			CODE
MapleFlex® ULTRA15	15 years warranty	Light blue	TU386-000000XX
MapleFlex® ULTRA15	15 years warranty	Vision green	TU386-010000XX

Tools and accessories for 3/16" tubing are also available.



LIGHT BLUE VISION GREEN SMOKED DARK BLUE

SEMI-RIGID 5/16" MAPLEFLEX® TUBING (500')			CODE
MapleFlex® ULTRA15	15 years warranty	Light blue	TU086-000000XX
MapleFlex® ULTRA15	15 years warranty	Vision green	TU086-010000XX
MapleFlex® ULTRA15	15 years warranty	Smoked	TU086-040000XX
MapleFlex® MAX15	15 years warranty	Light blue	TU084-000000XX
MapleFlex® MAX15	15 years warranty	Vision green	TU084-010000XX
MapleFlex® MAX15	15 years warranty	Smoked	TU084-040000XX
MapleFlex® MAX15	15 years warranty	Dark blue	TU084-050000XX

Our MAPLEFLEX® mainlines are made to work at the highest vacuum levels. Above 28 in/Hg. high vacuum allows for higher sap yields.

Pre-cut or assembled drop lines

Standard lengths of 30", 36", 40" and 48" with tubing, spout and tee of your choice. For any other lengths, a minimum quantity will be required.



LIGHT BLUE VISION GREEN SMOKED

BLUE MAPLEFLEX® MAINLINE (135 PSI)		CODE
3/4"	500', 2500'	TU002-12****H1
1"	500', 1000', 2000'	TU002-16****H1
1 1/4"	500', 1200'	TU002-20****H1
1 1/2"	500', 1200'	TU002-24****H1
2"	500', 1000'	TU002-32****H1

VISION GREEN MAPLEFLEX® MAINLINE (135 PSI)		CODE
1"	500', 1000', 2000'	TU014-16****H1

SMOKED MAPLEFLEX® MAINLINE (135 PSI)		CODE
1"	500', 1000', 2000'	TU013-16****H1

BLACK MAPLEFLEX® MAINLINE (135 PSI)		CODE
1/2"	100', 400'	TU001-08****H1
3/4"	500', 2500'	TU001-12****H1
1"	500', 1000', 2000'	TU001-16****H1
1 1/4"	500', 1200'	TU001-20****H1
1 1/2"	500', 1200'	TU001-24****H1
2"	200', 500', 1000'	TU001-32****H1

To order mainline by specific length, replace ** by feet number.**

For 200', 400' and 500', add a 0 before the length
ex.: TU007-12****H1 = TU007-120500H1

For 1000', 1200', 2000' and 2500' just replace the *
ex.: TU007-12****H1 = TU007-122500H1

SPOUT

REFLEX

DESIGN ENLARGED HEAD DESIGN MAKES TAPPING EASIER



ELBOW STYLE SPOUT (2 BARBS)

TYPE	TAP DIAMETER	TUBING DIAMETER	MATERIAL	COLOR	WALL	ZMF	CODE
Reusable	1/4"	5/16"	Nylon	Black	Std	✓	TU282-105504N4B
Reusable	1/4"	5/16"	Nylon	Dark blue	Std	✓	TU282-105504N5B
Reusable	1/4"	5/16"	Soft nylon	Black	Std	✓	TU282-105504Y4B
Seasonal	1/4"	5/16"	Soft nylon	Grey	Std	✓	TU282-105504Y8B
Reusable	5/16"	5/16"	Nylon	White	Std	✓	TU282-106505N1B
Reusable	5/16"	5/16"	Soft nylon	White	Std	✓	TU282-106505Y1B
Reusable	5/16"	5/16"	Soft nylon	Black	Std	✓	TU282-106505Y4B
Seasonal	5/16"	5/16"	Soft nylon	Grey	Std	✓	TU282-106505Y8B

ELBOW STYLE SPOUT (1 BARB)

TYPE	TAP DIAMETER	TUBING DIAMETER	MATERIAL	COLOR	WALL	ZMF	CODE
Seasonal	1/4"	3/16"	Polycarbonate	Clear	Thin	✓	TU279-105604J9B
Reusable	1/4"	3/16"	Nylon	Black	Thin	✓	TU279-105604N4B
Reusable	5/16"	3/16"	Nylon	Black	Thin	✓	TU279-106105N4B
Seasonal	5/16"	5/16"	Polycarbonate	Clear	Thin	✓	TU279-106505J9B



Standard seasonal spout



Long seasonal spout

STRAIGHT SPOUT	TAP DIAMETER	TUBING DIAMETER	MATERIAL	COLOR	WALL	ZMF	CODE
Standard seasonal spout with retaining ring	1/4"	5/16"	Polycarbonate	Clear	Std	✓	TU047-108034J9B
Long seasonal spout with retaining ring	1/4"	5/16"	Polycarbonate	Clear	Std	✓	TU047-108044J9B
Standard seasonal spout with retaining ring	5/16"	5/16"	Polycarbonate	Clear	Std	✓	TU047-109035J9B
Long seasonal spout with retaining ring	5/16"	5/16"	Polycarbonate	Clear	Std	✓	TU047-109045J9B

OPTIFLO

Y130 SPOUTS

ZML
ZERO MICRO LEAKS



Retaining hooks



DESCRIPTION	TAP DIAMETER	TUBING DIAMETER	COLOR	WALL	ZMF	POLYCARBONATE	NYLON
Y spout 130°	1/4"	5/16"	Smoked	Thin	✓	TU285-103004J01B	-
Y spout 130°	1/4"	5/16"	Yellow	Thin	✓	TU285-103004J02B	TU285-103004N02B
Y spout 130°	1/4"	5/16"	Blue	Thin	✓	TU285-103004J2B	TU285-103004N5B
Y spout 130°	1/4"	5/16"	Green	Thin	✓	TU285-103004J8B	TU285-103004N6B
Y spout 130°	1/4"	5/16"	Clear	Thin	✓	TU285-103004J9B	-
Y spout 130°	1/4"	5/16"	Black	Thin	✓	-	TU285-103004N4B
Y spout 130°	1/4"	5/16"	Light blue	Thin	✓	-	TU285-103004N7B
Y spout 130°	5/16"	5/16"	Smoked	Thin	✓	TU285-104005J01B	-
Y spout 130°	5/16"	5/16"	Yellow	Thin	✓	TU285-104005J02B	TU285-104005N02B
Y spout 130°	5/16"	5/16"	Blue	Thin	✓	TU285-104005J2B	TU285-104005N5B
Y spout 130°	5/16"	5/16"	Green	Thin	✓	TU285-104005J8B	TU285-104005N6B
Y spout 130°	5/16"	5/16"	Clear	Thin	✓	TU285-104005J9B	-
Y spout 130°	5/16"	5/16"	Black	Thin	✓	-	TU285-104005N4B
Y spout 130°	5/16"	5/16"	Light blue	Thin	✓	-	TU285-104005N7B

**BEST
SELLER**



Short joint spout



LTS-USA spout

Designed by sugarmakers.
A minimal angle to strongly seal the tap hole.

ELBOW SPOUT SHORT JOINT	TAP DIAMETER	TUBING DIAMETER	MATERIAL	COLOR	WALL	ZMF	CODE
Elbow, short joint	5/16"	5/16"	Polycarbonate	Clear	Thin	✓	TU281-106505J9B
LTS-USA 1,1570°	5/16"	5/16"	Polycarbonate	Clear	Std	✓	TU300-106705J9B
LTS-USA 1,1570°	5/16"	5/16"	Polycarbonate	Clear	Thin	✓	TU301-106705J9B



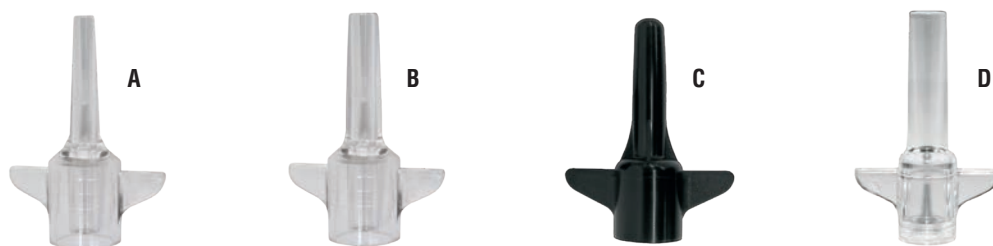
1 ST GENERATION SPOUT	TAP DIAMETER	TUBING DIAMETER	MATERIAL	COLOR	WALL	CODE
*Seasonal elbow style spout	1/4"	5/16"	Polycarbonate	Clear	Std	TU048-000004J9B
Seasonal elbow style spout	5/16"	5/16"	Polycarbonate	Clear	Std	TU048-000005J9B

*Please note that this Spout is not compatible with a Tee-plug.

SAP GATHERING | FITTINGS



ORIGINAL SPOUT	TAP DIAMETER	TUBING DIAMETER	MATERIAL	COLOR	WALL	CODE
A - Elbow style spout	5/16"	5/16"	Nylon	Black	Std	TU051-000005J4B
B - Elbow style spout with rib	5/16"	5/16"	Nylon	Black	Std	TU050-000005J4B
C - Short spout	7/16"	5/16"	Nylon	Black	Std	TU055-000007J4B



DESCRIPTION	TAP DIAMETER	ADAPTOR DIAMETER	MATERIAL	COLOR	WALL	CODE
A - Spout adaptor	1/4"	7/16"	Polycarbonate	Clear	Std	TU054-000416J9B
B - Spout adaptor	5/16"	7/16"	Polycarbonate	Clear	Std	TU054-000516J9B
B - Spout adaptor	5/16"	7/16"	Polycarbonate	Clear	Thin	TU254-000516J9B
C - Spout adaptor	5/16"	7/16"	Nylon	Black	Std	TU054-000516J4B
D - Spout adaptor	5/16"	5/16" and 19/64"	Polycarbonate	Clear	Thin	TU256-000516J9B

STERICAP



STERICAP AND HOOK	CODE
Blue	TU298-146005L7B

Stericap, is a reusable 5 ml. isopropyl alcohol tight sealed container. No mould parting line at the spout tip or tubing connection to completely eliminate micro-leaks, will help reaching maximum vacuum levels and higher yields.

STARS	CODE
Star 3 way	TU020-000003J4
Star 4 way	TU020-000004J4
Star 6 way	TU020-000006J4

FITTING AND ADAPTOR



ORIGINAL FITTING (2 BARBS)	TUBING DIAMETER	MATERIAL	COLOR	ZMF	CODE
A - Connector with hook	3/16"	Nylon	Black	√	TU134-020003J4
A - Connector with hook	5/16"	Nylon	Black	√	TU134-000002J4
B - Reducer hook connector	3/16" and 5/16"	Nylon	Black	√	TU334-020305N4
C - Y	5/16"	Nylon	Black	-	TU026-000000J4
D - End of line eyelet	5/16"	Nylon	Black	-	TU027-000000J4
E - Rubber plug	5/16"	Nylon	Blue	-	TU028-000000XX
F - Slide fitting	5/16"	Nylon	Black	-	TU030-000000J4
F - Slide fitting	3/16"	Nylon	Black	-	TU067-150103N4
G - End of line tie for slide fitting	5/16"	Nylon	Black	-	TU031-000000J4
H - End of line hook for slide fitting	5/16"	Nylon	Black	-	TU032-000000J4
I - Connector	5/16"	Nylon	Black	√	TU133-000002N4
J - Eyelet drop-line plug (seasonal spout)	5/16"	Nylon	Black	-	TU114-000000J4
K - End of line drop-line hook (3 ST)	3/16"	Nylon	Black	√	TU131-317002N4
L - End of line drop-line hook (3 ST)	5/16"	Nylon	Black	√	TU330-000002N4
L - End of line drop-line hook	5/16"	Nylon	Black	√	TU331-010205N4
M - End of line drop-line hook	5/16"	Nylon	Red	√	TU132-142500J03

TEE-PLUG



ORIGINAL TEE-PLUG (2 BARBS)	TUBING DIAMETER	MATERIAL	COLOR	ZMF	CODE
A - Universal tee-plug 3 stages	5/16"	Nylon	Black	✓	TU240-020003J4
A - Universal tee-plug 3 stages	3/16"	Nylon	Black	✓	TU040-030200N4
B - Red tee-plug, 3 stages (left side plug)	5/16"	Nylon	Red	-	TU042-000003J03
C - Tee-plug with cap-plug and drop-line plug	5/16"	Nylon	Black	-	TU045-000504J4
D - Tee-plug with elongated cap	3/16"	Nylon	Black	✓	TU341-326002N4
D - Tee-plug with elongated cap	5/16"	Nylon	Black	✓	TU241-927002J4
E - Tee-plug with elongated cap and hook	3/16"	Nylon	Black	✓	TU342-327002N4
F - Tee-plug with cap-plug	5/16"	Nylon	Black	✓	TU241-000002J4

FIXED HEAD AND SWIVEL HEAD FITTINGS BLACK NYLON



A



B

DESCRIPTION	DIAMETER	DRILL BIT SIZE	ZMF	CODE
A - Saddle manifold with fixed head (fits on: 3/4", 1", 1 1/4", 1 1/2", 2")	3/16"	3/8"	-	TU122-060301J4
	3/16"	31/64"	-	TU122-310301J4
	5/16"	3/8"	✓	TU322-060201J4
B - Saddle manifold with swivel head (fits on: 3/4", 1", 1 1/4", 1 1/2", 2")	5/16"	31/64"	✓	TU322-310201J4
C - Saddle manifold with tie-wrap (fits on: 3/4", 1", 1 1/4")	5/16"	31/64"	✓	TU323-310201J4
Tie-wrap (50 bag)	-	-	-	TU036-000000J4



MAINLINE HOOK	CODE
Bag of 100	TU112-157500XX
Box of 1000	TU112-157500XXB

FLEXClip^{2.0}

new generation

Patent Pending



If the ingenious ease of installation remains the key feature of this second generation, brand-new attributes come to reinforce its stability and sealing properties.

QUICK AND EASY INSTALLATION

Simple and intuitive installation procedure done in no time.

1. Clip
2. Drill
3. Turn
4. Screw

- Innovative integrated positioning and drilling template:
 - Extremely practical and unique template in the market,
 - Consistently positions the inlet at the ideal angle of 55 to 60 degrees,
 - Facilitates the installation of the lateral line and extends its integrity.
- Installs on any mainline with a diameter corresponding to the **FLEXCLIP^{2.0}**.

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to discover our
complete variety



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Online Store



IMMOBILITY OF FLEXCLIP^{2.0}

- Protruding Chimney:
 - Prevents any movement of the **FLEXCLIP^{2.0}** on the mainline,
 - The “click” sound simplifies the final placement of the **FLEXCLIP^{2.0}**.

MAINLINE INTEGRITY

- Since it rests on 87% of the mainline’s circumference, the **FLEXCLIP^{2.0}** allows the tubing to maintain good circularity.

PROVEN SELF-ADHESIVE SEAL

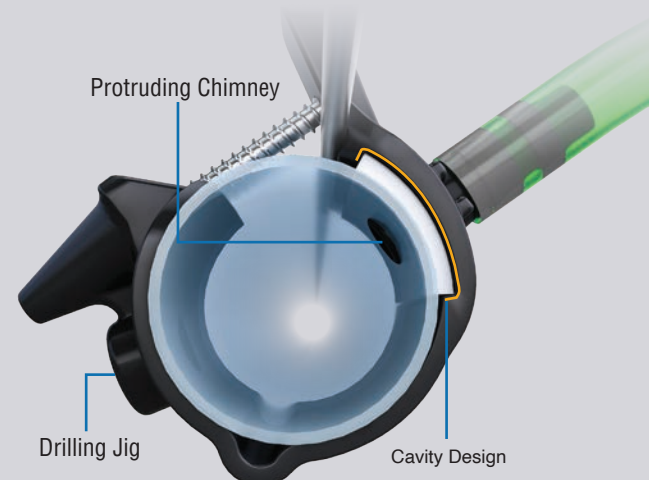
- Made of food-grade silicone.
- Firmly pre-installed at the factory.
- New optimized dimensions for proven sealing.
- Receiving cavity:
 - Compact cavity that securely immobilizes the self-adhesive seal,
 - Bumpers that consistently ensure the ideal compression of the seal for optimal waterproofing.

DIMENSIONS

- 3/4, 1, 1 1/4 and 1 1/2 inch

STAINLESS STEEL SCREW

- Included





A - PRUNO RAPIDO-DROP WITH TUBING CUTTER	CODE
5/16", 28" to 48"	TU525-717003XX

B - PRUNO SPOUT REDUCER EXTRACTOR	CODE
7/16"	TU444-000000XX
5/16"	TU444-000005XX

C - PRUNO HOLE PUNCH	CODE
5/16" (Yellow)	TU425-000005XX
15/32" (Green)	TU425-000015XX
31/64" (Red)	TU425-000031XX

D - PRUNO WIRE PULLER	CODE
Wire tension grip 9"	TU436-071576XX
Wire tension grip 11"	TU436-071571XX

PRUNO SPOUT REMOVER	CODE
E - Light 15" for 5/16" & 7/16"	TU443-190507PL
F - PRO-TECT PULL toggle 27"	TU443-071844XX

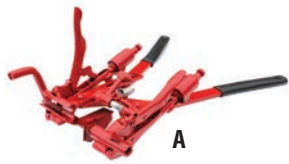
G - PRUNO SPOOLERS	CODE
Pruno tubing reel without base	TU446-000000XX
Pruno base for tubing reel	TU447-000001XX
Vertical reel to be suspended	TU453-000000XX
Pruno horizontal wire spooler	TU575-000000XX

PRUNO MISCELLANEOUS TOOLS	CODE
H - Pruno threaded cone 1/4"	TU456-000005XX
Holder for right-hand drill	TU478-071936XX
I - Set hook holder line level for mainline 3/4" to 3" to 3"	TU551-071902XX
Spring for compact insert tool	TU439-000000XX

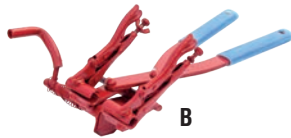
J - PRUNO MAINLINE INSTALLATION TOOLS	CODE
Pruno mainline installation tool 3/4" and 1"	TU445-001216XX
Pruno mainline installation tool 1" and 1 1/4"	TU445-001620XX
Pruno mainline installation tool 1 1/4" and 1 1/2"	TU445-002024XX
Pruno mainline installation tool 1 1/2" and 2"	TU445-002432XX
Pruno mainline installation tool 3/4" to 1 1/2" (kit)	TU445-001224XX

K - MAINLINE WIRING HOOK FOR ALIGN MAINLINE	CODE
0 to 1 1/4" aluminium	TU555-071926XX
0 to 2" stainless steel	TU555-071928XX
0 to 2" aluminium	TU555-071925XX

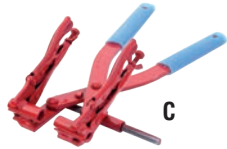
L - PRUNO BIT STOPPER	CODE
1/4"	TU465-719103XX
17/64"	TU465-719104XX
9/32"	TU465-719105XX
19/64"	TU465-719106XX
5/16"	TU465-719107XX



A



B



C



D



E



F



G



H



I



K



L



M

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PRUNO TUBING INSTALLATION TOOL	CODE
A - 5/16" Pruno tubing installation auto-tension	TU428-000000XX
B - Pruno light installation tool with 3/16" jaw and cutter	TU528-711081XX
C - Pruno light installation tool with 3/16" jaw	TU528-711091XX
Plier - tubing installation "pruno" red with cutter w/o flaring tool	TU428-071106XX
Plier - installation Pruno light econo with out cutter and flaring tool	TU528-071109XX

LOAC TOOLS	CODE
I - Universal spout remover 15" for 5/16" & 7/16"	TU443-150507NX
I - Universal spout remover 22,5" for 5/16" & 7/16"	TU443-220507NX
I - Universal spout remover 30" for 5/16" & 7/16"	TU443-300507NX
I - Universal spout remover 40" for 5/16" & 7/16"	TU443-400507NX
J - Tapping hammer, double sided	TU440-000005XX
Tapping spout remover 12-2	TU440-120210XX

PRUNO REPAIR TOOL	CODE
D - Pruno insertion tool with lateral cutter	TU429-000000XX
E - Pruno tubing installation tool lateral cutter and flaring tool	TU430-000000XX
F - Pruno tubing cutter PRO 2 4 functions	TU536-071209XX
Pruno denuder PRO 2 plier without cutter	TU536-071211XX
G - Pruno compact insert tool with vise-grip and cutter	TU539-071065XX
H - Pruno compact insert tool with vise-grip without cutter	TU539-071060XX
Pruno insertion plier with lateral cutter for angle spouts (30° to 115°)	TU429-071067XX
Pruno insertion plier with 3/16" jaws and lateral cutter	TU429-710501XX
Plier - flow-stopper, long nose and automatic tensioning	TU411-071919XX
Plier - flow-stopper, adjustment screw	TU411-071921XX

LOAC TOOLS	CODE
K - Side tie adjuster 20"	TU492-000020A1
K - Side tie adjuster 30"	TU492-000030A1
L - Multifunctions plier	TU530-000000XX
Ultra light 3/16" installation plier	TU423-600003A1
M - Ultra light 5/16" installation plier	TU423-600005A1

**Several other PRUNO
tools are available in store,
please consult your distributor.**



PVC40 GUILLOTINE VALVE	CODE
1"	VA006-001616P2
1 1/2"	VA006-002424P2
2"	VA006-003232P2
3"	VA006-004848P2



PVC40 LINE SPRING LOADED CHECK VALVE	CODE
1/2"	VA007-000808P2
3/4"	VA007-001212P2
1"	VA007-001616P2
1 1/4"	VA007-002020P2
1 1/2"	VA007-002424P2
2"	VA007-003232P2



SCAN THE QR CODE
to discover our complete variety

PLASTIC AND STAINLESS QUICK COUPLERS



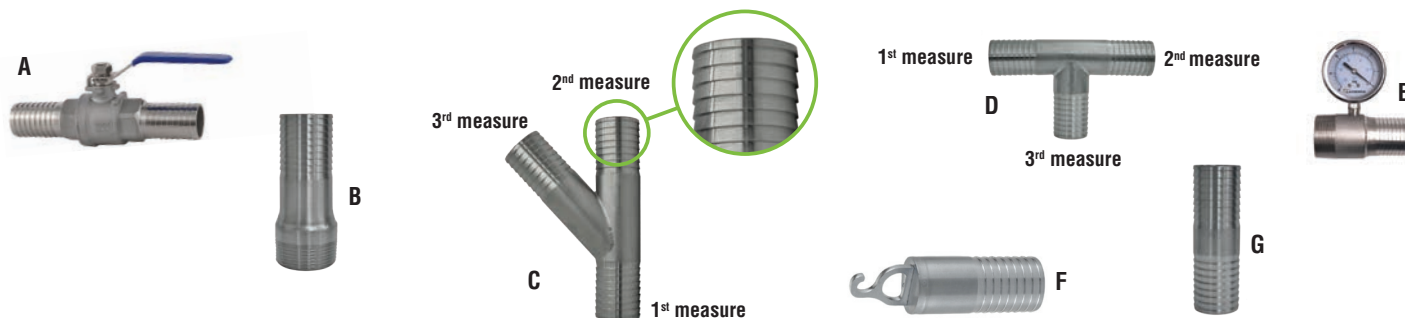
GREY PVC AND WHITE PVC40



ELAPIERRE.COM
Online Store



SS MAINLINE COUPLINGS KIT	CODE
Couplings kit SS 3/4"	TU105-001212S2
Couplings kit SS 1"	TU105-001616S2
Couplings kit SS 1 1/4"	TU105-002020S2
Couplings kit SS 1 1/2"	TU105-002424S2
Couplings kit SS 2"	TU105-003232S2



A - BALL VALVE (INS X INS)	CODE
3/4"	VA051-001212S2
1"	VA051-001616S2

B - ADAPTOR (MPT X INS)	CODE
1/2"	TU100-000808S2
3/4"	TU100-001212S2
1"	TU100-001616S2
1 1/4"	TU100-002020S2
1 1/2"	TU100-002424S2
1" x 3/4"	TU100-001612S2
1 1/4" x 1"	TU100-002016S2
1 1/2" x 1 1/4"	TU100-002420S2
2" x 1 1/2"	TU100-003224S2
2"	TU100-003232S2

C - Y	CODE
3/4"	TU102-121212S2
1" x 3/4" x 3/4"	TU102-161212S2
1" x 1" x 3/4"	TU102-161612S2
1"	TU102-161616S2
1 1/4" x 1" x 1"	TU102-201616S2
1 1/4" x 1 1/4" x 3/4"	TU102-202012S2
1 1/4" x 1 1/4" x 1"	TU102-202016S2
1 1/4"	TU102-202020S2
1 1/2" x 1" x 1"	TU102-241616S2
1 1/2" x 1 1/4" x 1 1/4"	TU102-242020S2
1 1/2" x 1 1/2" x 1"	TU102-242416S2
1 1/2" x 1 1/2" x 1 1/4"	TU102-242420S2
1 1/2"	TU102-242424S2
2" x 2" x 1 1/4"	TU102-323220S2
2" x 2" x 1 1/2"	TU102-323224S2
2"	TU102-323232S2

D - TEE	CODE
3/4"	TU103-121212S2
1" x 1" x 3/4"	TU103-161612S2
1"	TU103-161616S2
1 1/4" x 1 1/4" x 3/4"	TU103-202012S2
1 1/4" x 1 1/4" x 1"	TU103-202016S2
1 1/4"	TU103-202020S2
1 1/2" x 1 1/2" x 1"	TU103-242416S2
1 1/2"	TU103-242424S2
2"	TU103-323232S2

E - ADAPTOR WITH HOLE (DIAL NOT INCLUDED)	CODE
Adaptor 1" MPT x INS, side hole 1/4" FPT	TU157-161604S2
Adaptor 1 1/4" x 1" MPT x INS, side hole 1/4" FPT	TU157-201604S2
Adaptor 1 1/4" MPT x INS, side hole 1/4" FPT	TU157-202004S2

F - SS END-PLUG WITH HOOK	CODE
3/4"	TU820-000012SS
1"	TU820-000016SS
1 1/4"	TU820-000020SS
1 1/2"	TU820-000024SS
2"	TU820-000032SS

G - COUPLING	CODE
1/2"	TU101-000808S2
3/4"	TU101-001212S2
1"	TU101-001616S2
1 1/4"	TU101-002020S2
1 1/2"	TU101-002424S2
2"	TU101-003232S2
1" x 3/4"	TU101-001612S2
1 1/4" x 1"	TU101-002016S2
1 1/2" x 1 1/4"	TU101-002420S2
2" x 1 1/2"	TU101-003224S2

Plusieurs autres grandeurs disponibles
 Pour plus de détails, veuillez contacter votre représentant Lapierre.



DATA CER
sugarbush automation

ALWAYS ON THE LOOKOUT

THE MOST POWERFUL MONITORING AND REMOTE CONTROL SYSTEM

NOW OFFERED WITH **SOLAR TECHNOLOGIES**

A CLEAR VISION OF **MAPLE SUGARING 4.0**

The DATA CER team is dedicated to the development of maple sugaring information technologies.

Our mission is to communicate data on your sugar bush's main performance indicators locally or remotely, and in real time. DATA CER enables optimal management of your workforce and priorities through access to essential sugar bush information.

Moreover, we offer remote control and pumping station equipment automation to make your life easier.

DETECTION AND **QUICK REACTION TIME**

The DATA CER system detects productivity losses in real time and allows you to respond quickly and precisely where needed.

- New powerful and reliable solar power system
- Save time and energy.
- Reduce the impact of seasonal stress.
- Ensure a better quality of life.
- No guessing; target the leak and fix it.
- No more overflowing sap tanks.
- Get a quick return on your investment.
- Remotely control and automate your pumping stations.



DATACER Base



Long-range transmitters can cover up to **3 MILES** of distance*

Vacuum transmitter solar.
1, 2 or 3 main line

DATACER MONITORING SYSTEM	CODE
DATACER base, without antenna. Includes: cable, screen, keyboard, mouse and battery backup (UPS)	SM100-020002NX
Vacuum transmitter (1 main line), D batteries included	SM101-010001XX
Vacuum transmitter (2 main lines), D batteries included	SM101-020001XX
Vacuum transmitter (3 main line), D batteries included	SM101-030001XX
Signal repeater, 3 D batteries included	SM101-000006XX



A combined transmitter can measure a combination of several parameters at the same time (tank level, pressure or vacuum). For all transmitters that can measure pressure, please choose from one of the pressure sensors options listed on page 22.

COMBINED MULTI-FUNCTION TRANSMITTER - WITHOUT ANTENNA		PRESSURE OPTION	OPTION ANTENNA	CODE
Transmitter P	pressure option	2, 3, 4, 5, 6, 7 or 8	A, B, C	SM100-000011P
Transmitter PP	2 pressure option	2, 3, 4, 5, 6, 7 or 8	A, B, C	SM100-000011PP
Transmitter PPP	3 pressure option	2, 3, 4, 5, 6, 7 or 8	A, B, C	SM100-000011PPP
Transmitter PV	pressure option, 1 vacuum	2, 3, 4, 5, 6, 7 or 8	A, B, C	SM100-000011PV
Transmitter PPV	2 pressure options, 1 vacuum	2, 3, 4, 5, 6, 7 or 8	A, B, C	SM100-000011PPV
Transmitter PLL	pressure option, 2 tank level by ultrasound	2, 3, 4, 5, 6, 7 or 8	A, B, C	SM100-000011PLL
Transmitter PLV	pressure option, 1 tank level by ultrasound, 1 vacuum	2, 3, 4, 5, 6, 7 or 8	A, B, C	SM100-000011PLV
Transmitter LV	1 tank level by ultrasound, 1 vacuum	-	A, B, C	SM100-000011LV
Transmitter LLV	2 tank level by ultrasound, 1 vacuum	-	A, B, C	SM100-000011LLV

OPTION - EXTERNAL ANTENNA		CODE
Option A (standard)	Adaptor with whip antenna	SM300-000905KT
Option B	Omnidirectionnal antenna & cable 30'	SM300-030906KT
Option C	Omnidirectionnal antenna & cable 50'	SM300-050906KT

BATTERY	CODE
Battery (3) d12 procell for transmitter including 1 silica gel moisture 10 gr	DV955-000012KT

RECHARGEABLE NIMH BATTERY FOR SOLAR TRANSMITTER ONLY	CODE
1 D NiMH batterie for solar Datercer transmitter only	DV956-010000DX



MODULATION AND EMERGENCY STOP VALVE

As an option on the DATACER station, this valve creates a restriction between your extractor and your pump to modulate the vacuum level. The modulation is either according to the external temperature or according to the vacuum set points determined. Improve the performance of your sugar bush and prevent premature freezing of your master lines through efficient vacuum management!

You can also add a float on your extractor that will cause this valve to close in case of overflow. This will add superior protection to your vacuum pump. If the extractor is located in a pumping station without a vacuum pump, then this allows you to only isolate that extractor if it overflows. Therefore, you will prevent the external vacuum hose from filling with water and then freezing. In addition, you will not penalize the vacuum supply of other areas.

MODULATION AND EMERGENCY STOP VALVE		CODE
Valve only		SM312-010032SXV
Emergency stop	(float, body 6") for vacuum modulation valve on horizontal extractor	SM512-960075XX
Emergency stop	(level switch) for vacuum modulation valve on vertical extractor	SM512-200075XX

CONTROL YOUR PUMP-STATION

Equipment control can be done manually remotely by the user or automatically based on temperature, pressure or other parameters.

- Vacuum pump Start / Stop
- Sap pump Start / Stop
- Draining valve Open / Close
- Measure the vacuum level at the extractor to benefit from the differential measurement
- Sap Extractor vacuum level modulation
- Close sap Extractor vacuum level modulation valve In case of extractor flooding
- Tank level monitoring
- R.O. Feed pump pressure monitoring after pre filters
- Pump station Indoor and outdoor temperature monitoring
- Real time operating status monitoring of: vacuum pump, sap pump and draining valve
- Optimize drainage and reduce the volume of water returning to the station by opening the compressed air valve to drain a discharge pipe after each water pump shutdown.
- Empty the pumping station basin at the end of the day, starting the water pump according to the outside temperature.
- Measure average sap flow/hour, sap volume/day and sap volume/day/tap.



DATA CER STATION	CODE
DATACER station, W/O antenna * Requires antenna option (B or C) see page 20 ** Antenna option A for sugar shack station only	SM100-000012XX

DATA CER STATION (AVAILABLE OPTIONS)	CODE
Ultrasound sensor for one SS tank	SM312-000112KT
Water pump control by electrode, 2 HP max, 240V for one pump (electrode 60")	SM412-013260KT
Water pump control by electrode, 2 HP max, 240V for one pump (electrode 96")	SM512-013260KT
Water pump control by electrode, 3 HP max, 240V for one pump (electrode 60")	SM412-014860KT
Water pump control by electrode, 3 HP max, 240V for one pump (electrode 96")	SM512-014860KT
Water pump control by electrode, 5 HP max, 240V for one pump (electrode 60")	SM412-018060KT
Water pump control by electrode, 5 HP max, 240V for one pump (electrode 96")	SM512-018060KT
Relay for starting vacuum pump by magnetic (1 pump)	SM312-011002KT
Relay for starting vacuum pump by magnetic (2 pumps)	SM312-021002KT
Air intake valve for DATACER station	SM312-080005XX
1" drainage valve for DATACER station	SM312-160006XX
Pressure sensor 0-300 PSI (kit)	SM312-027100KT
Level sensor by pressure 0-100", cable 30' & connection 1/4" MPT	SM312-000100KT
Pressure sensor 0-1000 PSI (kit)	SM312-032100KT
Submersible level sensor 0-10' & cable 50'	SM312-015260KT
Submersible level sensor 0-10' & cable 100'	SM312-030260KT
Pressure sensor 0-34', cable 25' & connection 1/4" MPT	SM312-021100KT
Pressure sensor 0-68', cable 25' & connection 1/4" MPT for DATACER	SM312-025068KT



DATA CER GATEWAY

NEW

Add new remote sites and increase the speed of remote control of your pumping station equipment.

DATA CER GATEWAY	CODE
Datacer station Gateway, no radio, no connection	SM100-000017XX
Radio option for Datacer Gateway	SM317-100000XX
Station connection option for Datacer Gateway	SM317-200000XX
Second station connection option for Datacer Gateway	SM317-300000XX

PRESSURE OPTION			OPTION	CODE
Pressure sensor 0-300 PSI	Cable 25'	Connexion 1/4" MPT	5	SM300-027100KT
Pressure sensor 0-100'	Cable 30'	Connexion 1/4" MPT	2	SM300-000100KT
Pressure sensor 0-1000 PSI	Cable 25'	Connexion 1/4" MPT	7	SM300-032100KT
Submersible level sensor 0-10'	Cable 50'		4	SM300-015260KT
Submersible level sensor 0-10'	Cable 100'		6	SM300-030260KT
Pressure sensor 0-34'	Cable 25'	Connexion 1/4" MPT	3	SM300-021100KT
Pressure sensor 0-68 pi	Cable 25'	Connexion 1/4" MPT	8	SM300-025068KT



MOBILE DATA CER

NEW

Visualize system data in the field in the absence of cellular network.

MOBILE DATA CER	CODE
Handheld	SM100-000019XX

ANTI-NOISE MODULE	CODE
For water meter for DATA CER station 1.7 version only	SM312-000200XX

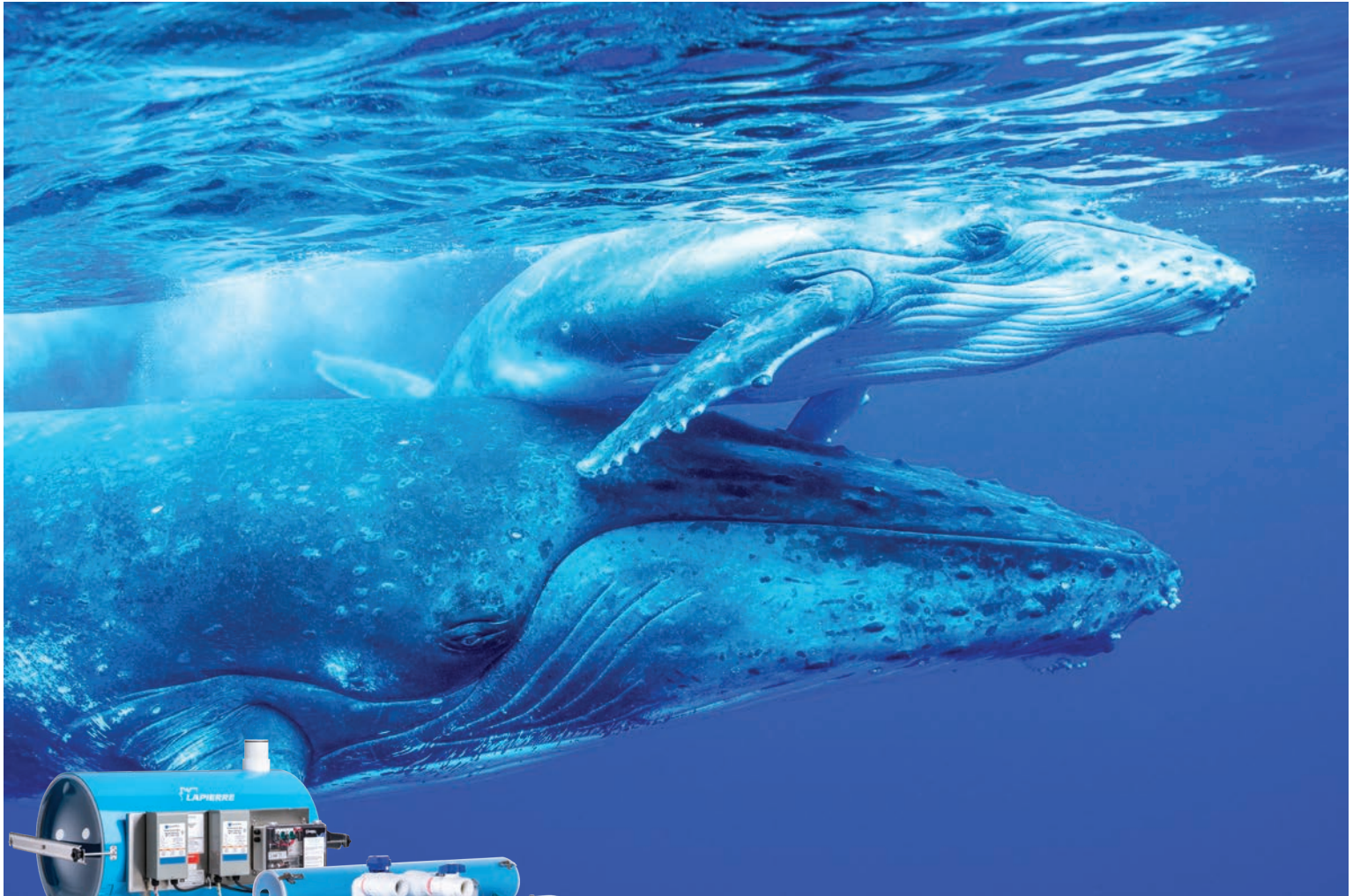


TRANSMITTER FOR TANK LEVELS			OPTION ANTENNE	CODE
Transmitter I	1 tank level by ultrasound	Without antenna	A, B, C	SM100-010010NX
Transmitter II	2 tank levels by ultrasound	Without antenna	A, B, C	SM100-020010NX
Transmitter III	3 tank levels by ultrasound	Without antenna	A, B, C	SM100-030010NX

WATER METER FOR DATA CER STATION	MINIMUM FLOW (USG/MIN)	OPTIMAL FLOW (USG/MIN)	*MAXIMAL FLOW (USG/MIN)	CODE
	D1	D2	D3	
1 1/2"	0,7	1,1	70	SM312-020200KT
2"	1,1	1,8	110	SM312-030200KT

Margin of error % Less than D2 = 5% Between D2 and D3 = 2% Greater than D3 = 5%

*The water meter may break if the flow rate is greater than or equal to the maximum flow rate indicated in this table.



LONGEVITY & AGILITY MASTERY OF WATER

THE MOST COMPLETE LINE OF SAP EXTRACTORS
TO PERFECTLY SUIT ALL NEEDS.

BERNARD AND LAPIERRE TWO NAMES ONE FAMILY

The launch of the first Lapierre maple sap extractors triggered the company manufacturing capabilities in the late 70's. Donald Lapierre designed and built the first reliable mechanical extractor on the market. Proud of our complete range of extractors, we emphasize on quality and simplicity of operation. In 2005 we acquired the sugarbush equipment manufacturer Gilles Bernard Maple Equipment to offer another interesting alternative to our customers. We kept the technical principles that made them famous but added key Lapierre Equipment manufacturing features.

SPECIFICATIONS

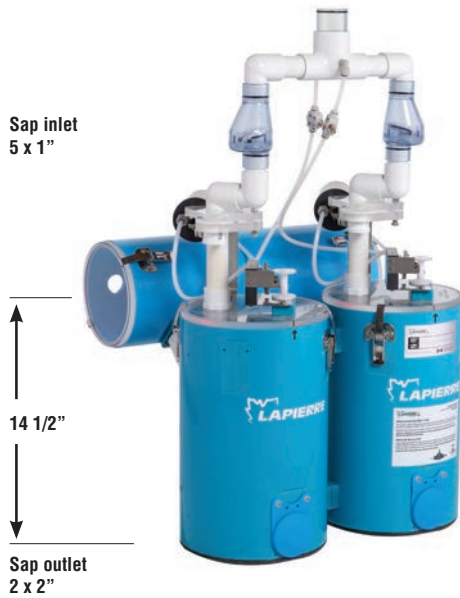
- Stainless steel frames, clips and fasteners;
- Standardized parts that fit on all our extractors;
- Easier than ever to take apart for cleaning and lubricating;
- All parts are CNC machined in house for a perfect fit every time;
- Manifold inlet sizes and position can be customized upon request (ask your dealer).



12" x 36" HTC

TWIN CONTINUOUS VACUUM EXTRACTOR (VTCV AND HTC)

These extractors provide two bellies operating independently as a single extractor. If one stops operating, the other will still operate thus retaining 50% of its capacity. To enjoy this benefit, install a model that offers twice the collection capacity you need.



223-M6-JVC



220-2-JVC

DIMENSION	TYPE	VALVE SYSTEM	O'RING KIT	DESCRIPTION			CODE
8" x 8" x 14"	VTCV	BERNARD	2 x D	Vacuum feed 1-1/2"	6" manifold	Maximum of 1500 taps	223-M6-JVC
12" x 36"	HTCV	BERNARD	2 x F	Vacuum feed 2"	6" manifold	Maximum of 3700 taps	218-JVC
20" x 36"	HTCV	BERNARD	2 x G	Vacuum feed 2"	6" manifold	Maximum of 12 000 taps	220-2-JVC



20" x 41" electric with electrode option
May differ from picture

ELECTRIC EXTRACTOR WITH INTERNAL PUMP

Available with 1 to 4 pumps internal, this extractor is the ultimate in continuous vacuum because it never releases its vacuum.



EX125-022041NX

IMPROVED MODEL



EX110-241227XX

DIMENSION	PUMP	VERTICALS EXTRACTORS				CODE
12" x 27"	1 pump TYPE C	1 control	Vacuum feed 1 1/2"	6" X 12" manifold	With electric float and jog button connection included (Option electrode 5)	EX110-241227XX
DIMENSION	PUMP	HORIZONTALS EXTRACTORS				CODE
20" x 24"	1 pump TYPE C	1 control	Vacuum feed 3"	6" x 27" manifold	(Option electrode 2)	EX125-012024NX
20" x 24"	2 pumps TYPE C	1 control	Vacuum feed 3"	6" x 27" manifold	(Option electrode 2)	EX125-022024NX
20" x 41"	1 pump TYPE C, D, E, or H	1 control	Vacuum feed 3"	6" x 42" manifold	(Option electrode 2)	EX125-012041NX
20" x 41"	1-2 pumps TYPE C, D, E, or H	2 controls	Vacuum feed 3"	6" x 42" manifold	(Option electrode 4)	EX125-022041NX
20" x 24"	3 pumps TYPE C	2 controls	Vacuum feed 3"	6" x 27" manifold	(Option electrode 4)	EX125-032024NX
20" x 24"	4 pumps TYPE C	2 controls	Vacuum feed 3"	6" x 27" manifold	(Option electrode 4)	EX125-042024NX
20" x 41"	3 pumps TYPE C	2 controls	Vacuum feed 3"	6" x 42" manifold	(Option electrode 4)	EX125-032041NX
20" x 41"	4 pumps TYPE C	2 controls	Vacuum feed 3"	6" x 42" manifold	(Option electrode 4)	EX125-042041NX

Pumps, draining kit and electrodes pump control not included, see page 27.



ELECTRIC EXTRACTOR WITH INTERNAL PUMP

Now available with one, two, three or four independent internal pumps this extractor is the ultimate in continuous vacuum because it never releases its vacuum.

LAPIERRE 20" x 41" DHS

Sap Inlet on demand only

31 1/4"

Sap outlet 3 or 4 x 1 1/2"



EX129-042041XX

DIMENSION	PUMP		DESCRIPTION		CODE
20" x 41"	1 pump TYPE C, D, E or H	Electrodes control	Vacuum feed 3"	Double stacked 20" x 41" tanks	EX129-012041XX
20" x 41"	1-2 pumps TYPE C, D, E or H	Electrodes control	Vacuum feed 3"	Double stacked 20" x 41" tanks	EX129-022041XX
20" x 41"	1-3 pumps TYPE C, D, E or H	Electrodes control	Vacuum feed 3"	Double stacked 20" x 41" tanks	EX129-032041XX
20" x 41"	1-4 pumps TYPE C, D, E or H	Electrodes control	Vacuum feed 3"	Double stacked 20" x 41" tanks	EX129-042041XX
SINGLE TANK WITHOUT MANIFOLD					
20" x 41"	1 pump TYPE C, D, E or H	1 control	Vacuum feed 3"	Single 20" x 41" tank	EX141-012041XX
				(Option electrode 2)	EX325-013260KN

Draining kit not available for the models above.

Electrodes pump control not included on EX141-012041XX, see page 27.



DRAINING KIT	CODE
draining kit on single electric horizontal extractor 20" x 24" & 20" x 41" for submersible pump	EX225-323204RT



(C-D-E-H)
Pompe submersible (DEEP WELL)

TYPE	SUBMERSIBLE PUMP (DEEP WELL) FOR EXTRACTOR		CODE
C	20 GPM 1/2 HP	20 VAC = 20 GAL to 30 PSI, 0 GAL to 50 PSI	PM152-082005XX
		25 VAC = 20 GAL to 30 PSI, 0 GAL to 47 PSI	
		27 VAC = 15 GAL to 30 PSI, 0 GAL to 45 PSI	
		28 VAC = 6 GAL to 30 PSI, 0 GAL to 43 PSI	
D	25 GPM 1 HP	20 VAC = 35 GAL to 30 PSI, 0 GAL to 85 PSI	PM162-162506XX
		25 VAC = 28 GAL to 30 PSI, 0 GAL to 80 PSI	
		27 VAC = 24 GAL to 30 PSI, 0 GAL to 75 PSI	
		28 VAC = 11 GAL to 30 PSI, 0 GAL to 70 PSI	
E	25 GPM 2 HP	20 VAC = 31 GAL to 30 PSI, 0 GAL to 140 PSI	PM162-322510XX
		25 VAC = 24 GAL to 30 PSI, 0 GAL to 135 PSI	
		27 VAC = 22 GAL to 30 PSI, 0 GAL to 130 PSI	
		28 VAC = 12 GAL to 30 PSI, 0 GAL to 135 PSI	
H	60 GPM 2 HP	20 VAC = 50 GAL to 30 PSI, 0 GAL to 72 PSI	PM162-603201XX
		25 VAC = 45 GAL to 30 PSI, 0 GAL to 70 PSI	
		27 VAC = 35 GAL to 30 PSI, 0 GAL to 65 PSI	
		28 VAC = 20 GAL to 30 PSI, 0 GAL to 60 PSI	

*1 psi = 2.3 feet of elevation. (Do not forget to calculate the friction of the tube when calculating your pumps)
The above pumps are 240V, 1 HP. Possibility to have 575V, 3 HP, type D, E and H (contact Lapierre Equipment).



TYPE	ELECTRODES PUMP CONTROL OPTION FOR ELECTRIC EXTRACTOR ON NEW EXTRACTOR PURCHASE ONLY	CODE
2	2 HP max, 240V. for 1 pump on 20" electric horizontal extractor	EX325-013260KN
	2 HP max, 575V. for 1 pump on 20" electric horizontal extractor	EX425-013260KN6
4	2 HP max, 240V. for 2 pumps on 20" electric horizontal extractor	EX325-023260KN
	2 HP max, 575V. for 2 pumps on 20" electric horizontal extractor	EX425-023260KN6
5	2 HP max, 240V. for 1 pump on 12" x 36" electric vertical extractor	EX510-013260KT

ELECTRODES PUMP CONTROL OPTION FOR ELECTRIC EXTRACTOR EXTRACTOR MODIFICATION (LABOR NOT INCLUDED)	CODE
2 HP max, 240V. for 1 pump on 20" electric horizontal extractor	EX225-013260KN



12" X 12" X 18" DV

DOUBLE MECHANICAL EXTRACTOR DV

In these double extractors each tank operates in turn. While one is emptied of its sap, the other begins its filling cycle and vice versa. This process offers a higher collection capacity than a single extractor but less capacity compared to a twin continuous vacuum.

Sap inlet
5 x 1"

14 1/2"

Sap outlet
2 x 2"



8" X 8" X 14" DV EXTRACTOR

Sap inlet
7 x 1"

22 1/2"

Sap outlet
2 x 2"



12" X 12" X 18" DV EXTRACTOR

DIMENSION	TYPE	VALVE SYSTEM	O'RING KIT	DESCRIPTION			CODE
8" x 8" x 14"	DV	BERNARD	D	Vacuum feed 1"	Manifold 6"	Maximum of 1000 taps	223-M6
12" x 12" x 18"	DV	BERNARD	E	Vacuum feed 1-1/2"	Manifold 6"	Maximum of 3000 taps	213



12" x 36" TCV-HRS

TWIN CONTINUOUS VACUUM REVERSE SLOPE EXTRACTOR (TCV-HRS AND TCV-VRS)

These new types of reverse slope extractors now operate on the principle of twin continuous vacuum. It features 2 independent bellies operating like a single extractor while remaining a reverse slope. The necessary air leak for the proper operation of a reverse slope is now reduced and controlled. A reverse slope extractor TCV-HRS allows to raise the sap up to 20 ft @ 25 in/Hg or to 15 ft @ 20 in/Hg. The sap outlet and the vacuum feed of the reverse slope must be hooked to the manifold of the receiving extractor at the hilltop.



Sap inlet
3 x 1"

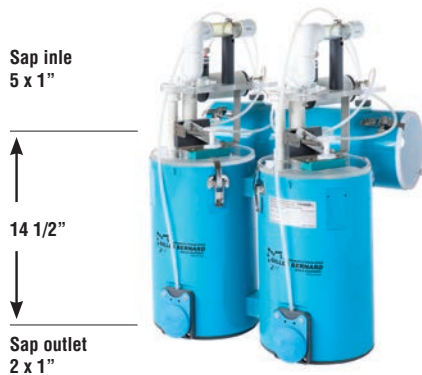
14 1/2"

Sap outlet
1"

217-M6-PI

SINGLE BERNARD REVERSE SLOPE

This single reverse slope is used to push sap up toward an extractor or a transfer tank at a maximum height of 15 ft @ 20 in/Hg or 20 ft @ 25 in/Hg. It will drain itself automatically when there is no more vacuum fed to it. Unlike a conventional reverse slope extractor, it only needs one pipe for the vacuum and sap outlet.

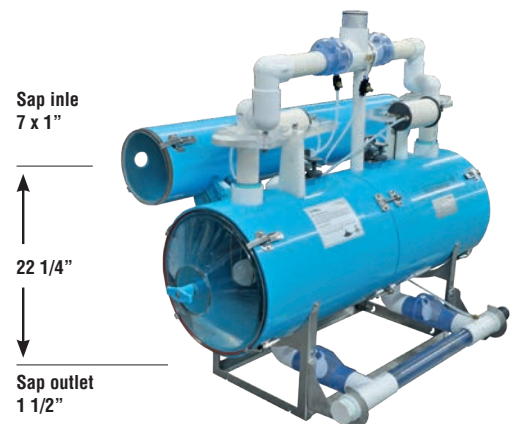


Sap inlet
5 x 1"

14 1/2"

Sap outlet
2 x 1"

8" X 8" X 14" TVC-VRS EXTRACTOR



Sap inlet
7 x 1"

22 1/4"

Sap outlet
1 1/2"

12" X 36" TVC-HRS EXTRACTOR

DIMENSION	TYPE	VALVE SYSTEM	O'RING KIT	DESCRIPTION	CODE
8" x 14"	SV-VRS	BERNARD	D	Vacuum feed 1" 6" manifold	217-M6-PI
8" x 8" x 14"	TCV-VRS	BERNARD	2 x D	Vacuum feed 2 x 1" 6" manifold	217-M6-JVC-PI
12" x 36"	TCV-HRS	BERNARD	2 x E	Vacuum feed 1 1/2" 6" manifold	218-JVC-PI

* The maximum amount of tap on a reverse slope extractor is related to the diameter and length of the drain pipe and the slope. Contact your Lapierre sales representative for an adequate selection.



12" X 24" SH

SINGLE MECHANICAL EXTRACTOR (SV AND SH)

The simplicity of operation of these single mechanical extractors makes them economic and reliable. When the sap level pushes the float up, the vacuum is cut from the belly and the sap is released.

Sap inlet
3 x 1"

14 1/2"

Sap outlet 2"



8" X 14" SV EXTRACTOR

Sap inlet
7 x 1"

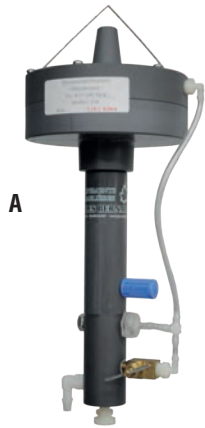
22 1/2"

Sap outlet 3"



20" X 24" SH EXTRACTOR

DIMENSION	TYPE	VALVE SYSTEM	O'RING KIT	DESCRIPTION			CODE
8" x 14"	SV	BERNARD	D	Vacuum feed 1"	6" manifold	Maximum of 500 taps	217-M6
12" x 24"	SH	BERNARD	F	Vacuum feed 1 1/2"	6" manifold	Maximum of 1500 taps	210



A - SAP LADDER AIR INJECTOR	CODE
Injects air in the system to move the sap up the ladder.	512

SELF CLEANING SPRINKLER OPTION
 20" sap extractor self cleaning sprinklers. Only available on the superior tank of a double staked extractor.

KIT SPRINKLER & CONNECTION	AVAILABLE WITH OPTION	CODE
Kit sprinkler & connection to the internal pump for manual cleaning, pump not included (on new extractor)	EX171-000020XX	EX071-000020PX
Kit sprinkler & connection to a hose for manual cleaning, hose not included (on new extractor)	EX171-000020XX	EX071-000020XX



Retrofit on existing extractors is possible. See your Lapierre dealer.

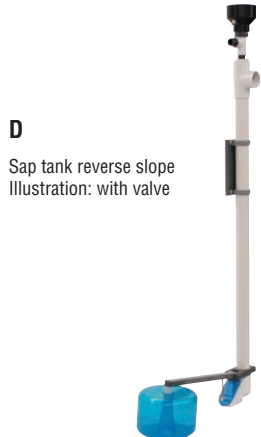
MISCELLANEOUS	CODE
Replacement sprinkler only for cleaning system	EX271-000001XX
Control kit for automatic cleaning, sprinkler not included (on new extractor)	EX171-000020XX



B - SAP RECOVERY DEVICE	CODE
This accessory is used to recover the sap in the bottom of a drainage tank to avoid sap loss. The ball floats allowing the sap to be siphoned by the vacuum coming from the extractor. Once the tank is emptied the ball comes down and blocks the inlet. (connected under the manifold vacuum gage).	EX107-000000XX



C - SAP TANK REVERSE SLOPE (FITS ON LAPIERRE STORAGE TANKS ONLY)	CODE
Used to siphon sap from a tank to a sap extractor at a maximum height of 15 ft @ 20 in/Hg and 20 ft @ 25 in/Hg automatically drains the line back to the tank when there's no more vacuum.	BA509-000024XX
	BA509-000032XX



D
 Sap tank reverse slope
 Illustration: with valve

D - SAP TANK REVERSE SLOPE	CODE	
Used to siphon sap from a tank to a sap extractor at a maximum height of 15 ft @ 20 in/Hg and 20 ft @ 25 in/Hg. Includes automatic vacuum draining valve.	Automatic vacuum	Without draining valve
	520	520-S

TRANSFER TANK AND MANIFOLD



1" PUMP CONNECT KIT

With SS spring valve

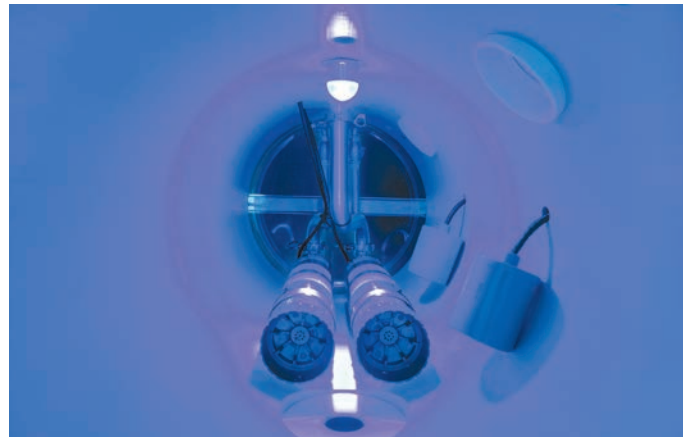
CODE

PM405-010016XX

SCAN
THE QR CODE
to discover our
complete variety



ELAPIERRE.COM
Online Store



LED KIT

For extractor

CODE

EX080-000001XX





KIT	CODE
Pressure relief adaptor kit	PM010-00000SS



BANJO FILTER	CODE
3/4"	PM061-001212XX
1"	PM061-001616XX
1 1/4"	PM061-002020XX
1 1/2"	PM061-002424XX
2"	PM061-003232XX



SCAN THE QR CODE
to discover our complete variety

LAPIERRE HIGH PRESSURE TRANSFER PUMP



GOULDS PUMPS



ELAPIERRE.COM
Online Store

EMERGENCY STOP VALVE FOR EXTRACTOR WITH CONNECTION AND FLOAT ON 1" MPT ADAPTOR

This system prevent sap overflow from the sap extractor shutting off the vacuum feed by the signal of an adjustable float located inside the extractor. The valve will reopen ten seconds after the float signal is lost. The valve must be installed vertically on the upmost portion of extractor vacuum feed.



EMERGENCY STOP VALVE	CODE
For extractor with 1 1/2" & 2" connection and float on 1" mpt adaptor	EX075-010032XX
For extractor with 2 1/2" & 3" connection and float on 1" MPT adaptor	EX075-010048XX

EMERGENCY STOP OPTIONS	CODE
Emergency stop (float, body 6") for vacuum modulation valve on horizontal extractor	SM512-960075XX
Emergency stop (level switch) for vacuum modulation valve on vertical extractor	SM512-200075XX

THE VACUUM PUMP EVERY SUGARMAKER TALKS ABOUT, BUILT FOR HIGH VACUUM!



- Rotary claws dry pump;
- No friction;
- Air cooled, no water or oil;
- Pollution free clean operation;
- Simple construction yet robust;
- Minimal maintenance;
- Can operate via VFD;
- Very low electrical consumption;
- Very low noise operation.



PROGRESSIVE START VARIABLE SPEED DRIVE

- Can be hooked-up to any existing auto start and stop system;
- No need for external magnetic starter;
- Manual RPM adjustment;
- Progressive start to eliminate high power peaks;
- Convert single phase power to 3 phase;
- Electrical hook-up should be handled by a certified electrician.

BASE ON CASTERS (BUSCH VACUUM PUMP)	CODE
Base for 0040	PM420-004000D1
Base for 1102, 1142, 1144	PM420-110200D1
Base for 1252, 1322	PM420-125200D1

BASE ON CASTERS (BUSCH r5 model)	CODE
Base for R0025, R0040	PM430-025040D1
Base for R0063, RA100	PM430-063100D1
Base for R0165, R0205, R0255 R0305	PM430-165305D1



FILTER IN WASHABLE FABRIC



SPARE AIR FILTER CARTRIDGE (BUSCH VACUUM PUMP)	CODE
MM1144, MV0040B, RA0025 and RA0040 pump	PM325-532002XX
MM1142, MM1102, RA0063 and RA0100 pump	PM325-532003XX
MM1252, MM1322, RA0165, RA0205, RA0255 and RA0305 pump	PM325-532004XX
RC0021 pump	PM325-532005XX

GEAR BOX OIL	CODE
VS150, 1 liter (BUSCH MINK VACUUM PUMPS)	PM327-164883XX

HOOKS LUBRICANT	CODE
500 ml (Busch vacuum pump)	PM428-034500ML

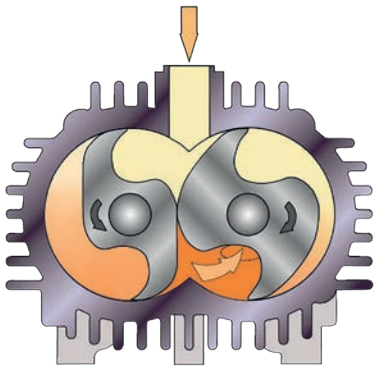
MINK BUSCH PUMP MV0040 12 SCFM @ 15" (MAX. : 28,7 IN/HG)	CODE
1.5 HP motor with variable speed 1.24KW, 1 HP, 220V Intake filter assembly and adaptor included	PM120-004001XX



BUSCH VACUUM PUMPS ARE AVAILABLE IN 2 DIRECT DRIVE CONFIGURATIONS:

Three phase 230/460 or 575 volts, can use a variable frequency drive for energy consumption reduction up to 50%, and lower amp requirements to start the pump.

PUMP MM1144BV	29 SCFM @ 15" (MAX. : 28,5 PO/HG)	CODE
3 phase motor	230/460 V / 3 HP	PM121-114402XX
3 phase motor	575 V / 3 HP	PM121-114402AX
Progressive start control	1 HP 220 V to 3 phases 230 / 460 V	PM421-114402XX
Progressive start control	600 V 3 phases à 600V 3 phases	PM421-114403AX
Connection kit for progressive start	Miscellaneous parts	EL421-114400XX



Includes exhaust flap, lubrication valve, intake filter. Electrical hook-up should be handled by a certified electrician. The connection kit for progressive start includes everything needed to connect the vacuum pump to the controller. Cable 8'.

PUMP MM1142BV	52 SCFM @ 15" (MAX. : 28,5 PO/HG)	CODE
3 phase motor	230/460 V / 7,5 HP	PM121-114204XX
3 phase motor	575 V / 7,5 HP	PM121-114204AX
Progressive start control	1 HP 220 V to 3 phases 230/460 V	PM421-114204XX
Progressive start control	600 V 3 phases to 600V 3 phases	PM421-114204AX
Connection kit for progressive start	Miscellaneous parts	EL421-114200XX

PUMP MM1252AV	83 SCFM @ 15" (MAX. : 27 PO/HG)	CODE
3 phase motor	230/460 V / 7,5 HP	PM121-125205XX
3 phase motor	575 V / 7,5 HP	PM121-125205AX
Progressive start control	1 HP 220 V to 3 phases 230/460 V	PM421-125205XX
Progressive start control	600 V 3 phases to 600 V 3 phases	PM421-125205AX
Connection kit for progressive start	Miscellaneous parts	EL421-125200XX

PUMP MM1322AV	100 SCFM @ 15" (MAX. : 25,5 PO/HG)	CODE
3 phase motor	230 / 460 V / 10 HP	PM121-132206XX
3 phase motor	575 V / 10 HP	PM121-132206AX
Progressive start control	1 HP 220 V to 3 phases 230/460 V	PM421-132206XX
Progressive start control	600 V 3 phases to 600 V 3 phases	PM421-132206AX
Connection kit for progressive start	Miscellaneous parts	EL421-132200XX

BUSCH R5

Since 1963, Busch Vacuum Technics has been manufacturing the most efficient and robust vacuum pumps in the industry. Being the first to manufacture and optimize oil-lubricated rotary vane pumps as we know them today, Busch R 5 vane pumps are still today considered the industry benchmark because of their robustness and high operational reliability. More than 3 million of R 5 vacuum pumps are now used worldwide for a variety of demanding industrial applications. Their high efficiency at low vacuum, their energy efficiency and the efficiency of the exhaust box filtration system invented by Dr. Ing. Karl Busch make this pump a powerful and reliable equipment for maple producers who want to operate at low vacuum. Initially developed for the food industry, the Busch R 5 pumps has a high tolerance to water vapor, an optimal low energy consumption and air flow over the entire vacuum range.



Includes with BUSCH R5 Vacuum pump: exhaust flap, intake filter. Electrical hook-up should be handled by a certified electrician. The connection kit for progressive start includes everything needed to connect the vacuum pump to the controller. Cable 8'.

PUMP R0025 (OIL 2 L)	9 SCFM @ 15" (MAX. : 29,9 PO/HG)	CODE
Single phase motor	110/220 V / 1,5 HP	PM130-002501XX
3 phase motor	230/460 V / 1,5 HP	PM131-002501XX
Progressive start control	220 V 1 HP to 230/460 V 3 phases	PM421-002501XX
Connection kit for progressive start	Miscellaneous parts	EL421-114200XX

PUMP R0040 (OIL 2 L)	14 SCFM @ 15" (MAX. : 29,9 PO/HG)	CODE
3 phase motor	230/460 V / 2 HP	PM131-004002XX
Progressive start control	220 V 1 HP to 230/460 V 3 phases	PM421-006303XX
Connection kit for progressive start	Miscellaneous parts	EL421-114200XX

PUMP R0063 (OIL 3 L)	23 SCFM @ 15" (MAX. : 29,9 PO/HG)	CODE
3 phase motor	230/460 V / 3 HP	PM131-006303XX
Progressive start control	220 V 1 HP to 230/460 V 3 phases	PM421-006303XX
Connection kit for progressive start	Miscellaneous parts	EL421-114200XX

PUMP R0100 (OIL 3 L)	36 SCFM @ 15" (MAX. : 29,9 PO/HG)	CODE
3 phase motor	230/460 V / 5 HP	PM131-010005XX
Progressive start control	220 V 1 HP to 230/460 V 3 phases	PM421-010005XX
Connection kit for progressive start	Miscellaneous parts	EL421-114200XX

PUMP R0205 (OIL 7 L)	65 SCFM @ 15" (MAX. : 29,9 PO/HG)	CODE
3 phase motor	230/460 V / 7,5 HP	PM131-020507XX
Progressive start control	220 V 1 HP to 230/460 V 3 phases	PM421-020507XX
Connection kit for progressive start	Miscellaneous parts	EL421-125200XX

PUMP R0305 (OIL 7 L)	98 SCFM @ 15" (MAX.: 29,9 PO/HG)	CODE
3 phase motor	230/460 V / 10 HP	PM131-030510XX
Progressive start control	230 V 1 HP to 230/460 V 3 phases	PM421-030510XX
Connection kit for progressive start	Miscellaneous parts	EL421-132200XX



PUMP R0400, 20 HP	153 SCFM @ 15" (MAX.: 29,9 IN/HG) SEE YOUR SALES REPRESENTATIVE FOR DETAILS
-------------------	---

PUMP R0630, 25 HP	228 SCFM @ 15" (MAX.: 29,9 IN/HG) SEE YOUR SALES REPRESENTATIVE FOR DETAILS
-------------------	---

SIHI PUMP
AVAILABLE WITH
PROGRESSIVE
START
VARIABLE SPEED
DRIVE.



SCAN THE QR CODE
to discover our complete variety



**SINGLE
STAGE**

ELAPIERRE.COM
Online Store



**DOUBLE
STAGE**

SERVICE LIQUID TANK (FOR LIQUID RING VACUUM PUMP)

18" x 36" x 34" 66 gal (79 USG) (comes with overflow pipe)

CODE

BA001-180334S3

SUPPORT FOR SIHI VACUUM PUMP (WALL MOUNTING)

Set of 2 (16" x 16")

CODE

PM468-321616XX

GUZZLER ELECTRIC SINGLE DIAPHRAGM PUMP

GE-0401N, 3/4 - 1 1/4", 115 V, up to 400 taps

CODE

PM007-040116NX

Service kit (diaphragm & flapper valves)

PM407-000017XX

Diaphragm

PM407-000013XX

GUZZLER ELECTRIC DOUBLE DIAPHRAGM PUMP

G2-0501N, 1 1/4", 115 V, up to 800 taps

CODE

PM008-050116NX

G2-0504N, 1 1/4", 24 V, up to 800 taps

PM009-050424NX

Service kit (diaphragm & flapper valves)

PM408-000017FX

Diaphragm

PM407-000013XX

GUZZLER ELECTRIC QUAD DIAPHRAGM PUMP

G4-0501N 115 V, jusqu'à 28 HG

CODE

PM007-050120XX

CONVERSION SET

1 Santoprene diaphragm, pump button 1/4", stainless steel washer

CODE

PM408-000018XX



A



B



C



D



E



F



G



H

VACUUM OIL	CODE
68 high performance 18.9 L (5 USG)	DV461-006818XX
100 flood 18,9 L (4,99 USG)	DV461-010018XX

A - MAGNETIC STARTER (240 VOLTS, 1 HP AUTO/OFF/ON)	CODE
3 HP	PM380-000003XX
5 HP	PM380-000005XX
7,5 HP	PM380-000007XX
10 HP	PM380-000010XX

B - VERTICAL HUMIDITY TRAP	CODE
2" ball	TH002-000002NX
2" ball	TH002-000003NX

C - CONTROL TEMPERATURE CONNEXION	CODE
for drive and magnetic starter (120 Volts)	EL521-419001XX

D - VERTICAL ELECTRIC HUMIDITY TRAP	CODE
14" X 25 1/2" with 3" inlet and outlet, 3" flap included	TH003-031425XX

E - BERNARD HUMIDITY TRAP	CODE
Built-in lateral water sight level and drain (electric switch included)	507-D

* It is strongly recommended to add the vacuum breaker valve option.

F - 3/4" VACUUM BREAKER VALVE	CODE
3/4" Vacuum breaker valve	TH060-120001XX
With options (valve, elbow and nipple)	TH060-120001KT

VACUUM REGULATOR	CODE
G - Vacuum regulator 1 1/2" (Fits on 1 1/2" male and 2" female)	PM400-000001XX
H - High flow vacuum regulator	PM400-000002XX

A COMPLETE RANGE OF SS STORAGE TANKS

- Made with first grade materials;
- Structural metal chosen according to tank size to satisfy the most demanding sugarmakers;
- Side reinforcement bars made to strenghten the sides when tank is full to the top (4 feet and bigger);
- All aluminum frames on 3' x 4' and smaller storage tanks;
- Full steel structure on 4' x 6' tanks and up.



DIMENSION WIDTH	DIMENSION LENGTH	OUTLET
2', 3', 4', 5'	up to 8'	1 1/2" mâle NPT
More than 5'	more than 8'	2" mâle NPT
6', 7 1/2'	any length	2" mâle NPT

18" WIDE	IMP G.	USG	LITRES	BRIGHT ANNEALED 304-BA
18" x 4' x 26 1/4"	63	76	288	BA001-180426S3
18" x 4' x 34"	88	105	397	BA001-180434S3

2' WIDE	IMP G.	USG	LITRES	BRIGHT ANNEALED 304-BA
2' x 4' x 29"	98	117	443	BA001-020429S3
2' x 4' x 41"	148	177	670	BA001-020441S3

3' WIDE	IMP G.	USG	LITRES	BRIGHT ANNEALED 304-BA
3' x 4' x 36 3/4"	193	231	874	BA001-030436S3
3' x 4' x 48 3/4"	267	321	1215	BA001-030448S3
3' x 8' x 24"	217	260	984	BA001-030824S3
3' x 8' x 37 1/2"	385	462	1749	BA001-030837S3
3' x 8' x 49 1/2"	535	642	2430	BA001-030849S3
3' x 12' x 37 1/2"	578	693	2623	BA001-031237S3
3' x 12' x 49 1/2"	802	963	3645	BA001-031249S3
3' x 16' x 37 1/2"	770	924	3498	BA001-031637S3
3' x 16' x 49 1/2"	1070	1283	4857	BA001-031649S3

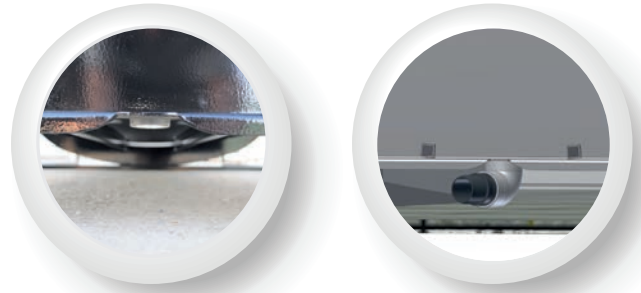
No spacer needed to connect to drain fittings

Our special design gives you clearance.

MPT stainless steel outlet option on tank

Overflow od drain welded in the tank. Option 3" outlet instead of 2" on tank 5', 6' and 7 1/2' wide. Contact your Lapierre representative for more information.

*Important : the tank will be 2" higher if outlet of 3".



4' WIDE	IMP. G	USG	LITRES	BRIGHT ANNEALED 304-BA
4' x 4' x 33 1/4"	216	259	980	BA001-040433S3
4' x 4' x 45 1/4"	316	379	1435	BA001-040445S3
4' x 8' x 33 1/4"	432	519	1964	BA001-040833S3
4' x 8' x 45 1/4"	632	758	2869	BA001-040845S3
4' x 8' x 52 3/4"	757	908	3437	BA001-040852S3
4' x 12' x 33 1/4"	648	778	2945	BA001-041233S3
4' x 12' x 45 1/4"	948	1137	4304	BA001-041245S3
4' x 12' x 52 3/4"	1135	1362	5156	BA001-041252S3
4' x 12' x 60"	1310	1572	5950	BA001-041260S3
4' x 16' x 33 1/4"	864	1037	3925	BA001-041633S3
4' x 16' x 45 1/4"	1264	1516	5739	BA001-041645S3
4' x 16' x 52 3/4"	1513	1816	6874	BA001-041652S3
4' x 16' x 60"	1746	2095	7930	BA001-041660S3

To order overflow pipes by specific sizes, please follow this procedure

1 1/2" PVC Drain overflow pipe (BA404-01**24XX)

2" PVC Drain overflow pipe (BA404-01**32XX)

3" PVC Drain overflow pipe (BA404-00**48XX)

From the generic code, replacer the 2 stars by the length of the pipe.

Example: PVC Drain overflow pipe 1 1/2" x 11" de long : BA404-011124XX.

Our machined drain outlets will precisely fit with our tank overflow pipes.



STORAGE | TANKS

- Superior quality construction;
- Heavy duty structure;
- Extra structure to minimize support points.

Customizable name on the front plate



5' WIDE	IMP. G	USG	LITRES	BRIGHT ANNEALED 304-BA
5' x 8' x 29 1/4"	438	525	1987	BA001-050829S3
5' x 8' x 41 1/4"	687	824	3119	BA001-050841S3
5' x 8' x 50 1/2"	879	1055	3994	BA001-050850S3
5' x 8' x 64 1/4"	1165	1398	5292	BA001-050864S3
5' x 12' x 29 1/4"	656	788	2983	BA001-051229S3
5' x 12' x 41 1/4"	1031	1237	4683	BA001-051241S3
5' x 12' x 50 1/2"	1319	1583	5992	BA001-051250S3
5' x 12' x 64 1/4"	1748	2098	7942	BA001-051264S3
5' x 12' x 84"	2364	2837	10739	BA001-051284S3
5' x 16' x 29 1/4"	875	1050	3975	BA001-051629S3
5' x 16' x 41 1/4"	1374	1649	6242	BA001-051641S3
5' x 16' x 50 1/2"	1759	2111	7991	BA001-051650S3
5' x 16' x 64 1/4"	2331	2797	10588	BA001-051664S3
5' x 16' x 84"	3152	3783	14320	BA001-051684S3
5' x 20' x 29 1/4"	1094	1313	4970	BA001-052029S3
5' x 20' x 41 1/4"	1718	2061	7802	BA001-052041S3
5' x 20' x 50 1/2"	2198	2638	9986	BA001-052050S3
5' x 20' x 64 1/4"	2913	3496	13234	BA001-052064S3
5' x 20' x 84"	3940	4728	17897	BA001-052084S3
5' x 24' x 41 1/4"	2061	2473	9361	BA001-052441S3
5' x 24' x 64 1/4"	3495	4195	15880	BA001-052464S3
5' x 24' x 84"	4728	5674	21478	BA001-052484S3

6' WIDE	IMP. G	USG	LITRES	BRIGHT ANNEALED 304-BA
6' x 8' x 49 1/2"	1009	1211	4584	BA001-060849S3
6' x 8' x 61 1/2"	1309	1570	5943	BA001-060861S3
6' x 8' x 73 1/2"	1608	1930	7306	BA001-060873S3
6' x 12' x 49 1/2"	1514	1816	6874	BA001-061249S3
6' x 12' x 61 1/2"	1963	2355	8915	BA001-061261S3
6' x 12' x 73 1/2"	2412	2894	11296	BA001-061273S3
6' x 12' x 84"	2812	3375	12776	BA001-061284S3
6' x 16' x 49 1/2"	2018	2422	9168	BA001-061649S3
6' x 16' x 61 1/2"	2617	3141	11890	BA001-061661S3
6' x 16' x 73 1/2"	3216	3859	14608	BA001-061673S3
6' x 16' x 84"	3750	4499	17031	BA001-061684S3
6' x 20' x 49 1/2"	2523	3027	11458	BA001-062049S3
6' x 20' x 61 1/2"	3271	3926	14862	BA001-062061S3
6' x 20' x 73 1/2"	4020	4824	18261	BA001-062073S3
6' x 20' x 84"	4687	5624	21289	BA001-062084S3
6' x 24' x 49 1/2"	3027	3633	13753	BA001-062449S3
6' x 24' x 61 1/2"	3926	4711	17833	BA001-062461S3
6' x 24' x 73 1/2"	4824	5789	21914	BA001-062473S3
6' x 24' x 84"	5624	6749	25548	BA001-062484S3

7 1/2' WIDE	IMP. G	USG	LITRES	BRIGHT ANNEALED 304-BA
7 1/2' x 8' x 84"	2322	2786	10546	BA001-070884S3
7 1/2' x 12' x 66"	2641	3169	11996	BA001-071266S3
7 1/2' x 12' x 84"	3483	4179	15819	BA001-071284S3
7 1/2' x 16' x 66"	3521	4225	15993	BA001-071666S3
7 1/2' x 16' x 84"	4644	5573	21096	BA001-071684S3
7 1/2' x 20' x 66"	4401	5281	19991	BA001-072066S3
7 1/2' x 20' x 84"	5805	6966	26369	BA001-072084S3
7 1/2' x 24' x 66"	5281	6338	23992	BA001-072466S3
7 1/2' x 24' x 84"	6966	8359	31642	BA001-072484S3



WITH ITS EXPANDABLE DESIGN, OUR UPDATED RANGE OF R.O.'S WILL CONTINUALLY GIVE YOU MORE!

UPGRADE TO A HIGHER STANDARD IN NO TIME

Nowadays, R.O.'s are essential pieces of equipment for maple syrup producers in a world-class economy. By removing more than 50% to 95% of the water contained in the sap, the use of an R.O. results in substantial savings in the fuel used for evaporation.

The scalable construction of Lapierre R.O.'s mounted on a stainless steel frame allows components such as pumps and housings to be upgraded to optimize the performance of your equipment to achieve the desired throughput.

Lapierre's high efficiency recirculation design allows your R.O. to operate at a high Brix level throughout the day, without washing or rinsing the membranes (under recommended conditions).

By optimizing the capacity of our high-pressure pumps and choosing the right motors, we are proud to offer you the most energy-efficient range of high-performance R.O.'s on the market.

No other brand of R.O. has such a high resale value on the market.

UNMATCHED RELIABILITY AND SIMPLICITY

- Choice of 5 HP high pressure pumps of 10 or 20 GPM according to your needs
- Increased performance through an easy addition of membranes, high pressure pump, booster pump, etc.
- Wheeled system for effortless movement

INCLUDED WITH PURCHASE

- Stainless steel wash tank
- Membrane and storage canister
- 20" pre-filter and pre-filter protector
- Lubricant for sealing joints
- Connection pipe
- Membrane cap and adaptor
- Membrane soap

THE R.O. SPECIALIST

We are experts at customizing your R.O. to your specific needs.

Our proven expertise in maple syrup production enables us to optimize the performance of equipment from other manufacturers.

THE LOWEST ENERGY CONSUMPTION ON THE MARKET

Standard : 230 v / 1 phase

Available: 600 v / 3 phase / 208 / 230 3 phase

FOR EXAMPLE:

3000 SERIES 5 HP

2 membranes:: 42 AMPS

5000 SERIES

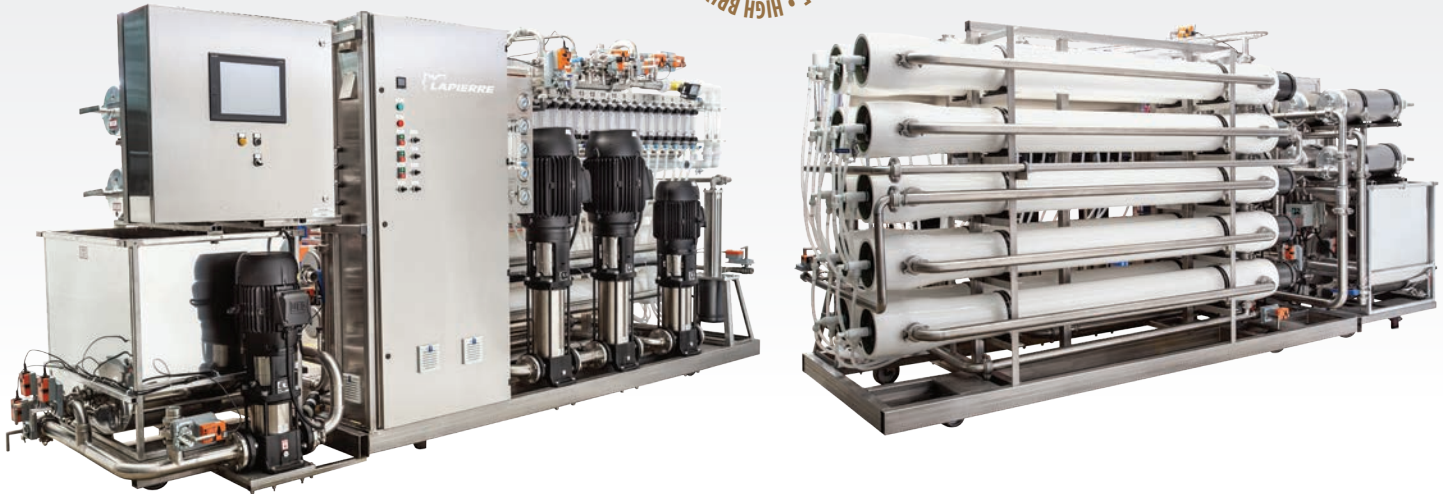
12 membranes: 131 AMPS



10000 SERIES

UP TO
30° BRIX

HIGH BRIX OPTION AVAILABLE • HIGH BRIX OPTION AVAILABLE



OUR INDUSTRIAL GRADE R.O. TOUGHER FOR BETTER PERFORMANCE!

Lapierre is proud to present the very first industrial grade R.O. developed with ingenuity and optimized for large-scale maple syrup operations. Unparalleled in durability and operating flexibility, the 10K Series, mounted on a solid frame and made entirely of stainless steel, has been designed to meet the most demanding maple syrup producers' performance requirements.

Powerful and compact, the horizontal configuration of the 10000 Series, as well as its all-stainless steel filter unit installed above the wash tank, greatly improves maintenance operations. For maximum efficiency, the 10000 Series allows up to 15 double membrane systems, for a total of 30 membranes. That's serious performance!

CONFIGURATIONS

- Up to 30 membranes in 15 double housings with 1.5 HP recirculation
- 1 feed pump with variable speed drive
- 2 high-pressure pumps with variable speed drive
- 1 to 3 booster pump(s) with variable speed drive
- Stainless steel sap filters with 6 cartridges for concentration
- Stainless steel sap filters with 6 cartridges for washing

AVAILABLE OPTIONS

- Stainless steel 10 gal flowmeter bracket
- Element, thermostat and water level control on wash tank
- Automation system

5000 SERIES

UP TO 30° BRIX
HIGH BRIX OPTION AVAILABLE



AN R.O. THAT KEEPS ITS PROMISES

The 5000 Series has proven itself to be the industry's highest performing equipment. A single pass for a concentration of 20 Brix or more makes it the system with the lowest power consumption rate in the industry. The 5000 Series is also built on a stainless steel frame and has a scalable design that can accommodate up to 12 membrane systems (6 single and 6 double for a total of 18 membranes) as well as all the pumps in a complementary configuration. High performance for days on end!

STANDARD CONFIGURATIONS

(UP TO 20° BRIX / 25° BRIX with a booster pump)

	15 HP / 9 MEMBRANES	15 HP / 12 MEMBRANES	20 HP / 15 MEMBRANES	25 HP / 18 MEMBRANES
Feed pump	Goulds 5 HP 2St	Goulds 5 HP 2St	Goulds 5 HP 2St	7.5 HP + variateur
High pressure pump	3 x 5 HP 20 GPM	3 x 5 HP 20 GPM	4 x 5 HP 20 GPM	5 x 5 HP 20 GPM
Simple vessel 3/4 HP	3	4	5	6
Double vessel 1 1/2 HP	3	4	5	6
Wash tank	3' x 3'	3' x 3'	3' x 4'	3' x 4'
Stainless steel water filter with 6 cartridges for concentration	2	3	4	4
Stainless steel water filter with 6 cartridges for washing	1	1	1	1

AVAILABLE OPTIONS

- Stainless steel rack for flowmeter 10GPM (9, 12, 15 or 18 kit)
- Element, thermostat and water level control on wash tank
- Automation system
- 1 or 2 booster pump(s)
- Wash pump

NEW

PRO SERIES

PERFORMANCE ON A LARGE SCALE

The **PRO SERIES** is the culmination of our extensive expertise in maple syrup production equipment engineering and full-scale field experimentation. The inquisitive and innovative nature of our R&D lab staff also plays a key role here. Clearly, the result is one of great astonishment. The majority of small and medium-sized maple syrup producers are won over by both the power and the effective Brix concentration of the PRO SERIES. In short, its practical and technical performance is definitely comparable to that of higher-capacity maple syrup equipment. **THE PRO SERIES IS PATENT PENDING.**



The **PRO SERIES** can only be described by these powerful words: **PERFORMANCE ON A LARGE SCALE.** Designed for sugar bushes with 2,000 to 20,000 taps, here's why the modest LAPIERRE PRO SERIES performs like the big boys:

- Ingenious design for superior performance
- Starting pressure over 700 psi with a single pressure level
- Sustained concentration up to 30 Brix degrees or more in a single operation
 - The AUTOBRIX valve controller ensures constant Brix degrees.
- Continuous output from 800 to 1,600 gph
- Choice of manual, remote, or automated control

POSSIBLE CONFIGURATIONS:

- 1 or 2 high-pressure 7.5 HP pumps with frequency converter
 - Maximum optimization of energy-efficient yields and membranes
 - 1 pump, 2 membranes: 50 amps on 120/240 volts, 1 phase
 - 2 pumps, 4 membranes: 90 amps on 120/240 volts, 1 phase
 - 2 to 4 membranes
- Flexible modular space configuration for the 2000 to 3000 Elite series



3000 SERIES

A little gem for producers with more than 3000 taps who are looking for performance and a concentration of 18 Brix or more. This is an R.O. mounted on a stainless steel frame with 5 hp-20 gal high pressure pumps and a scalable configuration allowing operation of up to 8 stainless steel housings. Raw power!

STANDARD CONFIGURATIONS (UP TO 20° BRIX)

MODEL TURBO	TURBO HP PUMP	FEED PUMP	SIMPLE VESSEL 8"	DOUBLE VESSEL 8"
TURBO 5 HP	1 x 5 HP (20 GPM)	2 HP Goulds	2	0
TURBO 10 HP	2 x 5 HP (20 GPM)	5 HP Goulds	4	0
TURBO 15 HP	3 x 5 HP (20 GPM)	5 HP Goulds	6	0

MODULAR CONFIGURATION WITH BOOSTER PUMP (UP TO 25° BRIX)

MODÈLE TURBO	TURBO HP PUMP	FEED PUMP	SIMPLE VESSEL 8"	DOUBLE VESSEL 8"
TURBO 10 HP	2 x 5 HP (20 GPM)	5 HP Goulds	2	2
TURBO 15 HP	3 x 5 HP (20 GPM)	5 HP Goulds	3	3

OPTIONS FOR THE 3000 AND 3000 ELITE SERIES

- Two 5 way quick connect valves for concentrate and filtrate
- Concentrate and filtrate valve panel (3000 only)
- Optional stainless steel feed pump cover and high pressure pump cover (3000 only)
- Continuous Brix reader or AUTOBRIX valve including continuous Brix reader
- Various sizes of rectangular stainless steel wash tank with filtration installed on the tank (3000 only)
- Element and thermostat on wash tank
- Magnetic box and water level control on wash tank
- Up to 8 recirculations
- Horizontal support for SS housings
- SS housing in polished stainless steel
- Filtrate sampler for ss housing
- Booster pump
- Flowmeter panel for filtrate with samplers
- Filtrate flowmeter 20 additional gallons
- Addition of pre-filters for concentration and washing
- Sap filter with fabric or 6 cartridges
- 35 gallon flowmeter

Many possible configurations when purchasing an R.O. with a 5 HP turbo pump.



Photo : 3K ELITE with modular membrane vessel rack

3000 ELITE SERIES

A new star is born. This newcomer to the Lapierre R.O. family stands out for its ingenious design and all stainless steel construction. The integrated wash tank allows for minimal plumbing, ease of operation and an unmatched look. High pressure pumps are controlled by VFD for a better control of the pressure and to optimize energy efficiency of the R.O.

Available with automated option,
3K ELITE



CONFIGURATION STANDARD (UP TO 20° BRUX)

MODEL ELITE	TURBO HP PUMP	FEED PUMP	SIMPLE VESSEL 8"	DOUBLE VESSEL 8"
ELITE 5 HP	1 x 5 HP (20 GPM)	2 HP Goulds	2	0
ELITE 10 HP	2 x 5 HP (20 GPM)	5 HP Goulds	4	0
ELITE 15 HP	3 x 5 HP (20 GPM)	5 HP Goulds	6	0

MODULAR CONFIGURATION WITH BOOSTER PUMP (UP TO 25° BRUX)

MODEL ELITE	TURBO HP PUMP	FEED PUMP	SIMPLE VESSEL 8"	DOUBLE VESSEL 8"
ELITE 10 HP	2 x 5 HP (20 GPM)	5 HP Goulds	2	2
ELITE 15 HP	3 x 5 HP (20 GPM)	5 HP Goulds	3	3

HYPERBRIX™ R.O. (UP TO 35° BRUX)



HYPERBRIX® R.O. Technology will save you time and energy. 2 Brix sap to 35 Brix concentrate in one single pass!

You have not seen everything yet in R.O. sap concentration technology! Lapierre's HYPERBRIX®, process can reduce the volume of water to be evaporated by 95%.

- Each HYPERBRIX® R.O. is paired with a HYPERBRIX® evaporator especially adapted for the task of cooking syrup from 35 Brix concentrate, with an emphasis on flavour development;
- The process developed by Lapierre retains all the elements present in the sap, resulting in uncompromising maple syrup;
- HYPERBRIX® technology is the solution for achieving the lowest maple syrup production cost.





3K, 5K AND 10K AUTOMATED SYSTEMS

Lapierre R.O.'s have been continually evolving for more than 30 years. With the most complete product family in the industry, we can meet the needs of the smallest producers all the way up to industrial maple syrup operations.

We are proud to introduce our brand new Lapierre R.O. automation system, designed to improve and simplify maple syrup production. You can control it remotely from anywhere on the planet! This provides optimal performance and simplifies its operation while providing live production data via the dashboard.

If necessary, this equipment can be operated in both automatic and manual modes.

- Access to the machine at all times via the Internet
- Concentrate and filtrate flows, continuous Brix level, operating pressures, maple filtrate and concentrate water reservoir levels, operating mode
- Automatic start according to the level of the sap tank level.
- Remote control of operations: concentration, washing, rinsing, desugaring, Pep, Brix levels, start/stop, etc.
- Alarms classified by importance and transmitted by email in real time
- 12-inch easy to use and user-friendly touch screen
- Automatic purging to facilitate feed pump start-up
- Automatic washing
- Automatic quick action valves
- Integrated WiFi and VPN routers
- Unique feature that toggles from automatic to manual mode at the touch of a button, allowing instrument operation and reading (pressures, flow rates and temperature) without using the controller.
- Multi-tank management option (allows management of filling and concentration up to 6 tanks of sap, concentrate or filtrate)

	AUTOMATED SYSTEM	MANUEL			AUTOMATED		
		SERIES	OPTION	REMOTE CONTROL	OPTION	SERIES	OPTION
VALVE MANAGEMENT	Control maple sap tank inlet			✓		✓	
	Control maple sap tank inlet (up to 6 tanks)						✓
	Control filtrate tank inlet			✓		✓	
	Control filtrate tank inlet (up to 6 tanks)						✓
	Control wash tank inlet		✓	✓		✓	
	Control Wash tank drain	✓		✓		✓	
	Control concentration valve	✓			✓		✓
	Control pressure valve	✓					
	Control all pressure levels					✓	
	Control concentrate outlet valve		✓	✓		✓	
	Control concentrate outlet valves (up to 6 tanks)						✓
	Control concentrate filtrate valve		✓	✓		✓	
	Control concentrate filtrate valves (up to 6 tanks)						✓
	Control outlet valve to wash tank		✓	✓		✓	
	Control outlet valve to wash filter				✓	✓	
	Control wash tank fill			✓		✓	
	Valve management for the second filtration bank						✓
Control maple water tank filling valves (up to 6 tanks)						✓	
ACCESSORIES	Inlet and/or outlet Brix reading		✓		✓		✓
	Digital reading of concentrate flow rate					✓	
	Digital reading of filtrate flow rate					✓	
	Reading concentrate detection at tank inlet						✓
	Display maple sap tank level			✓		✓	
	Display filtrate tank level					✓	
	Display concentrate tank level			✓		✓	
	Reading conductivity						✓
	Soap pump						✓
	Selector switch manual mode					✓	
	Digital reading all pressure levels					✓	
	PROCESS/ACTIONS	Brix control		✓		✓	
Rinse after washing				✓		✓	
Customized wash settings						✓	
Desugaring after concentration				✓		✓	
Repeating hot water loop						✓	
Preventive management of membrane clogging						✓	
Lower flow rate end of concentration with turbine management						✓	
Washing management in accordance with PEP and biological standards						✓	
Concentration start according maple sap tank level						✓	
Maple sap tank filling management							✓
Sending alarm or event messages						✓	
Concentration start progressive flow						✓	
Management 2 filtration banks							✓



2000 SERIES

The 2000 Series is the R.O. of choice for producers operating a sugar bush with more than 1000 taps. Built with a stainless steel frame, it can be mounted with a high pressure pump of 3 HP-5 GPM or 5 HP-10 GPM. It is also pre-wired to connect two membranes.

2000 SERIES

STANDARD CONFIGURATIONS (UP TO 20° BRIX)

MODEL	TURBO HP PUMP	FEED PUMP	MEMBRANE + SS BOX 4'	MEMBRANE + SS BOX 8"	TANK	PREFILTER
Turbo 3 HP	1 x 3 HP (5 GPM)	1/2 HP Goulds	1	-	R32	1
Turbo 3 HP	1 x 3 HP (5 GPM)	1/2 HP Goulds	2	-	R32	1
Turbo 5 HP	1 x 5 HP (10 GPM)	1 HP Goulds	-	1	R32	1
Turbo 5 HP	1 x 5 HP (10 GPM)	1 HP Goulds	-	2	R32	2

OPTIONS FOR 2000 SERIES 3 HP AND 5 HP

- 2 5-way quick-connect valves for concentrate and filtrate
- Concentrate and filtrate valve panel
- Optional stainless steel feed pump cover and high pressure pump cover
- Continuous Brix reader
- AUTOBRIX valve including continuous Brix reader
- Rectangular 29 gal stainless steel wash tank with filtration installed on the tank
- Element, thermostat and water level control on wash tank

OPTIONS FOR 2000 SERIES 5 HP ONLY

- Filtrate sampler for SS housing
- Flowmeter panel for filtrate with samplers
- Addition of pre-filters for concentration and washing
- Sap filter with fabric or 6 cartridges

Many possible configurations when purchasing an R.O. with a 5 HP turbo pump.



1000 SERIES

Designed for traditional production and smaller operations, our 1000 series R.O's with 1 or 2 vessels offers guaranteed joy for maple syrup producers. If the R.O. reduces the boiling time and the amount of wood used to produce maple syrup, the 1000 series captivates with its remarkable ease of operation.

This range is PURE CONCENTRATED JOY for all its users.

1000 SERIES

MODEL	TURBO HP PUMP	FEED PUMP	MEMBRANE + SS BOX 4"	TANK	PREFILTER	VALVE PANEL
100	1 x 2 HP	3/4 HP	1	Integrated	1	Optional
200	1 x 2 HP	3/4 HP	2	Integrated	1	Optional

PERFORMANCE

- 1 Vessel 250 to 750 Taps
- 2 Vessels 750 to 1,000 Taps
- Concentration Up to 8 Brix in optimal conditions

OPTIONS

- Stainless steel wash tank
- Expansion kit (2nd vessel)
- Preventive maintenance kit

ELECTRICAL COMPONENTS

- 3/4 HP feed pump
- Integrated 2 HP high pressure and recirculation pump
- Voltage: 240 volts; current: 16 amps

STAINLESS STEEL COMPONENTS

- Integrated frame and handles
- 4 in. (10.16 cm) vessel
- Pump vessels
- Piping

NEW

GLASS BEAD FILTRATION SYSTEM



The Lapierre glass bead filtration system offers a ultimate filtration experience to ensure the cleanliness of your maple sap. By using the recommended filtration media, our system can filter down to 3 microns, which is a superior filtration compared to standard concentrator filtration cartridges (5 microns). This means you can save greatly on disposable cartridges without compromising the quality of your sap.

The Lapierre filtration system is easy to maintain with its backwash cleaning process. Furthermore, with its minimal maintenance, you can be sure that your system will function optimally for many years. Our system stands out with its food-grade stainless steel feed, control valves and tank. Additionally, the drain is equipped with a strainer for effective drainage without losing the beads.

It is important to note that this system does not replace cartridges on the RO, which are the final protection for the membranes in case of filtration issues at the bead filter level.

SAP FILTER	CODE
SS sap filter with glass beads 500 (30 gpm), glass beads not included (65 kg)	FE005-500001SS
SS sap filter with glass beads 700 (60 gpm), glass beads not included (170 kg)	FE005-700001SS
SS sap filter with glass beads 1000 (120 gpm), glass beads not included (570 kg)	FE005-100001SS
SS sap filter kit with glass beads 700 (60 gpm) with Goulds pump 5 HP 3 ST 240 V	FE005-02X700SS

24" LAPIERRE SAP FILTER WITH 6 PRE-FILTERS 40 gal capacity (pre-filtered water) 20 gal capacity (non-pre-filtered water) / max. 75 PSI	CODE
Complete sap filter 1" inlet	FE002-240616XX
Complete sap filter 1 1/4" inlet	FE002-240620XX
Complete sap filter 1 1/2" inlet	FE002-240624XX
Complete sap filter SS 1 1/2" inlet	FE004-240624KT

Uses the same pre-filters as the blue housing.

LAPIERRE SAP FILTER ALSO

available with stainless housing



24" LAPIERRE cloth SAP FILTER 15 GAL / MAX. CAPACITY 75 PSI	CODE
Complete sap filter 1" inlet, 2 filter cloths included.	FE001-000016XX
Complete sap filter 1 1/4" inlet	FE001-000020XX
Complete sap filter 1 1/2" inlet	FE001-000024XX
5 micron filter cloth (1)	DV400-002401XX
1 micron filter cloth (1)	DV400-012401XX

FILTRANT MEDIA	CODE
AFM pre-mixed grade 1 & 2 10.05 kg (42 lbs)	FE205-501502XX

GLASS PUMP OPTION	CODE
2 HP or 5 HP, 240 V (connection not included)	FE405-000001KT
5 HP, 204 V, 1 phase, 3 positions selector (connection not included)	FE405-000002KT



MODULAR MEMBRANE VESSEL RACK

This flexible design allows multiple configuration. It can accommodate single or double membrane vessels, multi filtration units, booster pumps and even flowmeters for each membrane. The combination of single and double membranes housing, combined to a booster pump allows a higher concentration while maintaining exceptional performance.

5000 series technology is now available on smaller Lapierre R.O.'s



2500 OR 3500 OPTION

More compact with Horizontal membrane vessels

More compact and requiring less space, our 2500/3500 version is available with the 2000 and 3000 Series R.O.'s. The horizontal configuration of the stainless steel vessels on the rack allows quick and easy handling of the membranes at the beginning and end of the season.

*Not available on the 3 HP model



STAINLESS STEEL WASH TANK	CODE
12" x 30" x 36", 36 USG	CN006-123036S3KT
Sap filter rack (30" tank)	CN427-000003A1
Blue housing rack (30" tank)	CN426-000003A1
12" x 36" x 36", 43 USG	CN006-123636S3KT
Sap filter rack (36" tank)	CN427-000004A1
Blue housing rack (36" tank)	CN426-000004A1
24" x 36" x 36", 84 USG	CN006-243636S3KT
Sap filter rack (36" tank)	CN427-000004A1
Blue housing rack 70 gal (36" tank)	CN426-000005A1
24" x 48" x 36", 108 USG	CN006-244836S3KT
18" x 48" x 36", 84 USG	CN006-184836S3KT
Sap filter rack (48" tank)	CN427-000006A1
Blue housing rack (48" tank)	CN426-000006A1

WASH TANK OPTIONS	CODE
3000 W element	CN415-003000S4
3000 W element and thermostat with stainless steel well	CN005-000001XX
Safety system for heating element (magnetic box and water level control)	CN005-000002S4
Blue box for washing	CN005-000003S4
SS well for temperature control	EL830-010001SS

Various capacities are available depending on the quantity of housings: from 2 HP 20 GPM to 10 HP 100 GPM. Sold with variable speed control for optimal pressure adjustment. Please contact your Lapierre representative for more information.

R.O. BOOSTER PUMP

The booster pump will significantly increase your R.O.'s performance. This pump is installed on the R.O. circuit and is intended to increase operating pressure, total flow rate and Brix level. It is recommended for use on R.O.'s with 3 or more housings. Ask your representative to choose the right model for your machine.

PRESSURE GAUGES GLYCERINE 2,5"	CODE
0-100 lb SS, connexion 1/4"	DV206-010040S6L
0-100 lb brass lead free, 1/4"	DV206-010040SPL
0-400 lb connexion, SS 1/4"	DV206-040040S6L
0-600 lb SS, connexion 1/4"	DV206-060040S6L
0-600 lb brass lead free, 1/4"	DV206-060040SPL
0-30 lbs brass lead free, 1/4"	DV206-003040SPL
0-1000 lbs brass lead free, 1/4"	DV206-100040SPL



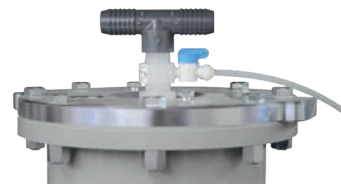
PRESSURE GAUGES DRY 4"	CODE
0-1000 lb SS, connexion 1/4"	DV264-100072S6L
0-1000 lb Brass lead free, 1/4"	DV206-100040S6L

REVERSE OSMOSIS MEMBRANE

4 INCH MEMBRANE	CODE
ESPA4-4040, 4" X 40"	CN034-000440XX

MEMBRANE 8 POUCES (MAX. 800PSI)	CODE
HYDRAPRO 102, 8" X 40"	CN033-000840XX
HB2535, 8" X 40"	CN027-000840XX

8 INCH MEMBRANE (MAX. 600PSI)	CODE
ESPA4, 8" X 40"	CN034-000840XX



FILTRATE SAMPLER	CODE
3/4" MPT x 3/4" MPT for Lapierre housing	CN410-000001XX
1/2" FPT x 1/2" MPT for Seprotech housing	CN410-000002XX

Several models can accommodate the housings of other brands.

STORAGE TANK	CODE
4" x 40"	CN002-000440XX
8" x 40"	CN002-000840NX

MEMBRANE CLEANING SERVICE

For more than 35 years, Lapierre Equipment has specialized in post-sugar season servicing of your membranes.

Our cleaning service is available to all customers using membranes, regardless of the make and model of their R.O. We pick up and deliver your membrane.

All products used for washing and storage are approved for use by organic sugar bushes. Since we are always looking to improve our customer service, tests are performed on all membranes sent to us for cleaning:

- A sugar test before cleaning
- A performance test before and after cleaning

These tests are provided completely free of charge when you send your membrane for cleaning. In addition, we are available for membrane repairs:

- Damaged fibreglass
- Broken or loose plastic washer



MEMBRANE CLEANING SERVICE	CODE
4" or 8" performance and sugar test	CN401-000000XX
4" performance and sugar test + cleaning	CN401-000401XX
8" performance and sugar test + cleaning	CN401-000801XX

AUTOBRIX VALVE CONTROLLER

The AUTOBRIX valve controller ensures that you get a constant value from the Brix level to your R.O.'s output. Combined with a precise Brix reader, the controller will modulate the opening of the concentrate valve using a highly efficient algorithm.

The constant level of the Brix being targeted optimizes the performance of the evaporator and reduces its consumption and evaporation time. No need for an operator to stand in front of the R.O. constantly to monitor and adjust the opening of the concentrate valve.

- Can be installed on all Lapiere R.O. models as well as all other manufacturers' models;
- Stable and accurate Brix level at the R.O. outlet;
- The AUTOBRIX valve controller can accept data from most Brix drives continuously.



A



B



C



D

AUTOBRIX VALVE WITHOUT MOUNTING ON CABINET	CODE
AutoBrix valve 3/8" compression low flow	CN175-000406CX
AutoBrix valve 3/8" compression high flow	CN175-000606CX

MOUNTING FOR AUTOBRIX VALVE LOW OR HIGH FLOW	CODE
On cabinet on R.O. 2000, 3000 & 3500	CN375-300006KT
On cabinet on R.O. 5000	CN375-500006KT

MOUNTING FOR BRIX READER	CODE
Continuous Brix reader 0-40 mounted on 2000 & 3000 R.O.	CN076-300040KT
Continuous Brix reader 0-40 mounted on 5000 R.O.	CN076-500040KT
Brix reader 0-80 mounted on R.O. 3000	DV375-300080KT
Brix reader 0-80 mounted on R.O. 5000	DV375-500080KT

BRIX READER	CODE
A - Continuous Brix reader 0-80	DV176-000080XX

DIGITAL REFRACTOMETER	CODE
B - Atago digital 0-85 Brix	DV013-000085XX
C - Misco digital 0-85 Brix	DV022-000085XX

REFRACTOMETER	CODE
LED backlit 0-32 Brix sap and high concentrate)	DV014-000032XX
LED backlit 45-82 Brix (syrup)	DV014-004582XX

CONDUCTIVIMETER	CODE
D - Conductivimeter Hanna HI98308 (5 programmable scale)	DV021-098308XX

HYDRO FORCE X^{HP}

Lapierre
Equipment



**TECHNOLOGY
AND PERFORMANCE**



HYDRO FORCE

XP

Lapierre
Equipment

NEW

EXTRA PERFORMANCE HIGH-PRESSURE STEAM EVAPORATOR

THE COMFORT OF THE LAPIERRE EVAPORATION EXPERIENCE

The next generation of maple syrup producers is very curious. Just like us.

It has reason to be amazed today, because the maple industry is under high pressure with Lapierre's line of fully automated extra performance evaporators. And quite rightly, we've called it **HydroForce XP**.

The key strength of this range is the ingenious use of the **SUPER POWER** of **HIGH-PRESSURE STEAM** to **TRULY** make **PRODUCTION EASIER**. You'll be blown away by the comfort of the Lapierre evaporation experience, which has been significantly improved in several respects, as well as by the clearly convincing results.

However, it's our know-how that has pushed the task of maple syrup evaporation even further and improved it with respect to the use of this technology, which has been mastered for over two centuries. Pure Lapierre genius, designed for maple syrup producers like you who **SEE BEYOND** and **THINK DIFFERENTLY**. Just like us.

HYDRO FORCE **XP** THE COMFORT OF THE LAPIERRE EVAPORATION EXPERIENCE.

REASON 1 HIGH-PERFORMANCE

- Noticeably superior evaporation power
 - The force exerted by the high-pressure steam is extremely powerful and efficient
- ✓ *Less time, less effort*

REASON 2 FULLY AUTOMATED

- Extremely easy to operate
- ✓ *Less time, less effort*

REASON 3 EASY TO CLEAN

- Automated washing
 - The coils are very easy to remove and reinstall if necessary
- ✓ *Less time, less effort*

REASON 4 STARTUP AND SHUTDOWN SPEED

- Complete startup in as little as 5 minutes
 - Instant shutdown
- ✓ *Less time, less effort*

REASON 5 NO PAN CLEANING

- The high-pressure steam does not burn the pans
 - No formation of sugar stones
- ✓ *Less time, less effort*

REASON 6 NO MAINTENANCE ON THE EVAPORATOR

- No maintenance for 10 to 15 years
 - No coils, pans, or parts to be replaced
 - Minor maintenance on the boiler
- ✓ *Less time, less effort, lower costs*

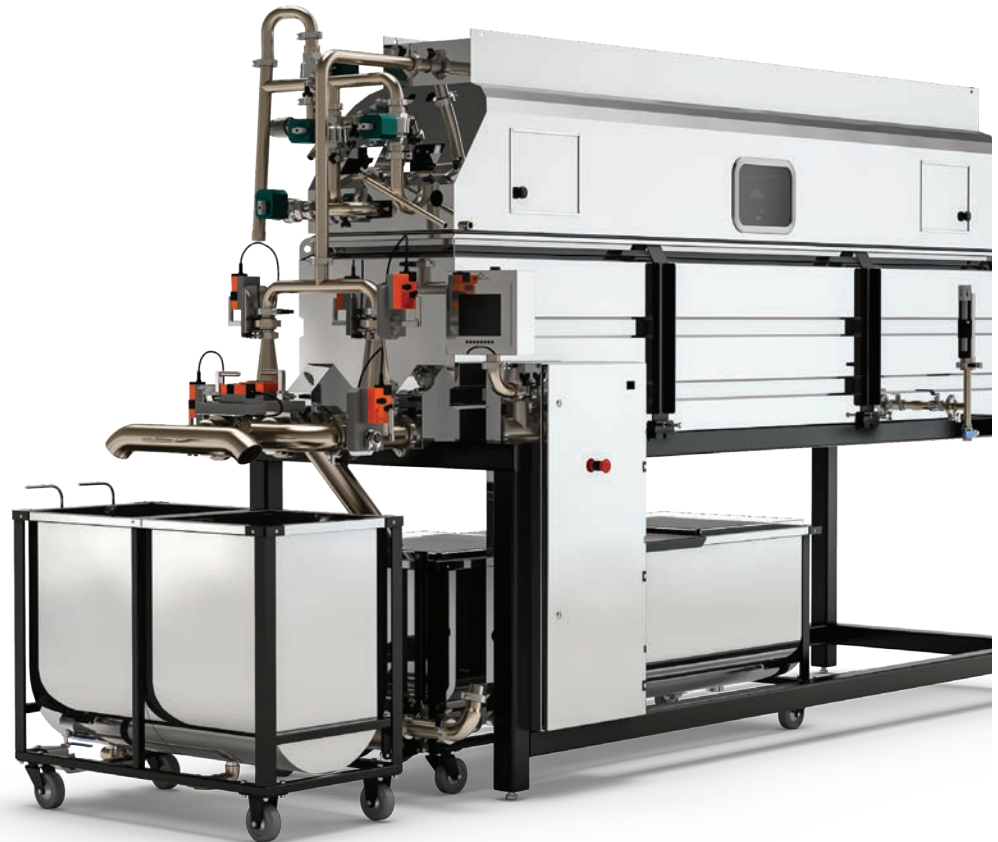
REASON 7 UNIFORM BOILING

REASON 8 STABLE SYRUP TASTE

REASON 9 USABLE AT ALL DEGREES BRIX

REASON 10 ASME-CERTIFIED COILS

- ASME certification is mandatory in Canada and some US states.
- This certification greatly reduces the risk of:
 - coil explosions and leaks,
 - indeed, high-pressure steam represents a real hazard for the user, as well as nearby people and animals,
 - equipment breakage,
 - delays and lost production time.



CANADA | HydroForce XP is registered by Lapierre in Canada and complies with the codes for pressure accessories manufactured in Canada (NEC / CRN).

HydroForce XP requires the installation of a high-pressure steam boiler and piping between the boiler and the evaporator to supply the latter with energy. The boiler and the piping are provided by third parties.



OFFERED FROM

- 2 1/2' x 8' to 6' x 18'
- Super heavy duty arch frame structure.

**F5
TURBO**



THE WOOD COMBUSTION REFERENCE IS GETTING BETTER ALL THE TIME

- The Force 5 has a unique heat exchanger system;
- No smoke, soot or creosote;
- No sparks or embers out of the stack;
- Wood is the least expensive combustible available;
- Excellent insulation (no heat loss on the sides);
- Heat is spreaded uniformly to eliminate hot spots;
- No hot spots means less niter build up;
- Complete control of evaporation intensity.
- Optiflam option available

The time between recharges is particularly long on a FORCE 5 controlled combustion furnace. (it varies depending on the reality of each operator).

The Force 5 TURBO is the fusion between the best combustion controlled FIRED wood arch and the Lapierre-Waterloo-Small designed fire tube double pass Turbo pan. A combination that makes evaporating with wood FUEL even more efficient and economica!



SUPER HEAVY DUTY CONSTRUCTION

Syrup pan	Ends	20 ga
	Sides	22 ga
Flue pan	Walls	18 ga
	Flues	20 ga
Hood	Ends	20 ga
	Sides	22 ga

SUPER HEAVY DUTY ARCH FRAME STRUCTURE.

Force 5 users are pleased with how the heat distribution and its intensity under the pans enhances maple flavor.

Force 5 reaches very high furnace temperatures while maintaining low exhaust values, demonstrating how efficiently it uses energy.



STANDARD FEATURES

- Door is covered with stainless steel on the outside and insulated with high temperature ceramic wool on the inside;
- Clean out doors front and rear;
- Control cabinet can be positioned on either side of the arch;
- Factory installed high temperature brick and insulation.

EVAPORATORS CONFIGURED FOR 50/50 MORE SYRUP AND MORE FLAVOUR!

OPTIMAL CONFIGURATION FOR A 15 TO 30 BRIX CONCENTRATION

Impressively easy to use, the 50/50 configuration evaporators have flat pans of equivalent length to the surface of the flue or tube pans. The optimum configuration to enhance flavour development while saving fuel.

The 50/50 configuration evaporators, combined with a Lapierre R.O., enable a concentrate to evaporate from 15 to 30 Brix, thus allowing a greater amount of syrup to be produced per hour. The ideal choice for medium and large sugar bushes.

The 50/50 configuration is available on our Turbo 3 and Volcano 2000 Series oil fired evaporator as well as on the Force 5 and Fusion wood fired evaporator. Several sizes are available. Ask your maple syrup advisor for more information.

Results of tests carried out with producers in spring 2020

- Equipment: Turbo 3 6' x 20'
- Concentrated: 23,5 Brix
- Average oil consumption: 0.15 gallons per 1 gallon of syrup
- Average production: 6.3 barrels per hour
211 imperial gallons
253 us gallons per hour



A BEAST WITH A GREAT DESIGN

A new high-performance grind based on an ingenious design using the proven technologies of our range of wood-fired Hurricane evaporators. A perfect blend of power and performance for a greater volume of quality syrup.

The FUSION X2 offers above all an improved design, such as the walls of the combustion chamber for more efficient thermal performance. A variable speed air injection and diffusion system provides high operating stability as well as constant uniformity in thermal transfer.

- Available from 2 1/2' x 8' to 6' x 16'
- Available in 50/50 configuration

FUSION X²



OPTIFLAM^{MD}
combustion controller

AVAILABLE
WITH OPTIFLAM

THE FUSION OF INNOVATION COMBINING PERFORMANCE AND NATURE

BENEFITS

- Very high evaporation performance
- Thermal efficiency and fuel economy
- Ease of operation in the range of 1300 to 1900°F
- More eco-friendly due to its high-performance combustion chamber
- Large combustion chamber capacity, over 300 lbs. of dry wood

SPECIFICATIONS

- Variable speed fan control
- Temperature sensor set and digital display
- Loading door: stainless steel exterior cladding and high temperature ceramic wool insulation
- Factory-installed concrete slabs and refractory cement furnace

OUR CLASSIC OIL EVAPORATOR: THE VOLCANO 2000



OFFERED FROM

- 2 1/2' x 8' à 6' x 16'

Available with Riello variable intensity or Carlin burners.

The Volcano 2000 is one of a kind, it is a machine made with the highest quality standards.

All controls and instruments are easily accessible in the front panel.

The low profile of the furnace allows you to see what is happening inside your syrup pans.

SPECIFICATIONS

- Exterior is completely 304 stainless steel;
- Control switch (high+low), fire on 701 and 801 burners;
- Oil pressure gauge;
- Key type ignition for start up, with security lock;
- In-operation hour meter;
- Port hole allows you to see the flame;
- Junction box allows for a quick and easy hook up of the burners;
- Insulated burner cover to reduce noise;
- Electric plug for thermoregulator and other uses;

HYPER BRIX®
ÉVAPORATION

HYPERBRIX® version available

Featuring the same high-performance evaporator with a configuration of pans enabling efficient and economical evaporation of the concentrate at a very high Brix, while preserving the sensory qualities of maple syrup.

A SUPERIOR EVAPORATION CAPACITY WITH LESS FUEL, FEATURING:

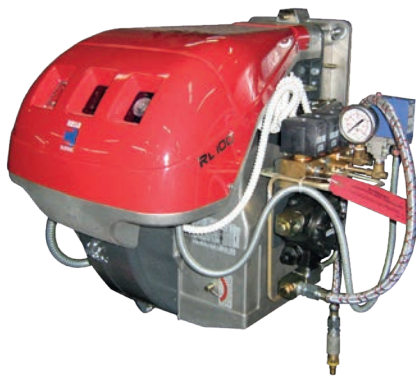


- Double pass for much greater heat transfer under the tube pan;
- Fire tubes are 30% bigger for extreme heat absorption by the pans;
- Slows gas flow for better heat transfer resulting in superior evaporation rate;
- 4 finishing pans design for high concentration and flavour enhancement;
- Fully adjustable boiling intensity;
- Silent operation.



RIELLO BURNERS

The TURBO 3rd Generation evaporators comes with modulating RIELLO burners. Burner modulations allow heat release control to be adapted to the maple concentrate condition.



Uses less than 1/7 gallon of oil to make one gallon of syrup (at 24 Brix)

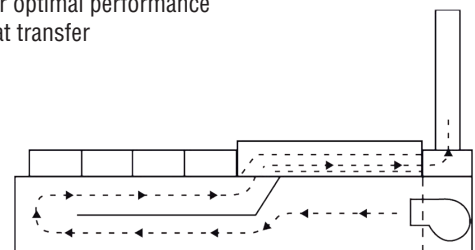
OFFERED FROM

- 2-1/2' x 12' to 6' x 22'

FEATURES

- High energy efficiency;
- Unique flame pattern;
- Heat can vary from 20 % to 100 %;
- Environment oriented european technology;
- The most economical burner on the market;
- Propane and natural gaz also available

9" fire tubes for optimal performance and greater heat transfer



HIGH PERFORMANCE TURBO+ PAN



INNOVATIVE ENERGY PERFORMANCE

At **LAPIERRE**, innovation has often made the difference. This time is no exception. It is now possible to easily increase your boiling capacity by 15% and reduce your energy consumption by 10%*. That's what we really call killing two birds with one stone.

Innovative by nature, **LAPIERRE EQUIPMENT** offers its brand new high-performance TURBO+ pan. Would you believe that the simple use of round tubes, instead of diamond ones, can make such a difference in efficiency? Yes, because it simply increases the heat transfer surface in a pan of the same dimensions.

So, if you have a Turbo 3 or F5 Turbo evaporator, it is possible to upgrade directly from a Turbo boiling pan to a **high performance TURBO+ pan** without modifying your evaporator. These pans are available in all sizes for these evaporators.

*Results obtained from a test performed on a Turbo 3 evaporator, dimensions 6 x 16 ft., having a 50/50 pan configuration.

BOILING CAPACITY	15% increase
ENERGY CONSUMPTION	10% reduction
COMPATIBLE MODELS without any modification	Turbo 3 and F5 Turbo
AUTOMATED PAN WASHER	Compatible

WHY DOES THIS INNOVATION MAKE A DIFFERENCE IN YOUR LIFE AS A MAPLE SYRUP PRODUCER?

Because your evaporator is 10% more efficient; because it uses 10% less energy to produce the same gallon of syrup; because you make 10% more syrup with the same amount of energy; because you make 10% more syrup in an hour or in a day; in fact, no matter how you look at it... you are making 10% more.

PATENT PENDING



TESTIMONIAL

**STÉPHANE VERVILLE, OURAGAN F5 TURBO,
DIMENSIONS DE 6 X 16 PI, CONFIGURATION
DE 50/50**

Here are the first impressions of Stéphane Verville, owner of Passion agricole in Saint-Christophe-d'Arthabaska, Quebec: "Compared to the standard tubes pan, the TURBO+ gives us a very different boiling pattern. The distribution is much more even and the boiling is less aggressive, which reduces the use of antifoam."

Mr. Verville also brings some interesting findings to the use of round tubes for the TURBO+ rather than square ones: "It is surprising to see how much less solid deposits accumulate on round tubes. The expansion and contraction caused by the cold and heat naturally loosens the Sugar sand that have accumulated on the round tubes, which then fall off and go into the decanter. This reduces the need for acids and also reduces the time needed to clean the system. Finally, the superior heat exchange brings an appreciable increase in evaporation."

THE CLASSIC



Picture shows
2' x 6'

AVAILABLE SIZES

- 2' x 6'
- 2' x 8'
- 2' x 10'

AVAILABLE OPTION

- Pan covers

SPECIFICATIONS

- 7" raised flues;
- Arch: cast iron front, stainless sides;
- 20 g. walls, 22 g. flues #304 stainless;
- Smoke stack included
(2 x length of the evaporator including base pipe);
- Cold and hot float boxes;
- Stainless heavy duty interconnections;
- Draw off ball valve included;
- Fire bricks and insulation kit not included.

THE BARREL AND BARREL +

These hobby evaporators with a flat bottom pan are designed for those who want to have fun while making maple syrup for their own use. Less efficient compared to a larger evaporator, we recommend using a finisher.



AVAILABLE SIZES

- 24" x 36" (20 to 50 taps)
- 24" x 48" (50 to 75 taps)

SPECIFICATIONS

- 22 g. #304 stainless flat bottom pan, 3 compartments;
- Arch: 16 gauge steel;
- Includes 90 deg 6" elbow for chimney;
- #304 stainless pre-heater pan, 9" x 22";
- 3/4" draw off ball valve included;
- Fire bricks not included.



PROPANE EVAPORATOR

AVAILABLE SIZES

- 16" x 48" (10 to 30 taps)

SPECIFICATIONS

- Gas stove with three 65 000 BTU burners;
- 16" x 32" flue pan (4" flues) with float box;
- 16" x 16" syrup pan with float box;
- Propane tank not included (For outside use only).



FOR OPTIMAL EFFICIENCY & MINIMAL WOOD CONSUMPTION

OPTIFLAM is an automated system for supporting the thermodynamic properties of the evaporator combustion chamber to optimize heat using a minimum amount of fuel.

- Measures various operating conditions to determine the best evaporator operating conditions.
- Adjusts fan speed continuously to maintain the temperature set by the operator.

TOUCH SCREEN DISPLAY

OPTIFLAM is equipped with an easy-to-use 7.5 inch (19.5 cm) touch screen to access the various functions of the combustion manager.

Combustion statistics on the evaporator combustion settings are compiled and displayed on the screen:

- The operating time.
- The average temperature maintained.
- The time between reloads
- The time required to recharge.
- Temperature set by the operator

OPTIFLAM^{MD}

combustion controller

CONTROLLER

Optiflam automated combustion controller

CODE

FF200-000001XX

BENEFITS

- The OPTIFLAM provides automated operation of your evaporator in order to maintain optimal and constant heat without any need for assistance on your part.
- The operator's only involvement is putting wood into the combustion chamber when indicated on the display.
- This minimizes flow interruptions and improves syrup quality.
- Allows control over the amount of fuel used.

3 OPERATING MODES

Automatic mode

- OPTIFLAM manages the evaporator.
- Adjusts fan speeds.
- Detects when wood needs to be added.
- Alerts the operator for reloading.
- Manages the fans during reloading.
- Monitors combustion and stops the fans at the end of production.

Manual mode

The operator controls the fan speed directly, as with a standard d'Hurricane, but from the control screen.

Mechanical mode

The operator controls the fan speed directly, as with a standard forced air evaporator, using rheostats, but from the control box.

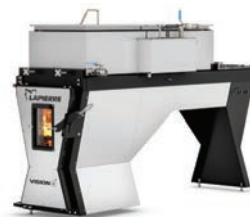
Integrates with lapierre forced air - wood fired evaporator on existing or brand new devices



Fire and performance for hobby and small business operations.



WOOD FIRED EVAPORATORS EXCEPTIONAL VISION



VISION

EXCEPTIONAL VISION

This line of evaporators offers you exceptional vision:

- With a full size airtight door and air cooled for a better efficiency
- Of the inside of the arch for an unprecedented feel in your Sugar Shack
- With its classic, sleek design and state-of-the-art technology
- Thanks to its newly-engineered combustion chamber

Our VISION line is designed for hobby or smaller sugar makers or those without electricity. It offers producers high performance, high efficiency and amazing ease of operation.

OUR NEW AIRTIGHT COMBUSTION CHAMBER IS THE CORE OF OUR PERFORMANCE

LARGE ARCH CAPACITY:

- Reduces the number of refills per hour

AIRTIGHTNESS ACHIEVED BY:

- With fully gasketed door as well as gasketing between the arch and pans.
- An optional seal between each pan

AIRTIGHTNESS FOR:

- Faster start-up
- Better burn rate control
- Less cold air ingress for increased performance
- Performance equal to or better than current models of the same capacity
- Less fuel

ENERGY EFFICIENT TO:

- Significantly reduce heat loss and energy consumption
- Optimize the amount of energy used for syrup production

PRACTICAL FEATURES FOR AN INFORMED DECISION:

- Enclosed ash box allows for installation on any surface
- Adjustable legs for multiple height options and ease of leveling
- “Comfortable” working height, even for small models
- Single door giving access to the arch and ash box
- Stainless steel ultra-chic design
- Easy to clean
- Cooled arch door handle
- Oil option available

VISION 18 & 24 in EVAPORATORS WITH INNOVATIVE DRAW-OFF PANS:

- Perfect for beginners and intermediates
- Remarkable boiling distribution
- One single control level – or float – rather than two



CHOICE OF LINES:

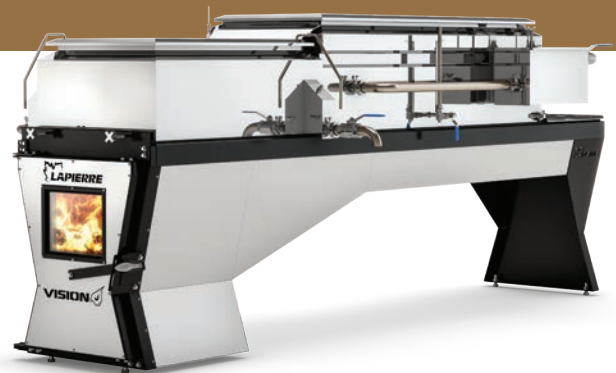
The VISION line offers you several possibilities regarding the equipment included with your evaporator.

From the basic model to the top of the line, each of them has what it takes to produce high quality maple syrup.

DIMENSIONS :

18 x 48 in*	24 x 120 in
18 x 60 in*	30 x 120 in
24 x 72 in*	36 x 120 in
24 x 96 in	36 x 144 in

Patent pending



Two-year limited warranty on parts and labor

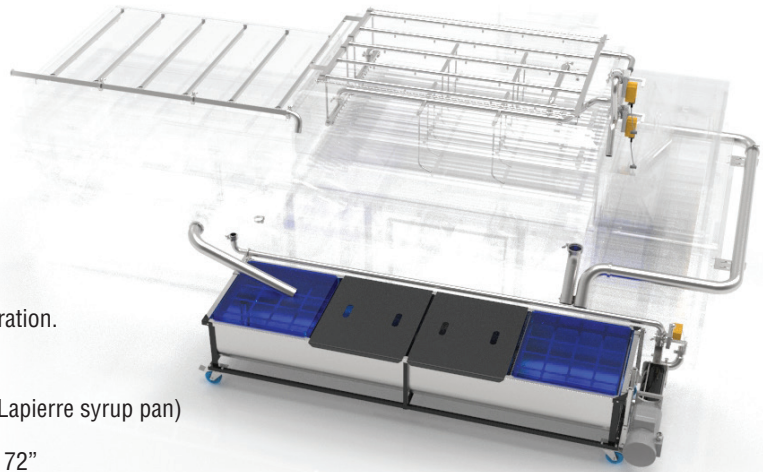
*Available dimensions for innovative draw-off pans.

HIGH PRESSURE PAN WASHER

THE NATURAL SOLUTION TO SAVE TIME AND CLEANING PRODUCTS

This system provides continuous, non-contact washing to remove stubborn stains

- For both flue and syrup pans
- 5 HP recirculation pump
- Entirely made of stainless steel
- 5 or 6 Belimo valves depending on the size of the evaporator
- Use in automated and sequential mode or in manual mode
- Up to 5 programmable washing sequences
- Tank with filtration screen, splash-proof Lexan and non-slip metal plate used as a step



SYRUP PAN OPTION

Stainless steel tube with nozzles that can remain in place during operation.
 Splash proof Lexan cover

RECESSED COVERS WITH SPRINKLERS (Lapierre syrup pan)

Available from 2 to 9 sprinklers for syrup pans 18" x 36" up to 72" x 72"

For pans other than Lapierre, you must provide internal dimensions and contact us for details

PAN WASHERS FOR RECESSED COVERS WITH SPRINKLERS	CODE
Complete pan washer 24" reservoir	EV051-000024XX
Complete pan washer 48" reservoir	EV052-000048XX
Complete pan washer 72" reservoir	EV053-000072XX

RECESSED COVER WITH SPRINKLERS (LAPIERRE PAN)	CODE
Cover 2 sprinklers for pan 30" x 18"	EV050-023018XX
Cover 2 sprinklers for pan 30" x 18"	EV050-023618XX
Cover 2 sprinklers for pan 36" x 20"	EV050-023620XX
Cover 2 sprinklers for pan 36" x 24"	EV050-023624XX
Cover 2 sprinklers for pan 42" x 18"	EV050-024218XX
Cover 2 sprinklers for pan 42" x 20"	EV050-024220XX
Cover 2 sprinklers for pan 42" x 24"	EV050-024224XX
Cover 2 sprinklers for pan 48" x 20"	EV050-024820XX
Cover 2 sprinklers for pan 48" x 24"	EV050-024824XX
Cover 3 sprinklers for pan 60" x 18"	EV050-036018XX
Cover 3 sprinklers for pan 60" x 24"	EV050-036024XX
Cover 3 sprinklers for pan 72" x 24"	EV050-037224XX
Cover 4 sprinklers for pan 48" x 48"	EV050-044848XX
Cover 6 sprinklers for pan 48" x 72"	EV050-064872XX
Cover 6 sprinklers for pan 60" x 48"	EV050-066048XX
Cover 6 sprinklers for pan 72" x 48"	EV050-067248XX
Cover 9 sprinklers for pan 60" x 60"	EV050-096060XX
Cover 9 sprinklers for pan 72" x 72"	EV050-097272XX

All tanks include 1 Goulds pump and 1 filter:

For 24" and 48" tanks =
 1/2 HP pump;

For 72" tank =
 1 HP pump.

Cover not included.



OPTIONS	CODE
Auto-Stop by pressure	EL049-281102XX
Stainless steel sprinkler only with acetal adaptor	EV250-000000XX
Filter only 1 1/2"	EV250-000002XX

REVERSE FLOW KIT

Allows you to draw syrup all day without changing your cross flow pans.

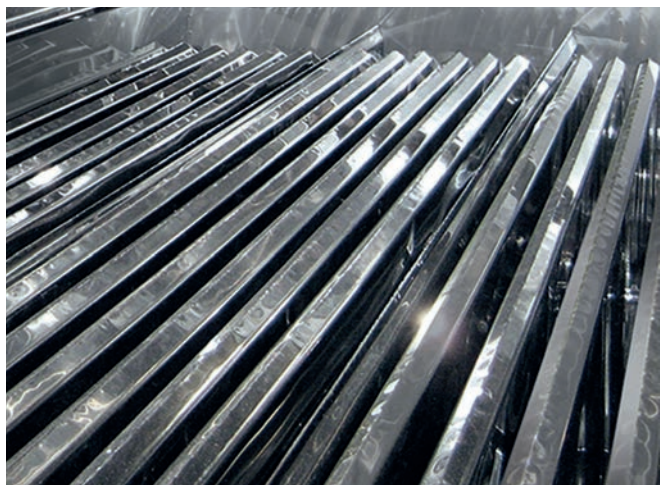
Fits wood or oil evaporators. Includes: ball valves and fittings to connect “HOT” float box to rear and front inlets. You will be ready to draw syrup in less than 5 minutes (requires 3 to 4 syrup pan configuration). Optional: all stainless steel ball valves.

CENTRAL DRAW-OFF KIT

Allows you to draw syrup without moving the syrup tank when using the draw-off inversion kit.

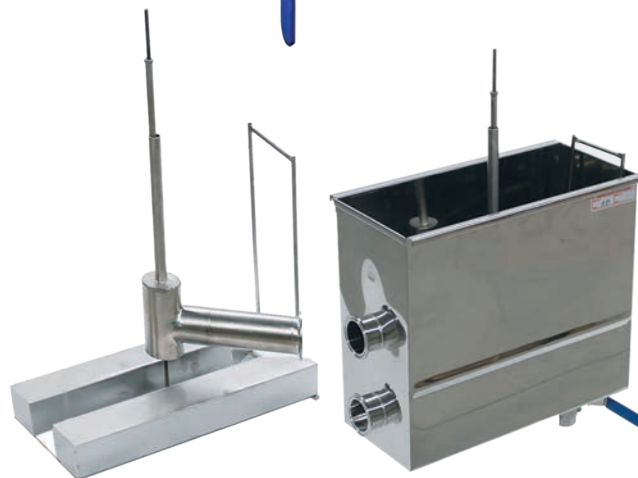
2” SIGHT LEVEL

This sight level makes reading much easier and accurate than ever before. Available for syrup and flue pans.



7” AND 9” HIGH DIAMOND POINT FLUES

Made with 304BA (Bright annealed) SS and available on Force 5, Fusion and Volcano 2000, the new diamond point flues will make your flue pan easier to clean.



DIRECT ACTION FLOAT BOXES

Direct action float boxes for accurate and fast sap transfer and precise pan level control.



6 COMPARTMENT SYRUP PAN WITH BUILT IN REVERSE FLOW KIT AND CENTRAL DRAW-OFF KIT

This pan evaporator by replacing 3 to 4 syrup pans, by saving on stainless. The central draw-off allows you to draw syrup without moving the syrup tank when using the draw-off inversion kit.

SAFETY,
it's a family affair!

**NOW OFFERING
HIGH QUALITY
CHIMNEY
SOLUTIONS**

**DID YOU KNOW THAT
A FAULTY CHIMNEY
INSTALLATION MAY CAUSE A FIRE?**

Your single wall chimney must;

- Provide 24 inches clearance to a combustible wall.
- Provide 18 inches clearances to any combustible material.
- Stack termination must be 10ft higher than any obstacle in a 20ft radius



**LAPIERRE EQUIPMENTS IS NOW OFFERING
A DOUBLE WALL INSULATED LISTED CHIMNEY**

- UL103HT listed chimney.
- Specifically designed for the Maple Industry.
- Needs only 2 inches clearance to any combustible material.
- Must be 3ft above any obstacle in a 10ft radius (therefore permitting shorter run, saving cost).
- Allow the use of a smaller diameter chimney for the same evaporator, (saving cost).
- RECOGNIZED BY YOUR INSURANCE COMPANY.

MAPLE SYRUP AUTO CONTROL

- Made by Lapierre;
- High precision;
- Fast reaction and reliable;
- Removable actuator and control box;
- Programmable to adapt to evaporator size;
- Easy to wash;
- Manual or auto mode;
- Probe included;
- Heavy duty SS clamp and gasket required.

**LAPIERRE
EXCLUSIVE**



LAPIERRE MODULATING DRAW-OFF	CODE
Ferrule 1 1/2" outlet (1 probe)	DV122-240001XX
Ferrule 1 1/2" outlet (2 probes)	DV122-240002XX
1 1/2" replacement rubber gasket	DV322-000024Q1
Elbow, 900, 1 1/2" (optional)	EV707-902424S2
Ferrule 2" outlet (1 probe)	DV122-000001XX
Ferrule 2" outlet (2 probes)	DV122-000002XX
2" replacement rubber gasket	DV322-000032Q1
Elbow, 900, 2" (optional)	EV707-903232S2

A - DISPENSER AUTO	CODE
For liquid de-foamer	DV168-000000XX
Replacement pump	PM568-240104XX



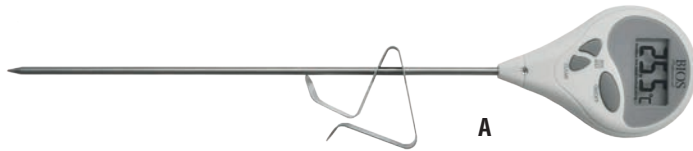
SONDE SUPPORT	CODE
For Lapierre controller modulating draw-off	DV522-000001S3

B - SS ROPE OPERATED STACK COVER
Available for smoke stack and steam stack in all sizes

C - PEAK STYLE COVER
Available for smoke stack and steam stack in all sizes



EVAPORATORS | MISCELLANEOUS



A



B



C



D



E



F



G



H



I

MISCELLANEOUS	CODE
A - 8 1/4" digital thermometer	EITB0012
B - 12" SS back thermometer	EITDT158
C - 18" thermometer	EITBC018
Replacement stem for 18" thermometer	EITRC018
D - 5" barometer	DV010-001353XX
E - Maple syrup digital grader HI759	DV024-000759XX
F - Lovibond Comparator (New grading system)	DV034-433240XX

CENTRE ACER	CODE
G - Grading kit of iise/ims for new classification	DV028-000000XX
H - 1 oz simple bottle	EICOL016

I - DIAL THERMOMETER	CODE
3" dial 1/4" thread, 6" stem 0-50 deg. F	EITC0306
3" dial 1/4" thread, 9" stem 0-50 deg. F	EITC0309
3" dial 1/4" thread, 12" stem 0-50 deg. F	EITC0312
5" dial 1/4" thread, 9" stem 0-50 deg. F	EITC0509
5" dial 1/2" thread, 9" stem 0-50 deg. F	EITC5509
3" dial 1/2" thread, 9" stem 0-250 deg. F	EITC0325
3" dial 1/2" thread, 6" stem 50-300 deg. F	EITC0336
3" dial 1/2" thread, 9" stem 50-300 deg. F	EITC0330
3" dial 1/2" thread, 18" stem 50-300 deg. F	EITC0318
5" dial 1/2" thread, 12" stem 50-300 deg. F	EITC0512
3" dial 1/2" thread, 2 1/2" stem 200-1000 deg. F	DV267-084048XX
3" dial 1/2" thread, 4" stem 200-1000 deg. F	DV267-086448XX

EVAPORATORS | ACCESSORIES

BIO SUNFLOWER OIL, ODORLESS, CERTIFIED KOSHER & ECOCERT	CODE
1 liter	DV509-000001XX
4 liters	DV509-000004XX



DEFOAMER	CODE
Kasher defoamer (200 g)	DV406-000200LA
Liquid defoamer (8 oz)	EVAN108W
Liquid defoamer (32 oz)	EVAM032W
Liquid defoamer (128 oz)	EVAM128W



ATAGO	CODE
60-70 Brix (syrup)	DV012-006070XX

Developed especially for maple syrup

- 60 to 70 Brix scale easier than ever to read;
- Built-in protection against dust and water.



CENTRE ACER	CODE
Calibration solution 66.0 Brix (for refractometer)	DV137-000660XX



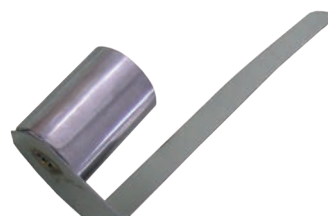
HYDROMETER AND HYDROTHERM	CODE
Hydrometer 0-35 Brix (sap)	DV020-000035XX
Hydrometer 45-75 Brix (syrup)	DV020-004575XX
Standard solution 66 Brix	DV137-080402xx
Hydrometer 0-15 Brix (sap)	DV020-000015XX
Hydrometer 50-70 Brix (syrup)	DV020-005070XX
Hydrotherm red column	DV023-000000XX



HYDROMETER AND HYDROTHERM CUP	CODE
Hydrometer cup 1 1/2" x 14" WITH BASE	DV025-002414ST
Hydrotherme cup 2" x 10" WITHOUT BASE	DV025-003210ST
Hydrotherme cup 2" x 12" WITHOUT BASE	DV025-003212ST
Hydrotherme CUP 2" x 14" WITHOUT BASE	DV025-003214ST



DEFOAMER CUP (LAPIERRE)	CODE
Defoamer cup 1"	DV045-000001S2
Defoamer cup 1 1/2"	DV045-000002S2



DEFOAMER CUP (WATERLOO)	CODE
1" with 4"	DV045-000005S2
1" with 10"	DV045-000003S2
2" with 10"	DV045-000004S2



ROUND SYRUP FILTER TANK WITH TOP LID	CODE
24 gal (18" dia. x 27" height)	EM115-182724ST
40 gal (23" dia. x 27" height)	EM115-232740ST
Base on casters for 15-24-40 gal	EM315-010000ST

* Filter holder not included



ARTISAN SYRUP FILTER TANK WITH TOP LID	CODE
Artisan serie tank 5 gal. 1/4" fpt outlet	EM115-092205AR



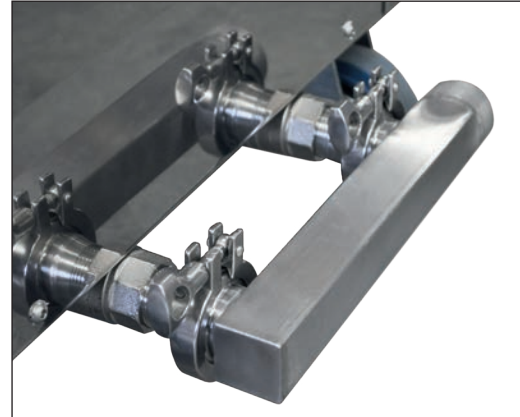
Cover optional



FILTER	CODE
#8 filtration cone	EVBO008W
#8 filtration cone seamless	EVBF008W
#8 poly. prefilter, 12/pack	EVPAT008
Filtration material 36" x 36"	EVC03636
Polyester paper 36" x 36", 12/pack	EVPA3636

DUAL SQUARE TANKS ON CASTERS WITH VALVE				CODE
18" x 18" x 32"	2 x 27 imp. gal	2 x 32 USG	21" x 39" x 32" (Overall)	EM160-181832S3
18" x 24" x 32"	2 x 35 imp. gal	2 x 42 USG	21" x 51" x 32" (Overall)	EM160-182432S3
18" x 36" x 32"	2 x 53 imp. gal	2 x 63 USG	21" x 75" x 32" (Overall)	EM160-183632S3
24" x 24" x 32"	2 x 50 imp. gal	2 x 60 USG	27" x 51" x 32" (Overall)	EM160-242432S3
24" x 36" x 32"	2 x 75 imp. gal	2 x 90 USG	27" x 75" x 32" (Overall)	EM160-243632S3

TRIPLE SQUARE TANKS ON CASTERS WITH VALVE				CODE
18" x 18" x 32"	3 x 27 imp. gal	3 x 32 USG	21" x 57" x 32" (Overall)	EM161-181832S3
18" x 24" x 32"	3 x 35 imp. gal	3 x 42 USG	21" x 75" x 32" (Overall)	EM161-182432S3
24" x 24" x 32"	3 x 50 imp. gal	3 x 60 USG	27" x 75" x 32" (Overall)	EM161-242432S3



SYRUP TANK WITH CONE FILTERS	CODE
Rectangular syrup tank (24 gallons) with cover and support for three cone filters (#8 cone filters not included)	EM174-122436S3

OPTIONS FOR SQUARE TANKS ON CASTERS	CODE
SS outlet option 1" x 1" x 1 1/4" (MPT x MPT x FPT)	EM360-161620S2
SS outlet option 1" x 1" x 1" x 1 1/4" (MPT x MPT x MPT x FPT) for triple tanks on casters	EM361-161620S2



Stainless steel outlet optional

DUAL SQUARE TANKS ON CASTERS WITH VALVE AND SKIRT				CODE
18" x 18" x 32"	2 x 27 mp. gal	2 x 32 USG	21" x 39" x 32" (Overall)	EM170-181832S3
18" x 24" x 32"	2 x 35 mp. gal	2 x 38 USG	21" x 51" x 32" (Overall)	EM170-182432S3
24" x 24" x 32"	2 x 50 mp. gal	2 x 60 USG	27" x 51" x 32" (Overall)	EM170-242432S3
24" x 36" x 32"	2 x 75 mp. gal	2 x 90 USG	27" x 75" x 32" (Overall)	EM170-243632S3

TRIPLE SQUARE TANKS ON CASTERS WITH VALVE AND SKIRT				CODE
18" x 18" x 32"	3 x 27 mp. gal	3 x 32 USG	21" x 57" x 32" (Overall)	EM171-181832S3
18" x 24" x 32"	3 x 35 mp. gal	3 x 38 USG	21" x 75" x 32" (Overall)	EM171-182432S3

DUAL INSULATED SQUARE TANKS ON CASTERS WITH VALVE AND SKIRT				CODE
18" x 24" x 32"	2 x 35 mp. gal	2 x 38 USG	21" x 51" x 32" (Overall)	EM190-182432S3

FILTER PRESS

7" SQUARE FILTER PRESS	CODE
7" filter press, 3 hollows, 2 plates, with pumping unit diaphragm electric 1/2"	SR012-030207XX
7" filter press, 3 hollows, 2 plates, w/o pumping unit and w/o swivel support	SR010-030207XX
7" filter press, 8 hollows, 7 plates with pumping unit diaphragm electric 1/2"	SR012-080707XX
7" filter press, 8 hollows, 7 plates, w/o pumping unit and w/o swivel support	SR010-080707XX
7" filter press, 10 hollows, 9 plates with pumping unit diaphragm electric 1/2"	SR012-100907XX
7" filter press, 10 hollows, 9 plates, w/o pumping unit and w/o swivel support	SR010-100907XX
Add hollow and plate for 7" square filter press	SR011-000007XX

10" SQUARE FILTER PRESS	CODE
10" filter press, 3 hollows, 2 plates with pumping unit diaphragm electric 1/2"	SR012-030210XX
10" filter press, 3 hollows, 2 plates, w/o pumping unit and w/o swivel support	SR010-030210XX
10" filter press, 7 hollows, 6 plates with pumping unit diaphragm electric 1/2"	SR012-070610XX
10" filter press, 7 hollows, 6 plates, w/o pumping unit and w/o swivel support	SR010-070610XX
10" filter press, 10 hollows, 9 plates with pumping unit diaphragm electric 1/2"	SR012-100910XX
10" filter press, 10 hollows, 9 plates, w/o pumping unit and w/o swivel support	SR010-100910XX
Add hollow and plate for 10" square filter press	SR011-000010XX

FRAME	CODE
7" and 10" stainless steel standard swivel frame with robust wheels (not included with the purchase of a press)	SR405-000002XX

You can add plates according to your needs on our square filter press.

Upon purchase of a complete filter press w/o pumping unit:

- Hoses, connections and pan
- 3/4" ball valve for the pan



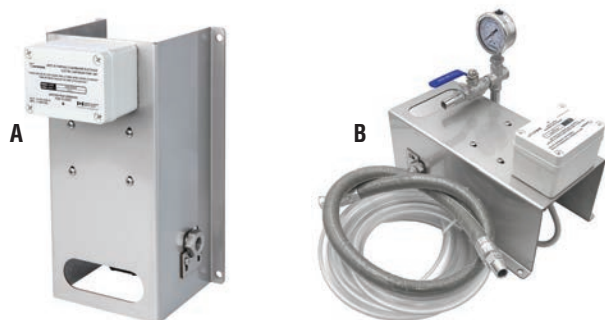
15" SQUARE FILTER PRESS	CODE
15" filter press, 6 hollows, 5 plates w/o pumping unit	SR010-060515XX
15" filter press, 7 hollows, 6 plates w/o pumping unit	SR010-070615xx
15" filter press, 8 hollows, 7 plates w/o pumping unit	SR010-080715XX
15" filter press, 9 hollows, 8 plates w/o pumping unit	SR010-090815XX
15" filter press, 11 hollows, 10 plates w/o pumping unit	SR010-111015XX
15" filter press, 12 hollows, 11 plates w/o pumping unit	SR010-121115XX
15" filter press, 13 hollows, 12 plates w/o pumping unit	SR010-131215XX
15" filter press, 26 hollows, 25 plates w/o pumping unit	SR010-262515XX
Add hollow and plate for 15" square filter press	SR011-000015XX

PUMPING UNIT OPTION FOR 15" SQUARE FILTER PRESS	CODE
1/2" Yamada diaphragm pumping unit	SR003-150008NX
1" Yamada diaphragm pumping unit	SR003-150016NX

SHELF & VALVE OPTION FOR 15" FILTER PRESS	CODE
shelf option for Yamada & Y51 pumping unit (only on purchase of a 15" square filter press with pumping unit)	SR405-150237TX
3 way valve option with ss JIC 3/4" adaptor	SR405-151212KJ
3 way valve option with 1/2" quick coupling female & pressure gauge for pump 1/2"	SR405-151208KR

DIAPHRAGM PUMPING UNIT	CODE
Yamada diaphragm syrup pump 1/2"	SR003-000008NX

Each pumping unit includes pressure and bypass hoses.



ELECTRIC DIAPHRAGM PUMPING UNIT	CODE
A - Pumping unit diaphragm electric 3/8"	SR003-000008EX
B - Pumping unit diaphragm electric 1/2" including connection hose	SR003-000008KT



Filter cloth

Diatomaceous earth

Filter paper

ACCESSORIES	CODE
12" Washable filter cloth 1 micron (pkg/2)	DV400-011202XX
12" Washable filter cloth 5 microns (pkg/2)	DV400-001202XX
24" Washable filter cloth 5 microns (pkg/1)	DV400-002401XX
O'ring #253, 5-3/8"	DV201-000253XX
Dicalite Diatomaceous earth (filter aid) 10 lb	DV403-010010XX
Dicalite Diatomaceous earth (filter aid) 50 lb	DV403-010050XX
White filter papers 7" (box/400)	DV404-000007XX
White filter papers 10" (box/400)	DV404-000010XX
White filter papers 15" (box/250)	DV404-000015XX
6' translucent tubing assembled with SS hook and fitting 1/2"	SR200-000027XX
6' translucent tubing assembled without SS hook and fitting 1/2"	SR200-000027AX

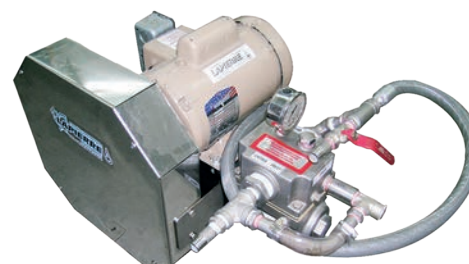
REPLACEMENT DIAPHRAGM PUMP	CODE
Yamada diaph. syrup pump 1/2" 4 gal/min @ 50 PSI, 7 SCFM	PM066-000008A1
Yamada diaph. syrup pump 1" 25 gal/min @ 50 PSI, 25 SCFM	PM066-000016A1
1/4" regulator filter for diaphragm syrup pump	PM204-534221XX

KIT OF REPAIR	CODE
Liquid repair kit for Yamada diaphragm pump 1/2" model NPD-15BAH	PM206-080015KTMH
Liquid repair kit for Yamada diaphragm pump 1" model NPD-25BAH	PM206-160025KTMH
Liquid repair kit for Yamada diaphragm pump 1/2" model G15AH11	PM266-080015KTMH
Liquid repair kit for Yamada diaphragm pump 1" model G25AH11	PM266-160025KTAH
Repair kit for diaphragm flojet pump 115 V, 6.0 GPM, 75 PSI, 1/2"	PM256-000000KT



Restriction plate

RESTRICTION PLATE FOR SQUARE FILTER PRESS	CODE
SS 10" plate	SR405-101832S4
SS 15" plate	SR405-151632S4



POMPCO S-275 ALL STAINLESS HEAD	CODE
Syrup filter pumping unit (includes pressure and bypass hoses)	SR003-000275XX

NEW

2025 LAPIERRE VACUUM FILTER

NEW from LAPIERRE EQUIPMENT, the VACUUM FILTER is ideal for filtering and bottling maple syrup in traditional productions and small-scale operations. Modest in size, three stainless steel models are available to you ranging from 9 inches (3.6 gallons) to 15 inches (14 gallons). The Lapierre vacuum filter can be moved and installed quickly in just a few minutes, only requiring two filters and a vacuum source. It is easy and very intuitive to operate and requires minimal maintenance. It is sure to make all artisan maple syrup producers happy.



Gauge not included

SIROFILTER

SIROFILTER	CODE
12" Sirofilter complete w/o pumping unit	SR002-000012XX
12" Sirofilter complete with pumping unit diaphragm electric 1/2"	SR001-080012EX
24" Sirofilter complete w/o pumping unit	SR002-000024XX
24" Sirofilter complete with pumping unit diaphragm electric 1/2"	SR001-080024EX

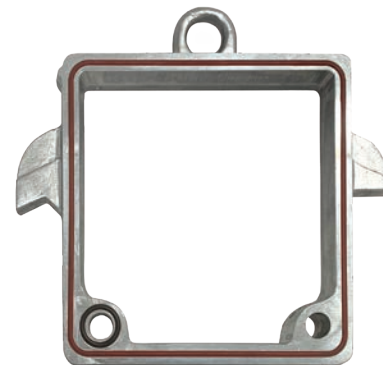
UPON PURCHASE OF A COMPLETE SIROFILTER W/O PUMPING UNIT:

- Hoses, connections and pan;
- 3 washable filter cloths.

VACUUM FILTER	CODE
9" (3,6 gal us)	SR017-000009XX
12" (9 gal us)	SR017-000012XX
15" (14 gal us)	SR017-000015XX



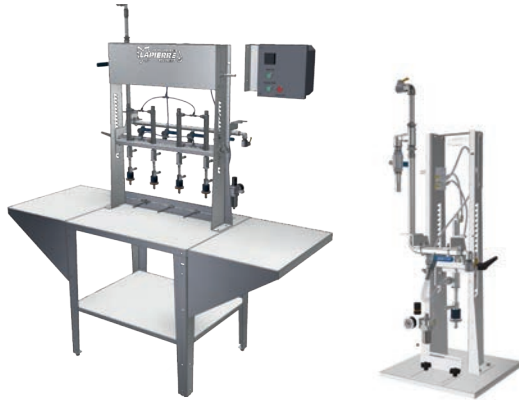
STAINLESS STEEL EXTERIOR



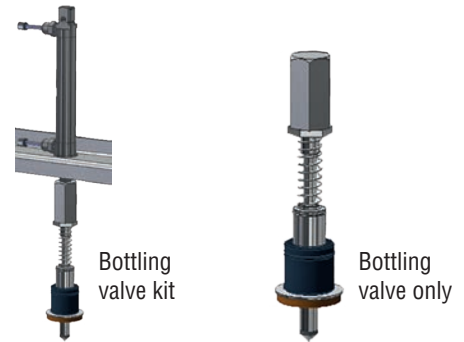
DOUBLE HOLLOW PLATES	CODE
Double hollow plate 7" (o'rings not included)	SR405-070008RX
Double hollow plate 10" (o'rings not included)	SR405-100007RX

Available on 7" and 10" presses. By removing plates or lengthening the press, the addition of double frames allows for greater filtration capacity.

PNEUMATIC BOTTLER SYSTEM



LAPIERRE PNEUMATIC BOTTLER SYSTEM	CODE
Lapiere pneumatic bottler system with manual control (bottling valve and tablet not included)	EM100-160102KT
Lapiere pneumatic bottler system with digital control (bottling valve and tablet not included)	EM100-160102CN
Option bottling valve 10 mm	EM306-062410KT
Option bottling valve 15 mm	EM306-062415KT
Lapiere pneumatic single bottler system with manual control and bottle guide (bottling valve not included)	EM306-020506CMS



OPTIONS	CODE
Option SS shelf (18")	EM306-161804KT
Bottling valve 10 mm	EM245-062410XX
O'ring and U-cup kit for bottling valve 10 mm	DV201-100245XX
Bottling valve 15 mm	EM245-062415XX
O'ring and U-cup kit for bottling valve 15 mm	DV201-150245XX

Example: To order a pneumatic bottler system with 4 bottling valves, you should use the code of the bottler system and 4 times the code of the option bottling valve.



10 gal (12 USG)



50 gal (60 USG)

SYRUP WATER JACKETED TANKS

SYRUP WATER JACKETED TANKS	CODE
10 gal (12 USG) 20" x 16" 1 x 3000 W 2 syrup outlets	EM140-000010ST
Stand with adjustable shelf	EM340-201601ST
24 gal (29 USG) 32" x 20" 2 x 3000 W 4 Syrup outlets	EM140-000024ST
Stand with adjustable shelf	EM340-322001ST
34 gal (41 USG) 34" x 24" 2 x 3000 W 4 Syrup outlets	EM140-000034ST
Stand with adjustable shelf	EM340-342401ST
50 gal (60 USG) 38" x 28" 2 x 3000 W 4 Syrup outlets	EM140-000050ST
Stand with adjustable shelf	EM340-382801ST

NEW



AUTOFLO	CODE
Autoflo	EM134-000001XX
Additional valves	EM134-000002X



HEATING ELEMENT (240 VOLTS)	CODE
3000 W element with temp. control	EM340-013000XX

GAS BURNER AND BOTTLING PAN

Complete kit: stand, burner, 16" x 16" stainless pan, outlet, filter rack, 3/4" draw off valve thermometer fitting 1/2", top lid and adjustable shelf..

GAS BURNER AND BOTTLING PAN	CODE
Complete kit	PE090-161600ST
Stainless bottling pan stand with adjustable shelf	FF016-161600ST
Gas burner with hose and regulator	ECRG016W
Mini steam pan (optional)	PP025-171701ST

SYRUP PANS (COVER AND OUTLET NOT INCLUDED)	CODE
16" x 16" x 14" (10" = 9.2 gal/11 USG)	PP009-161605ST
16" x 16" (3/4" outlet, nipple, ball valve, elbow, 1/2" dial fitting and plug included)	PP009-161607ST

8" or 10" = pan water level

SYRUP PAN OPTIONS	CODE
Pan cover 16" x 16"	PP027-161600ST
Syrup outlet 3/4" with valve and elbow (installed)	CS001-060006ST
Filter holder for 16" x 16" pan	PP027-161602S2



Mini steam pan



Cover not included



PROPANE FINISHER

AVAILABLE SIZE

- 16" x 48"

SPECIFICATIONS

- 3- 16" X 16" Propane stoves of 65,000 BTU each maximum;
- 1-Stainless steel finishing pan with flat bottom 16" X 48" X 14" High, no partition;
- 3/4" ball valve with elbow included;
- NO float box;
- Propane tanks not included (For outside use only).

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A



B

CAN SEALER	CODE
A - IVESWAY auto-manual can sealer	ECMAY700
B - automatic can sealer	EM100-000009XX

C - MAPLE CREAM MAKER	CODE
Maple cream maker stainless steel gear driven 1 HP motor	EM100-000002SS

BOTTLES	CLOSURES NOT INCLUDES	CODE
Maple leaf, 50 ml	18 mm	EM035-050048XX
Maple leaf, 100 ml	24 mm	EM035-100012XX
Maple leaf, 250 ml	24 mm	EM035-250012XX
Maple leaf, 550 ml	28 mm	EM035-500012XX

BOTTLES	CLOSURES NOT INCLUDES	CODE
Kent, 250 ml	28 mm	EM048-010250XX
Kent, 375 ml	28 mm	EM048-010375XX

Bottle pictures are for reference only.
Bottles sold by the case only.



C





Drum (1 hem)

Drum (2 hems)

Drum truck

ACCESSORIES	CODE
A - Stainless steel pail 4 liters	DV093-000004S3
A - Stainless steel pail 9 liters	DV093-000009S3
A - Stainless steel pail 16 liters	DV093-000016S3
B - Drum transfer tool (only) 3/4"	BR010-000012XX
B - Drum transfer tool 3/4" kit	BR010-000012KT

C - HEAVY DUTY METAL DRUM HEATER BELT	CODE
34 and 40 gal drum	BR301-003440XX
45 and 55 gal drum	BR301-004555XX

4" high heater belt, 120 volts, 1200 watts, with easy adjustable thermostat control. The temperature can be adjusted between 50 °F and 425 °F (10 °C and 218 °C).

D - BRUX READER	CODE
0-80 Brix assembly mounted on bracket & ready to be installed on equipment	DV176-000080KT

E - STAINLESS STEEL DRUM FILLER TANK	CODE
58 gal (69 USG) 2' x 3' x 20" outlet 1" MPT	EM157-020320S3
Aluminum base	EM357-263840A1
Stainless steel lid	EM357-010203S3

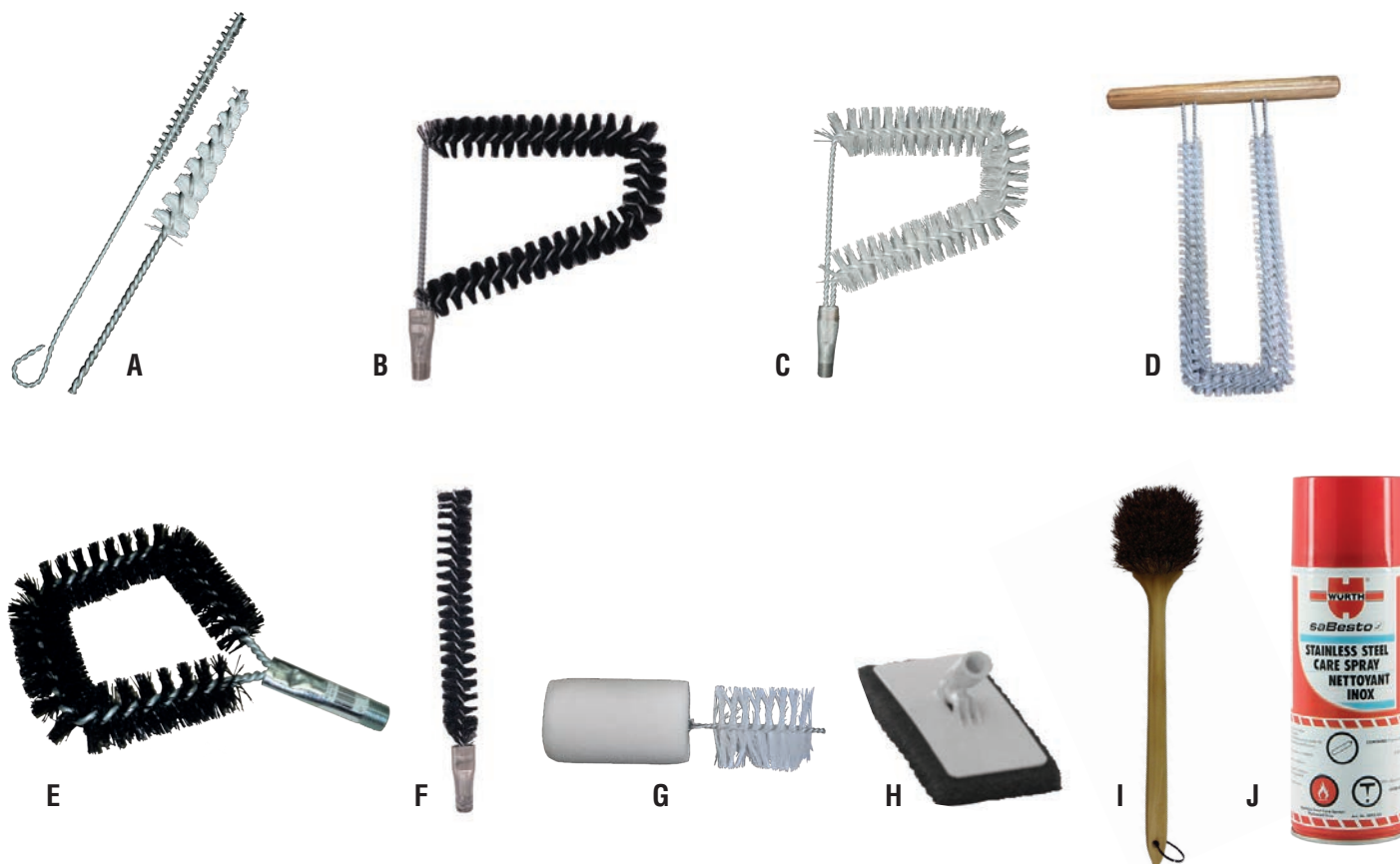
Stainless steel drum filler tank

STAINLESS STEEL INOVAWELD DRUMS			CODE
34 gal. imp. (40 USG)	301 with 1 hem	29,75" high x 20,75" dia. ins.	BR001-002934S9BX
34 gal. imp. (40 USG)	304-2B with 2 hems	29,75" high x 20,75" dia. ins.	BR001-002934S4
45 gal. imp. (54 USG)	301-2B with 2 hems	35,00" high x 22,60" dia. ins.	BR001-003545S9
3/4" standard cap			BR408-010012J1
2" standard cap			BR408-010032J1
2" gasket			BR431-000032XX
Drum truck			BR005-000000XX
Drum tagging (maximum 14 characters)			BR004-000014XX

Cap 2" and 3/4" included on the cover (can be on the periphery of the cover instead of the center).



HYBRIX	CODE
Barrels 35 gal. imp.	BR041-000035HB
Barrels 45 gal. imp.	BR041-000045HU
1000 litre tank	BA041-001000HU
700 litre tank	BA041-000700HU
390 litre tank	BA041-000450HB



CLEANING ACCESSORIES	CODE
A - 5/16" spout brush	DV073-000005XX
A - 7/16" spout brush	DV073-000007XX
B - Exterior flue brush 9" x 1 1/2" black nylon	DV075-000924XX
C - White nylon flue brush 7" x 2"	DV075-000732XX
C - White nylon flue brush 9" x 2"	DV075-000932XX
D - Black Nylon flue brush 11/16 (U)	DV074-001116XX
E - Brush - tube pan 7" diameter	DV076-000002XX
F - Brush for rounded pipe flue pan 10" x 1 1/2"	DV077-001022XX
Extension for brush on turbo 3 pipe 9"	A0103-000001ST
Complete assembly of the brush for 9" Turbo 3 pipe	A0003-000001ST
G - 1" mainline brush (pack/24)	DV080-010016XX
G - 1 1/4" mainline brush (pack/12)	DV080-010020XX
G - 1 1/2" mainline brush (pack/12)	DV080-010024XX
G - 2" mainline brush (pack/10)	DV080-010032XX
H - Base only for 9" blue removable coton cloth	DV085-000009XX
I - 20" hand brush for evaporator	DV072-000020XX
J - Stainless steel CLEANER 400 ml	DV494-000400XX



PAN AND TUBING CLEANERS	CODE
Super Clean 85% 4 L	DV430-000004XX
Super Clean 85% 20 L	DV430-000020XX
Myster pan 85% 4 L	DV630-850004XX
Myster pan 85% 20 L	DV630-850020XX

BIOXY +	CODE
4 kg (disinfectant)	DV516-000004KG
20 kg (disinfectant)	DV516-000020KG

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Lapierre St-Quentin

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ONTARIO**Springdale Farm Maple Equipment and Supplies**

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Weber Sugarbush Supplies Inc.**Waterloo Wellington et Southwestern Ontario**

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Squirrel Creek Farm Ltd Central Ontario

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Reist Farm Supplies Inc.**Waterloo Wellington et Southwestern Ontario**

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Garland Sugar Shack

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