

2023 EDITION
VOLUME 1

Premium
MAPLE EQUIPMENT
CATALOG
— & Yearbook —



Smoky Lake
MAPLE PRODUCTS™
SMOKYLAKEMAPLE.COM

TAPPING // BOILING // TESTING // FILTERING // BOTTLING

TALK TO A REAL PERSON!

When you call Smoky Lake, we're the ones smiling on the other end.

You reach us directly. Right here in Hilbert, Wisconsin.

(920) 202-4500 • SmokyLakeMaple.com/contact-us



Jennie B

AKA: The Jenn-erator

Office Manager/Logistics

Fun Fact: Once climbed to the highest point in Tennessee while 5 months pregnant.



Jimmy B

Maple Specialist/Coordinator

Fun Fact: Has been a slalom water skier since age 13.



Cameron C

Shipping Supervisor

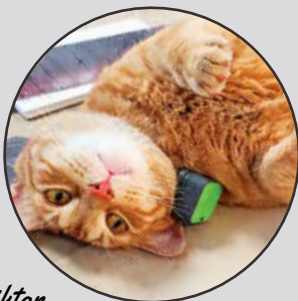
Fun Fact: Loves to kayak. Especially at Mirror Lake State Park, Wisconsin.



Chris H

Shipping/Fabrication

Fun Fact: Has volunteered as a cook at the EAA AirVenture event for 7 years in a row.



Viktor

Shop Cat/Mouser/Therapist

Fun Fact: In 2022, he secretly stowed away inside a Corsair™ and was shipped an hour north.



Jim S

Owner/Development Engineer

Fun Fact: Has been dabbling in birdwatching... and admits that he has been "mingling with ticks"



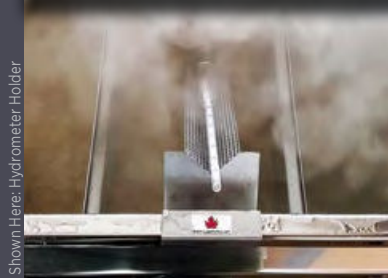
Angela S

Owner/Creative Director

Fun Fact: Recently flew to Austria to teach kids about maple syrup. SmokyLakeMaple.com/austria

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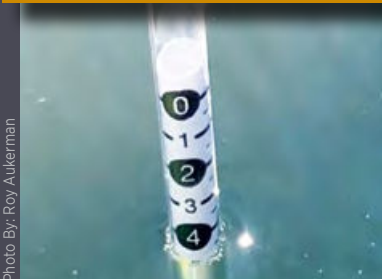


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Photo By: Jason Engemann

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Shown Here: Complete Steam Bottler



Our Mix Tape TO THE MAPLE INDUSTRY...

We love the maple industry. So much so that it made us feel a bit sentimental when reminiscing about the past year. You know, back in the good old days, there's no doubt that this feeling would have driven us to create a mix tape. To create a mix tape for someone is to say "Hey man. I think you're great."

So as we rewind and look back on this past year, what better way to do this than with a "mix tape" of sorts. Every new product we have introduced is our dedication to you. Each one is a song that comes from our heart. And we're singing it from the rooftops.

We are truly grateful to be part of this great industry. Thanks for choosing us to be your partner in maple. (Insert air guitar here.) More great things to come.

Angela K M Schumacher 

Angela Schumacher, Smoky Lake Owner


Stayin' Alive
— BeeGees



Hydrometer Holders

Keep your hydrometer safe, clean, and easy-to-grab while boiling...
"And now it's all right. It's OK.
And you may look the other way..."
Hydrometers are stayin' alive.

SL-HYD HOLD65

NEW ACCESSORIES



Pan Plugs w/Handles, Set of 2

Perfect for reversing the flow in a High Output Pan Set with Standard Configuration, OR isolating compartments in any divided pan. These two “make a thing go riiiight”.

SL-PLUGSET.....84.99

LEARN MORE ABOUT REVERSING:
SmokyLakeMaple.com/reversing-flow



U-Shaped Hook (For Filter Press Hose Kit)

We’re “high on believing” that you’re going to fall in love with this one. Keep the end of your Filter Press hose secure inside your bottler, hands free.

SL-UIPE25

NEW FOR DAUNTLESS



All-In-One Hybrid Pan

It’s business in the front and party in the back. Kind of like Rod Stewart’s mullet. Except better. Way better.

SL-HYB2048 2180



Fitted Steam Hood

No cupola? No problem. “This is how we do it.” This new fitted hood works great with Dauntless Divided or Hybrid Pans to evacuate steam from your sugarhouse.

SL-HOOD2048..... 1395

SPOUTS

DEALS!
Bulk Discounts
& Free Shipping

Visit SmokyLakeMaple.com/spouts for our full catalog of options! More coming soon!

AVAILABLE WHILE SUPPLIES LAST!



SKU	DSD-SP316115225C (translucent, tinted magenta or blue)	DSD-SP90250PB (opaque, blue nylon)	PL-302909BC (100-pack, white)	SL-BELTSPOUT (25-pack with FREE Bandolier)	SL-TBSPT (50-pack with resealable storage canister)
Brand	DSD	DSD	Plastech	Smoky Lake	Smoky Lake
Tap Hole Size	 1/4" Drill Bit DSD-35M01225	 1/4" Drill Bit DSD-35M01225	 5/16" Drill Bit CL-CA00118	 5/16" Drill Bit CL-CA00118	 5/16" Drill Bit CL-CA00118
Tubing Size	 3/16" DSD-454844	 5/16" DSD-454875	 5/16" DSD-454875	N/A	 5/16" DSD-454875
Other Suggested Tools and Accessories (See p 11-12 for more info)	Hammer 3/16" LineViper™ BT-316BR Adapter for LineViper DSD-TTLSP115	Hammer 5/16" LineViper™ BT-516BR	Hammer 5/16" LineViper™ BT-516BR	Hammer Wind Resistant Bag Holders SL-WRHOLD	Slide Hammer
Lifespan	 Disposable, Easy Clean Up	 Reusable, Multi-season	 Reusable, Multi-season	 Reusable Indefinitely	 Reusable Indefinitely
Price 	As low as 23¢ each + FREE SHIPPING	As low as 25¢ each + FREE SHIPPING	As low as 28¢ each + FREE SHIPPING	\$2.48 each, includes FREE Bandolier + FREE SHIPPING	As low as 84¢ each + FREE SHIPPING
Conclusion	Low cost plastic spouts are typically best for maple producers who are working with volunteers or anyone who is aiming to reduce as much of the end-of-season clean up as possible.			Since stainless steel spouts are reusable, they save cost in the long run, and they are very environmentally friendly.	



FREE SHIPPING
in Continental USA



DISCOUNTS!
(For local pick up/bulk orders)



INNOVATION
New Stainless Steel Spouts Coming Soon!



2023 FULL MOONS

A full moon on a clear night will never fail to inspire. It reminds us that all things on Earth have a natural, neverending cycle. We are but a small participant in a vast, magnificent universe.

June 4: Strawberry Moon

July 3: Buck Moon

August 1: Sturgeon Moon

August 31: Blue Moon

Sept 29: Harvest Moon

Oct 28: Hunter's Moon

Nov 27: Beaver Moon

Dec 27: Cold Moon

ARE YOU A NIGHTTIME SAP COLLECTOR?

- ◀ Shout out to Jason Engemann of Missouri, whose sap collection often gets pushed into the quiet hours of night. At the end of a long work day, it would be easy to say “I’m too tired”. But often, spending time in the woods is exactly what our spirit needs.

PRODUCTS

A | Spouts See pg 5

B | Tubing See pg 12

COLLECTING SAP WITH BUCKETS & BAGS



Smoky Lake Sugarbush
Kettle Moraine, Wisconsin



A | Beginner Tapping Kit

*Includes 5 Reusable
Spouts, 5 Wind-Resistant
Bag Holders, 5 Sap Bags,
and DIY Guide.*

SL-BTAPK..... 48.40

*For larger quantities of the
items in this Beginner Kit,
see the items in the green
boxes on page 8!*



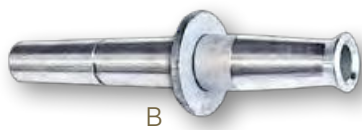
Just when you think
the snow is done for
the season...
Mother Nature throws a
blanket over the woods.



Kayla Brochtrup
Hilbert, Wisconsin



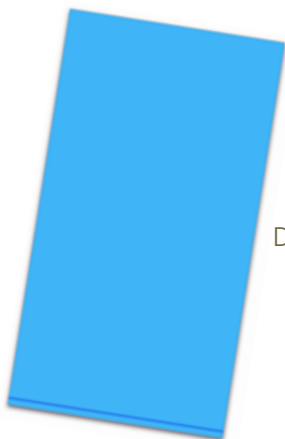
FREE SHIPPING
in Continental USA



B



C



D

B | 5/16" Bucket & Bag Spouts

25-Pack Spouts

(Includes one FREE Tapping Bandolier [C])

SL-BELTSPOUT.....62

C | Tapping Bandolier

Compatible with any 5/16" or 1/4" spouts!

SL-BELT.....25

OR Receive a FREE Tapping Bandolier with every 25-Pack of Bucket and Bag Spouts!

D | Sap Collection Bags

- Strong, 5 mil thickness
- UV protection
- 4-gallon capacity

25-Pack of Bags

FS-981325500BL-25.....25

Full Case, 250 Bags

UP-BLUEPOLY5MIL-250...120*

*Pick up discount available

F | Wind Resistant

Bag Holders, 25-Pack

Smoky Lake exclusive design. These bag holders will NEVER blow off your tree! Compatible with our Stainless Steel Bucket and Bag Spouts [B]

SL-WRHOLD..... 135*

*Pick up discount available

G | Maple Drill Bits

5/16" Tap Holes

CL-CA00118.....32*

1/4" Tap Holes

DSD-35M01225.....32*

*20% discount for two or more



G



"It's fun to see the woods come alive each Spring. This maple season, an opossum joined us during sap collection!"

- Angela S., Wisconsin



F

TAPPIN' TIPS!

SCAN CODE FOR VIDEO



Never Tap Too Close To Last Year's Tap Hole.

SmokyLakeMaple.com/tap-hole-location



Why Use a Maple Drill Bit?

SmokyLakeMaple.com/drill-bit



B, C

Bryan Urben
Pulaski, Wisconsin



FREE SHIPPING
in Continental USA

COLLECTING SAP WITH **TUBING**



COMPARING BAGS VS TUBING



SCAN CODE FOR VIDEO

Recorded March 31, 2022

SmokyLakeMaple.com/bags-vs-tubing

DESCRIPTION/SKU

VOLUME DISCOUNTS



Dropline Tee (AKA T-Connector)

Three 3/16" Prongs

DSD-FTT316K

Three 5/16" Prongs

DSD-20A1313313

One 3/16" Prong & Two 5/16" Prongs

DSD-FTT316516K



25-Pk Bag
as low as
50¢ ea



100-Pk Bag
as low as
36¢ ea



Full Case
(Qty 1000)
34¢ ea



Wire Union

Two 3/16" Prongs

DSD-FTUK316

Two 5/16" Prongs

DSD-FTUK



25-Pk Bag
as low as
41¢ ea



100-Pk Bag
as low as
30¢ ea



Full Case
(Qty 1000)
28¢ ea



End Line Fitting

Two 3/16" Prongs

DSD-FTEL316K



25-Pk Bag
as low as
60¢ ea



100-Pk Bag
as low as
44¢ ea



End Line Loop/Ring

Compatible with 5/16" Tubing

PL-302728



25-Pk Bag
as low as
48¢ ea



100-Pk Bag
as low as
33¢ ea



90° Tubing Saddle *Connector & Seal Included*

Connect 3/4" Main Line to 5/16" Tubing

DSD-20B01075

Connect 1" Main Line to 5/16" Tubing

DSD-20B01100



10-Pk Bag
as low as
\$3.20 ea



Full Case
(Ten 10-pks)
\$2.90 ea



Straight Tubing Saddle *Connector & Seal Included*

Connect 3/4" Main Line to 5/16" Tubing

DSD-20B02075

Connect 1" Main Line to 5/16" Tubing

DSD-20B02100



10-Pk Bag
as low as
\$3.20 ea



Full Case
(Ten 10-pks)
\$2.90 ea



Cap Saddle *Connector & Seal Included*

Plug for 3/4" Tubing

DSD-20B04075

Plug for 1" Tubing

DSD-20B04100



10-Pk Bag
as low as
\$3.20 ea



Full Case
(Ten 10-pks)
\$2.90 ea



FREE SHIPPING
In Continental USA



BULK SAVINGS!
Bigger packages for bigger savings!

TOOL REVIEWS



BEST SINGLE HAND TOOL



Why We Like It:

Connects spouts and droplines to tubing with ease.

Includes hammer and bark scraper features.

The Cutter Blade Accessory is a really handy add-on.

Tools available for both 3/16" and 5/16" tubing.

Honest Considerations:

If you need a tool that will clamp and hold tight to tensioned tubing, this is not the best tool for that scenario.

If you are using 115° Spouts from DSD, add the Hand Tool Adaptor [G] for best results.

Fits in some coat pockets... but not all.

Our industry refers to this as a "single hand tool", but yes, you will need both hands.



BEST DOUBLE HAND TOOL



Why We Like It:

Works with tensioned tubing. It clamps, grips & holds firmly.

Solid construction.

Nonslip, no-pinch hand grips.

Tools available for both 3/16" and 5/16" tubing.

Honest Considerations:

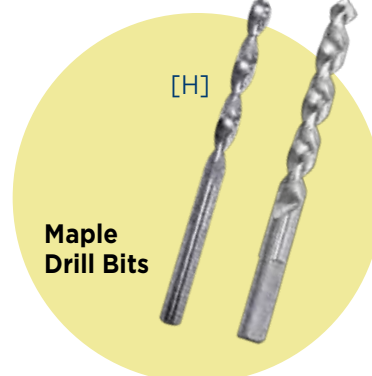
This is not a "cheap" tool. It is very well constructed, so once you have it, it will serve you for many years to come.

VIDEO. See It In Action:

SmokyLakeMaple.com/tubing-repair



BEST TAP HOLES



Why We Like Them:

Maple drill bits are sharper and cut cleaner tap holes compared to standard drill bits.

Using a Maple Drill Bit helps keep sap flowing longer. In contrast, a rougher tap hole can heal prematurely because it's a more favorable environment for bacteria.

Maple drill bits are shorter, so you are less likely to drill too far into the tree.

The facets on the shank prevent the bit from slipping within the drill chuck.

Ave lifespan = 1000 tap holes

Honest Considerations:

If you have a very limited budget, don't sweat it. You can still tap trees and collect sap using non-maple drill bits.



A | 3/16" Semi Rigid Tubing

100' Roll

DSD-454844-100 34

500' Roll

DSD-454844-500 57.50

B | 5/16" Semi Rigid Tubing

100' Roll

DSD-454875-100 37

500' Roll

DSD-454875-500 69



[B]



[C]

C | Pruno® Spout Remover

Lightweight, Aluminum Handle, 15".
Strong Steel Head.

PR-718401 44

D | Pruno® Double Hand Tool

Tool available for either 3/16" or 5/16" tubing compatibility. (See photo on page 11)

PR-DBLHAND 205

E | LineViper™

For 3/16" Tubing

BT-316BR 120

For 5/16" Tubing

BT-516BR 120

F | Cutter Blade Accessory for LineViper

Attaches elegantly to your LineViper for nice, clean cuts. Corrosion resistant.

BT-CBAK1 26*

**Bundle Discount available if purchased with a LineViper!*

G | Adaptor for Hand Tools

Connects a 115° Sap Spout onto Tubing OR 90° Saddle Connectors onto a mainline.

This Adapter is compatible with a variety of different Tubing Hand Tools such as LineViper, Pruno and Loac.

DSD-TTLSP115 38*

**Bundle Discount available if purchased with a LineViper!*

H | Maple Drill Bit

For 1/4" Tap Hole

DSD-35M01225 32*

For 5/16" Tap Hole

CL-CA00118 32*

**20% discount for two or more*

VIDEO RESOURCES



Learn more about the Cutter Blade Accessory and the Adapter Tool for the LineViper.

SmokyLakeMaple.com/
lineviper-accessories



[G]



FREE SHIPPING
in Continental USA




FLAT & DIVIDED



Flat Pan
Included: Valve and Plug
Optional: Thermometer

Divided Pan
Included: Valve,
Plugs, Thermometer

SPECS & SUCH

Sizes	Volume of 2" Depth	 Evaporation Rating	 Average Taps	 Cost Flat / Divided
16" x 30" AKA StarCat Pan	4 gal.	3 - 5+ GPH	1 - 20	370 / 565
2' x 2'	5 gal.	4 - 6+ GPH	1 - 25	370 / 565
2' x 33" Pairs with the Leader Half Pint Arch	6.8 gal.	5.5 - 8.5+ GPH	5 - 45	425 / 590
2' x 3'	7.5 gal.	6 - 9+ GPH	5 - 50	425 / 590
20" x 4' AKA Dauntless Pan	8.3 gal.	9 - 11+ GPH	10 - 75	450 / 699
2' x 4'	10 gal.	9 - 12+ GPH	10 - 75	475 / 699
2' x 5'	12.5 gal.	10 - 15+ GPH	15 - 100	740 / 915
2' x 6'	15 gal.	12 - 18+ GPH	20 -125	800 / 1020



Every time I open the
syrup valve we always say,
"We've reached Nirvana!"

-Jason Engemann
Washington, MO




















SIDE BY SIDE COMPARISON...



Features

Flat Pan

Divided Pan

Boiling Style	Batch	Continuous Flow
Syrup Color	Tends to be darker	Tends to be lighter
Reversible Flow <small>Details available at SmokyLakeMaple.com/reversing-flow</small>	N/A	 Turn the pan 180°.
Accessory Kit Included FREE!	 Includes Valve & Plug	 Includes Valve, Plugs, and Thermometer
Full length handles		
22 gauge mirror finish stainless steel		
Angled therm port		
Hemmed edges		
Stainless steel valve		
Level assist <small>Learn more at SmokyLakeMaple.com/level</small>		
Options for adding sap to the pan <small>Accessories sold separately</small>	1. Pour sap in by hand 2. Feed Pan (p 31)	1. Pour sap in by hand 2. Feed Pan (p 31) 3. Float Box (p 31)
Illustrated quick start guide		
Lifetime limited warranty on Welds		



HOW DO DIVIDED PANS WORK?

We'll show you! Visit us at SmokyLakeMaple.com/how-dividers-work

HYBRID PANS

ALL-IN-ONE: FINISHING PAN + FLUE PAN!



**FASTER
EVAPORATION**

Compared to
Flat or
Divided Pans

**LOWER
PRICE**

Compared to
High Output
Pan Sets



< Pictured:
2' x 4' Hobby
Hybrid Pro Pan
w/Drain Manifold






Seth has been having a great time boiling this year. Big change from using a Turkey cooker. As of 3/23/22 he has made over 61 gallons.

Thanks for going the extra mile!!

- Rich Marquardt
New Hampshire

SPECS & SUCH

Sizes	Volume of 2" Depth	Length of Each Flue	 Evaporation Rating	 Average Taps	 Cost
2' x 33" Fits Leader Half Pint Arch	8.9 gal.	17"	8 - 13+ GPH	25 - 75	1625
2' x 3'* Pairs with the Corsair Arch	9.8 gal.	20"	12 - 18+ GPH	30 - 80	1930
20" x 4' Pairs with the Dauntless Arch	10.3 gal.	24"	15 - 20+ GPH	30 - 95	2180
2' x 4'* Pairs with the Corsair Arch	13.5 gal.	30"	18 - 24+ GPH	50 - 160	2145
2' x 5'* Pairs with the Corsair Arch	17 gal.	39"	22 - 30+ GPH	75 - 200	2360
2' x 6'* Pairs with the Corsair Arch	20.5 gal.	48"	28 - 40+ GPH	100 - 300	2625

* The Hybrid Hobby Pro Configurations include a Drain Manifold. This allows you to drain the flues simply by flipping the handle on a valve

FEATURES

FREE ACCESSORY KIT:

- Maple Thermometer
- Draw-Off Valve
- Stainless Steel Plugs
- Drain Manifold with Valve (Hybrid Hobby Pro Configurations)
- ✓ Illustrated quick-start guide and 24/7 online knowledge base
- ✓ Lifetime limited warranty on all TIG welds
- ✓ Full length handles with hemmed edges

CUSTOMIZE IT!

- SO MANY premium upgrades available:
- Sight Glass
 - Feed Pan or Float Box
 - Hood or Lids
 - Auto Draw Off Systems
 - Air-tight Arches

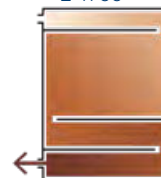


^ NEW!

All-In-One Dauntless Hybrid
with Optional Float Box

CONFIGS

Full Pint
Configuration
• 2' x 33"



Dauntless
Configuration
• 20" x 4'



Hobby Pro
Configuration
• 2' x 3'
• 2' x 4'
• 2' x 5'



Hobby Pro
Configuration
• 2' x 6'



FREE SHIPPING
in Continental USA



DISCOUNTS AVAILABLE
For add-ons/bundling



HANDCRAFTED IN USA
By artisans at Smoky Lake

HIGH OUTPUT PAN SETS







**MOST EFFICIENT
PAN STYLE**



Wolfert Family, Wisconsin

Pictured Above: Raised Flue Pan Set, Standard Config w/optional Hood, Concentric Exhaust, Auto Draw-Off System, and Sight Glass

SPECS & SUCH

Size	Evap. Rating 	Average Taps (Without RO) 	Drop Flue* Cost Standard [A] / SSR [C] 	Raised Flue* Cost Standard [B] / SSR [D] 
2' x 4'	25 - 50+ GPH	75 - 250	3750 / 4600	4215 / 5065
2' x 6'	40 - 70+ GPH	150 - 500	4250 / 5100	4715 / 5565
2' x 8'	55 - 95+ GPH	200 - 700	4725 / 5575	5190 / 6040
30" x 8'	80 - 120+ GPH	300 - 1250	5925 / 6775	6390 / 7240

MORE SIZES AVAILABLE. See SmokyLakeMaple.com or contact us for more info.



FREE Shipping, Pan Accessory Kit, Float Box(es), Stiffened Gasket, Illustrated Quick Start Guide, and Limited Lifetime Warranty on TIG Welds.
(Details on SmokyLakeMaple.com)



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in Continental USA



DISCOUNTS AVAILABLE
For add-ons/bundling



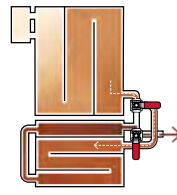
HANDCRAFTED IN USA
By artisans at Smoky Lake

SIDE BY SIDE COMPARISON...



Drop Flue

Standard
Configuration



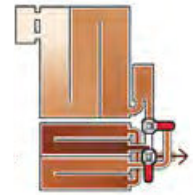
Drop Flue

SSR
Configuration



Raised Flue

Standard
Configuration



Raised Flue

SSR
Configuration

Features

Positive Draw-Off Boxes	✓	✓
Sanitary Draw-Off Valve w/Food Grade Gaskets	✓	✓
Draw-Off Location Optimized (Draw-off is located at the back of the syrup pan where there is the most heat.)	✓	✓
Structurally Formed-In Syrup Pan Dividers	✓	✓
Angled Thermometer (Stem is properly immersed in syrup for best readings and dial face is easy to read.)	✓	✓
Angled Accessory Port (For optional Auto Draw-Off System. See SmokyLakeMaple.com)	✓ Includes Plug	✓ Includes Plug
Built-in 360° Handles	✓	✓
22 gauge mirror finish stainless steel	✓	✓
Stiffened Gaskets Included (Creates a seal between the two pans and behind the flue pan)	✓	✓
Illustrated Quick Start Guide	✓	✓
Float Box(es) w/Drain and Fittings	Inlet Float Box controls the depth throughout the entire system	Inlet Float Box for Flue Pan depth, Transfer Float Box for Syrup Pan depth
Flue Size/Quantity	TEN 7"-Deep Flues	ELEVEN 7"-Tall Flues
Drain Method	Drain manifold drains the flues 100%	Drain the pans using ports on the side of the pan
Recovery After Draw-Off	Head pressure in a Raised Flue Pan helps a Syrup Pan recover faster after draw-off. Especially on larger pan sets.	



Drop Flue vs Raised Flue? Visit [SmokyLakeMaple.com/drop-vs-raised](https://www.SmokyLakeMaple.com/drop-vs-raised)

Why Reverse the Flow with SSR? Visit [SmokyLakeMaple.com/reversing-flow](https://www.SmokyLakeMaple.com/reversing-flow)



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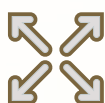
DISCOUNTS AVAILABLE
For add-ons/bundling



HANDCRAFTED IN USA
By artisans at Smoky Lake

LET'S BOIL!

THINGS TO CONSIDER WHEN SELECTING THE PERFECT EVAPORATOR...



SPACE

Smoky Lake evaporators are so efficient, you will be able to achieve higher productivity and efficiency in a smaller footprint compared to our competitors.



PAN STYLE

When selecting a pan style, you may consider each pan's evaporation rate, the types of accessories offered/included, and the pan's method of operation. See pages 13 - 18 for details on each pan style.



NUMBER OF TAPS

Consider future expansion! Choose an evaporator that has the capacity to grow with you! Each evaporator has an estimated "tap rating" which varies based on the pan size/style. If using RO, you can double the listed tap rating.



TIME

If your time is limited, process sap faster with a larger size, or an upgraded pan style. (See our evaporator efficiency ratings measured in gallons evaporated per hour [GPH].) You can also decrease boiling time by using a Memprotech Reverse Osmosis System.



FUEL TYPE

Firewood is typically a favored fuel source due to its abundance in a sugarbush. However, our oil-fired and gas-fired options are convenient, ash-free, and include the benefit of a quicker start up and shut down.



BUDGET

Customize your evaporator and increase efficiency as your budget allows. Also, rest assured that Smoky Lake evaporators retain their value VERY WELL. They are a very sound investment! We also offer FREE shipping in the continental USA!



StarCat

(p 21 – 22)



Dauntless

(p 23 – 24)



Corsair

(p 25, 26, 28)



Silverplate

(p 27, 28)



**Gas-Fired
Finisher/
Evaporator**

(p 30)



Liberator

(p 29)



16" x 30"

20" x 48"

Min 2' x 3'
Max 30" x 12'

Min 2' x 6'
Max 3' x 12'

16" x 30"
2' x 4'

Min 2' x 6'
Max 3' x 12'



Flat, or
Divided

Flat, Divided,
or All-In-One
Hybrid

Flat, Divided,
Hybrid,
Drop Flue, or
Raised Flue

Drop Flue, or
Raised Flue

Flat, or
Divided

Drop Flue, or
Raised Flue



3 – 30 taps

10 –55 taps
(Flat or Divided Pan)

30 – 95 taps
(All-In-One Hybrid)

Varies by size
and options. See
SmokyLakeMaple.com
or call 920.202.4500.

Varies by size
and options. See
SmokyLakeMaple.com
or call 920.202.4500.

This unit is most
commonly used
as a finisher. See
SmokyLakeMaple.com
or call 920.202.4500.

Varies by size
and options. See
SmokyLakeMaple.com
or call 920.202.4500.



5 – 8+ GPH

9 – 11+ GPH
(Flat or Divided Pan)

15 – 20+ GPH
(All-In-One Hybrid)

Up to
210+ GPH
(Varies by size and
pan style)

Up to
468+ GPH
(Varies by size and
pan style)

Up to
12 GPH
(Varies by size
& liquid depth)

Up to
220+ GPH
(Varies by size)



Wood

Wood

Wood

Wood

Propane or
Natural Gas

Natural Gas
or Oil



(Bundling
discounts
apply for
purchasing a
pan and arch
together.)

**Most Popular:
StarCat with
Divided Pan**

~~\$1495~~

\$1448

(Base price)

**Most Popular:
Dauntless with
Divided Pan**

~~\$2049~~

\$1981

(Base price)

**Most Popular:
2' x 6' with
Raised Flue**

~~\$8223~~

\$7827.50

(Base price)

**Most Popular:
2' x 6' with
Raised Flue**

~~\$10623~~

\$10211.55

(Base price)

**Most Popular:
16" x 30", LP,
with Flat Pan**

~~\$1365~~

\$1,315.25

(Base price)

**Most Popular:
2' x 6', Oil, with
Raised Flue**

~~\$9013~~

\$8696.05

(Base price)



StarCat is the perfect solution for backyard hobby maple syrup producers with up to 30 taps.

This compact evaporator is surprisingly feisty! You'll process up to 8+ gallons of sap every hour thanks to the high efficiency features such as the airtight door and the premium pan material.

The fun and memories begin with Arch assembly and precision-fitted parts. We'll provide an illustrated instruction guide OR you can build your StarCat right along side of us using our online video tutorial.

SPECS



Pan Styles

StarCat with
Flat Pan
SL-STRFLT

StarCat with
Divided Pan
SL-STRDIV



Size/Capacity

Pan Size: 16" x 30"
Volume of 2" Depth: 4 gallons



Ave. Tap Count

3 - 30 Taps



Evaporation Rating

5 - 8+ GPH



Fuel Type

Woodfired!



Base Cost

SL-STRFLT

1300

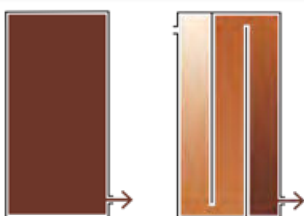
1253

SL-STRDIV

1495

1448

ALL INCLUDED



✓ 16" x 30" Pan (Flat or Divided)

Handcrafted by our artisans in Hilbert, Wisc. 22 gauge, mirror finish stainless steel, with a limited lifetime warranty on TIG welds.

✓ FREE Pan Accessory Kit!

Includes Maple Thermometer, stainless steel Draw-Off Valve and stainless steel Plugs for unused ports.



FIREBRICKS

included with pick up at Smoky Lake headquarters

✓ Damper Slide

Controls combustion air supply.

✓ High Temp Arch Paint

Professional grade, fast drying formula. Matte Black.

✓ Elbow and Stack Pipe

Prepainted. Snap-lock.

✓ Guy Support

Secure your stack pipe during use.

✓ Precut Insulation

Ready to install

✓ Airtight Loading Door

Efficiency!

✓ A Helping Hand

Illustrated step-by-step assembly manual. PLUS check out our video demonstration library at SmokyLakeMaple.com/backyard.

✓ FREE Shipping

CUSTOMIZE IT!

★ **Bundle discounts available for any starred products**

Maintain/Measure Sap Depth

★ **Feed Pan w/Valve & Clips**
SL-FDPN16.....\$215

★ **Float Box (for Divided Pans)**
SL-INFBXSTAR.....\$470

★ **StarCat Sight Glass**
SL-STARSTGLS.....\$175

★ **Sight Glass for Float Box**
SL-STGLSFB.....\$175

Cover the Pan

★ **16 x 30 Lids**
SL-LID1630.....\$158

Monitor Syrup Density

Hydrometer Holder
SL-HYD HOLD.....\$65

Simplicity Auto Draw-Off
SL-ADOSIM.....\$599

More on pgs 37 - 38 and
SmokyLakeMaple.com

Arch Accessories

Casters
SL-CASTERHOBBY.....\$135

Pneumatic Tires
SL-TIRESHOBBY.....\$225

★ **Brick Kit (18 Bricks)**
SL-BKSTAR.....\$130
OR FREE with Evaporator Pick Up
at Smoky Lake headquarters

1" Rail Gasket, 12' Length
SL-RAIL12V2.....\$45



STARCAT IS THE INDUSTRY'S BEST EVAPORATOR FOR UP TO 30 TAPS



We used the drops and shavings from our hand-turned wood baseball bat production to fire our Smoky Lake StarCat this year. It lends our maple syrup a hint of peanuts, popcorn, and Cracker Jacks!

- A.J. Lenz & Son
Wisconsin



SCAN CODE TO BE MESMERIZED

Or go to
SmokyLakeMaple.com/
ajlenz



We boiled this past weekend... Wicked good tasting maple syrup... Thank you for StarCat. Best investment eva.

- John Lentine
Vermont



FREE SHIPPING
in Continental USA



DISCOUNTS AVAILABLE
For local pickup/bundling



HANDCRAFTED IN USA
By artisans at Smoky Lake



BEST STARTER EVAPORATOR WITH ROOM FOR GROWTH

Dauntless is the big brother to the StarCat, offering the same supreme quality and performance you can expect from all Smoky Lake evaporators on an affordable platform that allows hobbyists to increase production rate for up to 95 taps. Many accessories and add-ons available, including our Forced Draft Kit (p 24).



SPECS



Pan Styles

Dauntless with
Flat Pan
SL-DNTFLAT

Dauntless with
Divided Pan
SL-DNTDIV

Dauntless with
Hybrid Pan
SL-DNTHYB



Arch Size



Pan Size

Pan Size: 20" x 48"
Volume of 2" Depth: 8.3 gal.

Pan Size: 20" x 48"
Flue Depth: 4-1/4"
Volume of 2" Depth: 10.3 gal.



Ave. Tap Count

10 - 55 Taps

30 - 95 Taps



Evaporation Rating

9 - 11+ GPH

15 - 20+ GPH



Fuel Type

All Dauntless Are Woodfired!



Base Cost

SL-DNTFLAT
1800 **1732**

SL-DNTDIV
2049 **1981**

SL-DNTHYB
3530 **3462**



FREE SHIPPING
in Continental USA

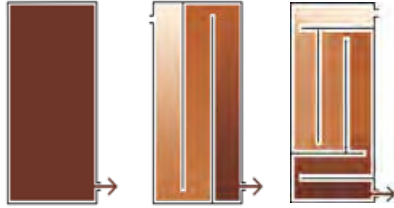


DISCOUNTS AVAILABLE
For add-ons/bundling



HANDCRAFTED IN USA
By artisans at Smoky Lake

ALL INCLUDED



- ✓ **Premium Evaporator Pan (Choose from Flat, Divided or All-In-One Hybrid)**
Handcrafted in USA by Smoky Lake artisans. 22 gauge, mirror finish stainless steel, limited lifetime warranty on TIG welds.

- ✓ **FREE Pan Accessory Kit!**
Includes Maple Thermometer, Draw-Off Valve and Plugs for unused ports.

- ✓ **Damper Slide**
Controls combustion air.

- ✓ **High Temp Arch Paint**
Professional, fast-drying formula. Matte Black.

- ✓ **Elbow and Stack Pipe**
Prepainted. Snap-lock.

FIREBRICKS

included with pick up at Smoky Lake headquarters



- ✓ **Stainless Steel Guy Support**
Secure your stack pipe during use.

- ✓ **Precut Insulation**
Ready to install

- ✓ **Airtight Loading Door**
Efficiency!

- ✓ **Brick Kit**
Included with pick up at Smoky Lake headquarters

- ✓ **A Helping Hand**
Illustrated step-by-step assembly manual. PLUS check out our video demonstration library at SmokyLakeMaple.com/backyard.

CUSTOMIZE IT!

- ★ **Bundle discounts available for any starred products**

Maintain/Measure Sap Depth

- ★ **Feed Pan w/Valve & Clips**
SL-FDPN20\$265
- ★ **Float Box (for Divided Pan)**
SL-INFBDIV\$470
- ★ **Float Box (for Hybrid Pan)**
SL-INFBDHY\$470
- ★ **Sight Glass for Draw Off**
SL-STGLSDO\$175
- ★ **Sight Glass for Float Box**
SL-STGLSFB\$175

More Pan Accessories

- ★ **20" x 4' Lid**
SL-LID2048\$315
- ★ **Fitted Hood**
(For Divided and Hybrid Pans)
SL-HOOD2048\$1395

Hydrometer Holder

- SL-HYDHOLD\$65

Simplicity Auto Draw-Off

- SL-ADOSIM\$599

See more on pg 4, 31, 32, 38

Arch Accessories

Casters

- SL-CASTERHOBBY\$135

Pneumatic Tires

- SL-TIRESHOBBY\$225

★ Brick Kit (18 Bricks)

- SL-BKDNT\$130
OR FREE with Evaporator Pick Up at Smoky Lake headquarters

1" Rail Gasket, 12' Length

- SL-RAIL12V2\$45

★ Forced Draft Kit

- SL-DNTFDKIT\$350



This thing is amazing.
You guys are awesome!

Zak Peterson
Wisconsin



BEST EVAPORATOR FOR SEASONED ENTHUSIASTS

Corsair is proud to redefine the industry's efficiency expectations. When it was first released, our competitors claimed that our published evaporation ratings were "impossible". Truth be told, they are actually understated. The built-in details and features on every Corsair Evaporator are also designed to dazzle: Firebox Peep Windows, Stainless Steel Sides, Precut Brick Kits... And with so many premium accessories available, the Corsair is prepared to grow right along with you if you choose to expand.



Pan Versatility

Corsair can be optimized for ANY of the Smoky Lake pan styles. (Shown here: 2' x 6' Raised Flue Pan Set with Same Side Reverse System & optional second thermometer.)



Peep Window

No more guessing what is happening in the combustion chamber. Only open the door when its time to add wood.

Large, Airtight Firebox Door

Learn more on website.

Fully Steel Framed

Incredibly strong!
No cracked castings!

Draft Door

Controls combustion air supply.
(Natural Draft)

Ready-To-Go Bricks and Mortar

Included standard with every Corsair Evaporator.
Brick Kits are pre-cut, and the mortar is pre-mixed.



Perforated Knockout and Attachment Hub

Allows you to easily upgrade to a Forced Draft Kit at any time. Or order with your evaporator to receive FREE INSTALLATION.

Stainless Steel Sides & Stack Pipe

Now a standard feature of all Corsair Evaporators, this premium material is rust resistant and will outlast the industry's galvanized steel alternatives.

Rectangular Base Stack Hub

The hub for the Base Stack is designed to optimize the flow of heat, promoting an even boil across the full width of your pan.



FREE Shipping & Rail Gasket
included with every full Corsair.
(Details on SmokyLakeMaple.com)



Pricing and more details available at [SmokyLakeMaple.com/corsair-options](https://www.SmokyLakeMaple.com/corsair-options)

CUSTOMIZE IT!

- ★ **Bundle discounts available for any starred products**

Maintain/Measure Sap Depth

- ★ **Feed Pan w/Valve and Clips**
SL-FDPN24 \$265

- ★ **Float Boxes**
Various \$470
(Included standard with Pan Sets.)

- ★ **Sight Glasses**
Various \$175

More Pan Accessories

- ★ **Lids**
Various Sizes.....See website

- ★ **Fitted Hood**
Various Sizes.....See website

- Concentric Exhaust**
Various Sizes.....See website

- Hydrometer Holders**
SL-HYDHOLD \$65

- Auto Draw-Off Systems**
Various Starting at \$599

- Backflip™ Preheater**
Increase boiling efficiency.
Various Starting at \$2250
More on pages 31, 32, 38

Arch Accessories

- Casters**
SL-CASTERCRS \$135+

- Pneumatic Tires**
SL-TIRES CRS \$225

- Forced Draft Kit**
Increase fuel efficiency by 20% and productivity by 50%. The kit includes domed cast iron grates for enhanced combustion
SL-FDKCORS \$475 & up



The Forced Draft Blower Mounts to the Back of the Corsair Firebox



I bought that Corsair 2x4 evaporator from you about 4 years ago and it works fantastic.

– Paul Butenhoff
Wisconsin

 **FREE SHIPPING**
in Continental USA

 **DISCOUNTS AVAILABLE**
For add-ons/bundling

 **HANDCRAFTED IN USA**
By artisans at Smoky Lake

SmokyLakeMaple.com | (920) 202-4500



HIGHEST EVAPORATION RATE PER SQUARE FOOT

Hold onto your hats. Silverplate is an average 30% even more efficient than our Corsair evaporator! This is in part due to its larger firebox, but also it comes standard with a Forced Draft System with upgraded blower. Tell the neighbors to relax. The sugarhouse is not on fire. What they are seeing is steam. Incredible amounts of steam.



High Output Pan Sets

Four excellent pan models to choose from. handcrafted in Hilbert, Wisc. Option to add on Hoods, Preheater, Concentric Exhaust, and many other premium accessories.

Rectangular Base Stack Hub

The hub for the Base Stack is designed to optimize the flow of heat, promoting an even boil across the full width of your pan.

Stainless Steel Sides and Stack Pipe

Rust resistant and excellent life expectancy.

Forced Draft Kit

This system turbo charges the boil rate and allows you to consume lower quality firewood if necessary. Includes high performance domed grates and an upgraded blower.

Precut Brick Kit and Insulation

The belly of the Silverplate comes factory insulated, with additional insulation provided for the sides. Ready-to-install bricks and high temp mortar are also included.

Airtight Door

Features a secure, two-point latch system.

Robust, Industrial Duty Framework



FREE Shipping, and Rail Gasket included with every full Silverplate.
(Details on SmokyLakeMaple.com)



Pricing and more details available at SmokyLakeMaple.com/silverplate-options

CORSAIR VS SILVERPLATE



Evaporation Rate

The Silverplate is an ave. 30% more efficient than an identical footprint Corsair, making these the two most productive evaporators in the industry.

FREE Gaskets and Pan Accessory Kit

✓
Included

✓
Included

Pan Styles

Any

Raised Flue or Drop Flue Pan Set

Firebox Door

Factory insulated. Single point closure system. 1.5" thick.

Factory insulated. Two-point closure system. 3" thick.

Firebox Size

The Silverplate firebox is 7" deeper and 5" taller than an identical footprint Corsair

Forced Draft Kit

Optional Upgrade

✓
Includes an Upgraded Blower

Stainless Steel Arch Sides

✓
Included

✓
Included

Stainless Steel Base Stack and Stack Pipe

✓
Included

✓
Included

Peep Window for Firebox

✓
Included

Optional Upgrade

Hoods & Preheaters

Optional Upgrade (For any pan model minus Flat Pans)

Optional Upgrade

Castors or Tire Sets

Optional Upgrade

Optional Upgrade

Leg Leveling Bolts

✓
Included

✓
Included

HOW DO I CHOOSE?

At first glance, Corsair and Silverplate may appear very similar. However, there are some key differences!

1 Evaporation Rate

Both the Corsair and Silverplate are blowing the hats off of the industry's traditional evaporation rates. However, the Silverplate evaporates faster than any other. For this reason, it is often the evaporator of choice for most large-scale, professional maple operations. The Silverplate's firebox size, overall geometry, and its included forced draft system are all contributing factors in its great efficiency.

2 Features

Both the Corsair and the Silverplate are designed to allow easy future upgrades and add-ons. However, the Corsair offers more options for the beginner maple enthusiast. Meanwhile, the Silverplate's main focus is kicking off steam as fast as possible, so it automatically comes equipped with many high-efficiency features such as forced draft and domed, high-turbulence grates. Also, the Silverplate framework is extremely robust and industrial duty.

FREE SHIPPING
in Continental USA

DISCOUNTS AVAILABLE
For add-ons/bundling

HANDCRAFTED IN USA
By artisans at Smoky Lake

SmokyLakeMaple.com | (920) 202-4500



LIBERATOR™

🔥 OIL- OR GAS-FIRED EVAPORATOR

This strong, fully steel framed evaporator is available in both oil-fired or gas-fired models. Both varieties come fitted with a digitally-controlled Carlin® Commercial Grade Burner. The Liberator Arch geometry is optimized for any Smoky Lake Pan Set, forcing the heat up into the flues and allowing you to harness the heat for an incredible boil.

CUSTOMIZE IT: Hoods, Preheater, Concentric Exhaust, Auto Draw-Off System, Sight Glasses...



2' x 6' Gas-Fired Liberator with Raised Flue Pan Set and Same Side Reverse System.

Stainless Steel Arch Sides, Base Stack & Stack Pipe

The arch's rectangular hub for the Base Stack allows heat to be drawn across the full width of your pans.

High Output Pan Sets
See Drop Flue and Raised Flue options, pgs 17 - 18.



Peep Window
No more guessing what is going on in the combustion chamber.

Fully Steel Framed
Incredibly strong!

Leveling Bolts
Hardware included to ensure your arch is sitting level so that sap depth is consistent throughout the pan set.



BUNDLING DISCOUNT: We include a **FREE Rail Gasket** with every Full Liberator (Arch + Pan)

FACT

The Liberator Arch does NOT require firebrick!

Since the Liberator is oil-fired or gas-fired, you do not need to protect the insulation with Firebrick as you would with a wood-fired evaporator. This results in both a quicker start up and shut down.



Premium Carlin® Burners

Oil-Fired (left) or Gas-Fired (above)

Carlin is an industry leader in oil-fired and gas-fired burners, known for superior fuel/air mixing, smooth light-offs and quiet operation. Tested. Proven. Reliable. Backed by an unrivaled warranty.



Pricing and more details available at [SmokyLakeMaple.com/liberator-options](https://www.SmokyLakeMaple.com/liberator-options)


GAS-FIRED FINISHER/EVAPORATOR

 PROPANE (20 PSI) OR NATURAL GAS (2 PSI)

This bench-top unit features the Smoky Lake exclusive, high efficiency air-cooled jet-burners. The arch is fully insulated so the heat is directed into your pan, rather than spilling into the room and wasted.



Scan for video or go to
SmokyLakeMaple.com/
barrel-to-bottle

 **FREE Shipping and Pan Accessory Kit included with every full Gas-Fired Finisher/Evaporator.**

(Details on SmokyLakeMaple.com)



< 2' x 4' Gas-Fired Finisher/Evaporator with Flat Pan and Thermometer

SPECS

16" x 30"
(3 Jet Burners)

2' x 4'
(5 Jet Burners)



Pan Styles

Flat or Divided (See p 13 - 14)



Capacity

2 gallons per inch of depth

5 gallons per inch of depth



Evaporation Rate*

4 - 5 GPH

10 - 12 GPH



Time to Bring Room Temp Sap to a Boil**

Under 8 minutes

Under 8 minutes



LP Fuel Consumption

5.5 lb of LP
per hour at a moderate
rate of fire

9 lb of LP
per hour at a moderate
rate of fire

*This rate is approximate as there are many variables to consider. This estimate assumes a moderate rate of fire.

**This estimate assumes your sap depth is 2" and under a moderate rate of fire. Adding depth will increase time to reach boil.

CUSTOMIZE IT!

Thermometer options, Lid, Float Box, Feed Pan, Sight Glass, Auto Draw-Off System, Cart, Table, Hydrometer Holder...



Pricing and more details available at SmokyLakeMaple.com/gas-fired-finisher

MAINTAINING SAP DEPTH

**NEVER
SCORCH
YOUR
PANS/SYRUP!**



Deluxe Sight Glass

(Install photo on p 29, 41)




Feed Pan

(Install photos on p 13, 22, 24, 41)



Inlet Float Box

(Install photos on p 16, 25, 27, 29, 42)

Primary Benefits	Allows you to clearly see the current sap depth in your pan, even during an aggressive boil with lots of steam.	Constantly trickles raw sap into your evaporator pan to replace what is being lost in steam. Also preheats sap and serves as a small head tank.	Automatically sustains a set depth in your evaporator pans. Helps maintain the gradient in Divided Pans and works great with Sight Glasses.
Compatible Pan Styles	Optional add-on for any Smoky Lake evaporator pan. Depending on the Sight Glass model, it connects either to a pan's inlet/outlet port OR to a Float Box.	Optional add-on for any Flat, Divided, or Hybrid Pan. Can also be used in tandem with a Float Box if desired.	Optional add-on for any Divided or Hybrid Pan. Included standard with every Smoky Lake High Output Drop Flue and Raised Flue Pan Set.
Compatibility with Hoods	YES! Highly recommended	-	YES! Highly recommended
Models and Variations	<p>Connect to 1/2" NPT Draw-Off Port (StarCat) SL-STARSTGLS (p 41).....175</p> <p>Connect to 3/4" NPT Draw-Off Port SL-STGLSDO.....175</p> <p>Connect to Float Box SL-STGLSFB (p 29).....175* *Bundling discount available when purchased with a Float Box</p>	<p> FREE Valve and Attachment Clips included!</p> <p>16" Width (StarCat) 2.5-Gallon Capacity SL-FDPN16.....215</p> <p>20" Width (Dauntless) 4-Gallon Capacity SL-FDPN20.....265</p> <p>24" Width 5-Gallon Capacity SL-FDPN24.....265</p>	<p>For StarCat Divided SL-INF BXSTAR.....470</p> <p>For Standard Divided SL-INF BXDIV.....470</p> <p>For Hybrid Hobby Pro SL-INF BXHY.....470</p> <p>For Dauntless Hybrid SL-INF BXDNTHYB.....470</p> <p>Float Boxes are included standard with every High Output Pan Set</p>



FREE SHIPPING
in Continental USA



DISCOUNTS AVAILABLE
For add-ons/bundling



TIG WELDED IN USA
By Artisans at Smoky Lake

THERMOMETERS

FOR EVERY PURPOSE!

**BEST
FREAKIN'
SELECTION!**



Stack Thermometer
120 - 1200° F / 50 - 650° C

USED WITH: Evaporators

PURPOSE: Fuel Efficiency
and System Monitoring

HOW IT WORKS: Stack
temperature decreases as fuel
burns away. This thermometer
helps you optimize the
intervals at which you
add fuel to the firebox for
highest efficiency.

OPTIONS:

4" Dial, 10' Lead

SL-STKTMP4 160

6" Dial, 17' Lead

SL-STKTMP6 199



**STACK
TEMP
DEMO!**

Scan this code with
your phone or visit
**SmokyLakeMaple.com/
stack-temp-guide**



Boiling Thermometer
0 - 50 Scale

USED WITH: Evaporators

PURPOSE: Monitor Syrup
Progress While Boiling

HOW IT WORKS: Syrup
finishes at 7° above the boiling
point of water. Calibrate the
thermometer in boiling water
and then wait for syrup to
reach the "7" while boiling.

OPTIONS:

3" Dial, 6" Stem, 1/4" NPT

SL-TH05036 49.50

3" Dial, 9" Stem, 1/4" NPT

SL-05039 49.50

3" Dial, 12" Stem, 1/4" NPT

SL-050312 49.50

5" Dial, 6" Stem, 1/4" NPT

SL-05056 60.50

5" Dial, 9" Stem, 1/4" NPT

SL-05059 60.50

5" Dial, 12" Stem, 1/4" NPT

SL-050512 60.50



NEW!
Bottling Range
Labeled in Red!

Bottling Thermometer
0 - 250° F Scale

USED WITH: Bottlers/General

PURPOSE: Maintain Syrup
Temperature in the Perfect
Range for Bottling

HOW IT WORKS: When
bottling, keep syrup above
180° F to prevent premature
spoilage and below 190° F to
prevent sugar sand.

OPTIONS:

2" Dial, 6" Stem, 1/4" NPT

SL-TH025026 38.50

3" Dial, 4" Stem, 1/2" NPT

SL-TH025034 49.50

3" Dial, 6" Stem, 1/4" NPT

SL-TH025036 49.50



**BOTTLING
DEMO!**

Scan this code with
your phone or visit
**SmokyLakeMaple.com/
barrel-to-bottle**

FILTERING METHODS

SIDE BY SIDE COMPARISON...



Cone Filtering

(See SmokyLakeMaple.com)



Flat Filtering

(See Steam Bottlers, pgs 35 - 36)



Stainless Steel Filter Press

(See SmokyLakeMaple.com)

	Cone Filtering	Flat Filtering	Stainless Steel Filter Press
Syrup Clarity	GOOD	BETTER	BEST
Main Benefit	Very economical. Doesn't require any additional equipment.	Steam Bottlers (p 35) streamline the filtering and bottling process.	Smoky Lake offers the FIRST and ONLY stainless steel Filter Press. Indisputably food grade.
Ease of Use	Cone Filters are loved for being very straight forward to use. However, they can also be a bit clumsy and messy.	Excellent upgrade from Cone Filters! Simply shimmy out the top prefilter whenever syrup flow slows.	Our illustrated instruction manual and video tutorials will walk you through the process. You will get the hang of it quickly!
Consumables	Reusable filters! See care instructions on the package.	Reusable filters! See care instructions on the package.	Disposable paper filters and Filter Aid
Amount of Syrup Waste	Moderate. Some syrup will be soaked up into the cone filters, and later rinsed down the drain.	Moderate. Some syrup will be soaked up into the flat filters.	Very Little. After filtering, very little syrup remains in the press. Any syrup that lands in the drip tray can be reserved for your next filtering session.
Filtering Speed	Prewet the filters and use hot syrup for best results	A new Vacuum Filter Applicator is now an optional add-on to accelerate filtering speed.	The filtering goes fast! Especially when using an air pump because it frees up your hands.
Related Equipment	Beginner Filtering Kit SL-BFTRK.....28.50 Cone Filter Tank SL-CONETNK.....340	Precut Flat Filter Set SL-FFSET.....30 Steam Bottler See options on page 35	Filter Press See options on SmokyLakeMaple.com Filter Paper SL-7PAPER20 Several quantity options available Filter Aid SL-DE.....58

THIS OR THAT?

"So Many Methods of Filtering Syrup. Which Do YOU Prefer and Why?"



Filter press, hands down! Definitely does a better job filtering.

Paige Woods
Maine



We moved to the filter press last year. Man, what a great addition. No more waiting for syrup to drain through cones.

Thomas Woodhead
Pennsylvania



Can't afford the press at this time, but prefer the flat over cone. We get more surface area with flat, and it's easier to remove pre-filters and clean.

Abby Tritt
Wisconsin



85 gals syrup through your 16" x 16" flat filter with vacuum last year. Washing multiple filter sets is critical, but we are pleased with clarity... Don't want to use diatomaceous earth as filter aid, so this works well for us.

Nicholas A. Reeves
Mottville Maple
New York



Join the Conversation at
Facebook.com/smokylakemaple



SCAN CODE for Video.

A Smoky Lake Filter Press efficiently processes a large batch of syrup in tandem with a Small Water Jacketed Bottler.

youtu.be/VD-7k8Jdd5Y



April 10, 2022
Nick and Jimmy Tackle the Filtering and Bottling at Smoky Lake Headquarters.

COMPLETE STEAM BOTTLER

 **GAS-FIRED OR ELECTRIC**

SPIN ME
360°
On SmokyLakeMaple.com



BENEFITS...

- ✓ **Goodbye Sugar Sand!**
The Steam Tray helps eliminate the hot spots which would otherwise generate sugar sand.
- ✓ **Versatility**
This one piece of equipment can be used for many tasks: filtering, finishing and bottling.
- ✓ **Speed**
Hot filtered syrup can be bottled immediately.
- ✓ **So Easy to Use**
Flat Filters are an extreme upgrade from Cone Filters. Expect fewer spills and far less mess.

[J] Gas-Fired Steam Bottler

12" x 12" (6-1/2 Gallon)

SL-GSBS950 912

16" x 16" (13-Gallon)

SL-GSBS1025 984

[K] Electric Steam Bottler

12" x 12" (6-1/2 Gallon)

SL-ESBS1010 969.60

16" x 16" (13-Gallon)

SL-ESBS1085 1041.60



FREE SHIPPING
in Continental USA



DISCOUNTS AVAILABLE
For add-ons/bundling



HANDCRAFTED IN USA
By artisans at Smoky Lake



MOST VERSATILE EQUIPMENT FOR FILTERING AND BOTTLING.

ALL INCLUDED

Lid with Handle

Filter Tray

Filter/Finisher/Bottler Pan



FREE Accessory Kit

- Drip-Resistant Tomlinson Valve
- 0 - 250°F Thermometer
- Precut Filter Set (Not pictured here.)
- Refill Tube

Steam Tray

(Electric version with rubber feet shown on p 35, Fig K)

Heat Source

(Either a Propane burner with stand OR Electric Heating Element for the Steam Tray)

Illustrated Quick Start Guide

(Not pictured here.)



OPTIONAL ADD-ON: Valve Reducer

Very helpful for filling bottles with smaller mouths.

CUSTOMIZE IT!

Vacuum Filter Applicator System

This popular accessory for the 16" x 16" Steam Bottler accelerates filtering by pulling your syrup through the flat filters with a vacuum. Check out the link below for a video demonstration and product review from The Maple Dude.

SL-VACKIT \$430
Bundle Discount Available!



FREE 14" x 14 Precut Filter Set included with every Vacuum System



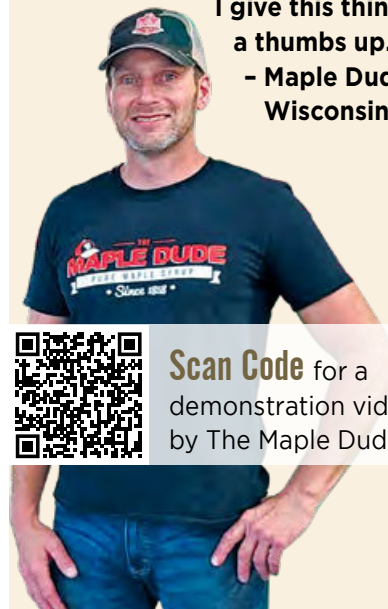
Steam Bottler



Much much faster than the old gravity method...

I give this thing a thumbs up.

- Maple Dude Wisconsin



Scan Code for a demonstration video by The Maple Dude.

HOW TO CHOOSE THE BEST HYDROMETER

1 What Are You Testing?



SAP / R.O. CONCENTRATE

Scale = 0 - 12 BRIX



SYRUP

Scale = 45 - 75 BRIX

2 Legibility

Competitor
12" Hydrometer
(For Comparison)



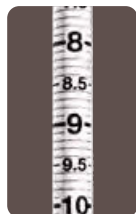
Numbers too far from the scale lines

Smoky Lake
7" Hydrometer
SL-7SH



A line marks every half of a BRIX

Smoky Lake
12" Hydrometer
BR-SAP12



A line marks every tenth of a BRIX

Competitor
Hydrometer
(For Comparison)



Most lines on the scale are unlabeled

Smoky Lake
Standard
Hydrometer
SL-H





Every BRIX is clearly labeled. Back side includes BAUME.

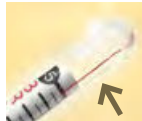


Smoky Lake
GOLD SERIES
Hydrometer
SL-GOLD



Features

	SL-7SH	BR-SAP12
Storage Tube & Compensation Chart	✓	✓
Traceable Serial Numbers	✓	✓
Type of Ballast	Solid! Never pellets!	
Vermont Certification Available	-	✓
Compatible Test Cup Accessory	Etched Test Cup SL-ETCHCUP \$29.50	Extra Tall Test Cup SL-12C \$40
	 \$22	 \$32

Features

	SL-H	SL-GOLD
Storage Tube & Compensation Chart	✓	✓
Traceable Serial Numbers	✓	✓
Type of Ballast	Solid! Never pellets!	Upgraded Food Grade Alloy
Calibration Marker w/ Warranty	-	
Vermont Certification Available	✓	✓
Compatible with Murphy Cup/Float	✓	✓
	 \$26	 \$38



FREE SHIPPING
in Continental USA



MADE IN THE USA
Handblown Glass

DENSITY TESTING CROSSWORD



SIMPLIFY DENSITY TESTS

The dial on the Murphy Compensation Cup/Float enables quick hydrometer readings, at ANY syrup temperature.

Your readings will be so much more meaningful and precise, you'll wonder how you ever used a hydrometer without it.



J Murphy Compensation Cup

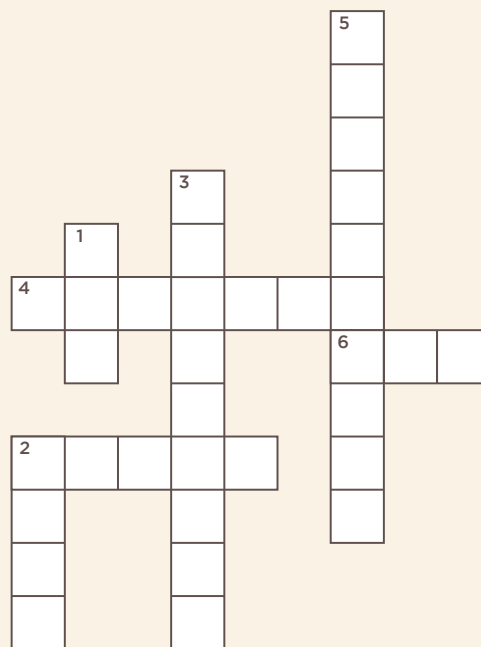
SL-MURPHY 149.00

K Murphy Compensation Float

SL-MURPHYFLT 149.00



BUNDLING DISCOUNT AVAILABLE
when you add a GOLD SERIES Hydrometer



ACROSS

- 2) Before the Murphy Compensation Cup/Float were invented, maple producers had to reference a compensation _____.
- 4) A Murphy Compensation Float works great inside a _____.
- 6) The Murphy Compensation Cup/Float allows for quick, precise hydrometer readings at ____ syrup temperature.

DOWN

- 1) The ____ TEST line on a hydrometer is relevant when syrup is exactly 211°F.
- 2) The ____ TEST line on a hydrometer is relevant when syrup is exactly 60°F. (USA calibration standard)
- 3) The Murphy Dial is NOT powered by _____.
- 5) The Murphy Dial comes professionally _____ and ready to go.

Answers on page 40

AUTHENTIC

SMOKY LAKE MAPLE PRODUCTS

Avoid scams and counterfeit merchandise by purchasing factory direct on SmokyLakeMaple.com, or from one of our trusted partner storefronts.



MAPLE HEADQUARTERS

208 N 12th Street
Hilbert, WI 54129
SmokyLakeMaple.com
920-202-4500

We do also have a handful of additional vendors who carry smaller items such as Murphy Compensation Cups.

For more information, visit SmokyLakeMaple.com/dealers



1 THE MAPLE DUDE

Tim Sternitzky
W1417 US Hwy 10
Granton, WI 54436
TheMapleDude.com
(715) 571-3329 • (715) 238-7208



2 LONGVILLE GENERAL STORE

Jon Hokanson
1479 Co Rd 5 NW
PO Box 48
Longville, MN 56655
(952) 239-9913



3 HOLLOW POINT RANCH & SUGARBUSH

Tracey & Greg Mackenzie
164 Vaile Rd
Renfrew, ON K7V 3Z9
Canada
(613) 433-4187

STEWARDSHIP

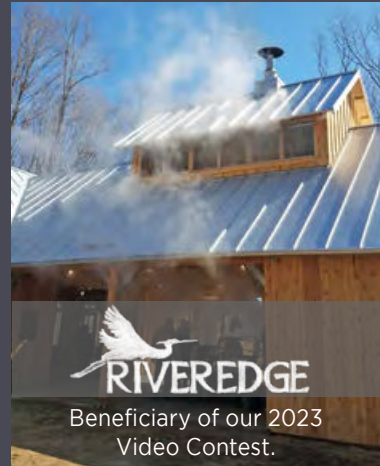
Thanks to your support, Smoky Lake was able to give back to a variety of very worthy causes this past year! Thanks for helping to make the world a better place!



This was Smoky Lake's second year riding to fight kid's cancer and raise money for the Children's Cancer Research Fund.

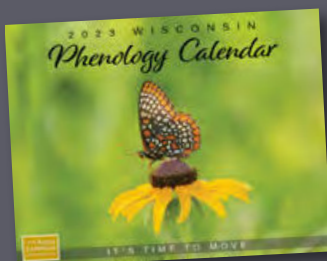
15,700 American children are diagnosed with cancer every year, and we want to give them the brighter futures that they deserve.

All donations on the Smoky Lake fundraiser page were proudly matched, dollar for dollar, by Smoky Lake Maple Products.



Volunteer Day!

The 2022 Fox-Wolf Watershed Clean Up eliminated over 4 tons of trash from local waterways and parks! Thanks to Alysha for spearheading this initiative.



Through our valued partnership with the Aldo Leopold Foundation, Smoky Lake was able to share some really popular perks this year, including a free "My Healthy Woods" guidebook and the Aldo Leopold Foundation's 2023 Phenology Calendar.

We highly encourage you to check out AldoLeopold.org. We are inspired by all they are doing to educate and to weave land ethics into the fabric of our society.



We continue to support the foundation's efforts to save the endangered Whooping Crane.

Crossword Puzzle Answers (See Page 38)

ACROSS: 2 CHART, 5 BOTTLER, 7 ANY

DOWN: 1 HOT, 2 COLD, 3 BATTERIES, 6 CALIBRATED

All beneficiaries are vetted in a third party evaluation process.

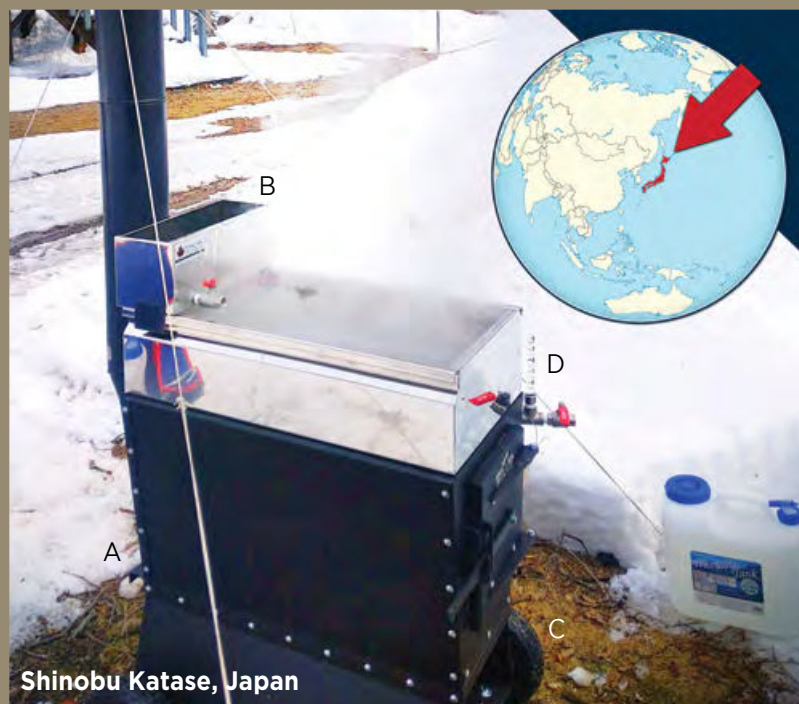
To learn more, please visit SmokyLakeMaple.com/giving-back

2022 YEARBOOK



CHEERS TO YOU!

Here is just a small sampling of the happiness and successes you had shared with us last year. (Our 2023 yearbook is coming soon!) It has been exhilarating to handcraft premium maple equipment for the industry's nicest maple producers! Not just in the United States, but all over the world (See the photo below from our fellow maple producer in Japan!) The love of maple knows no boundaries.



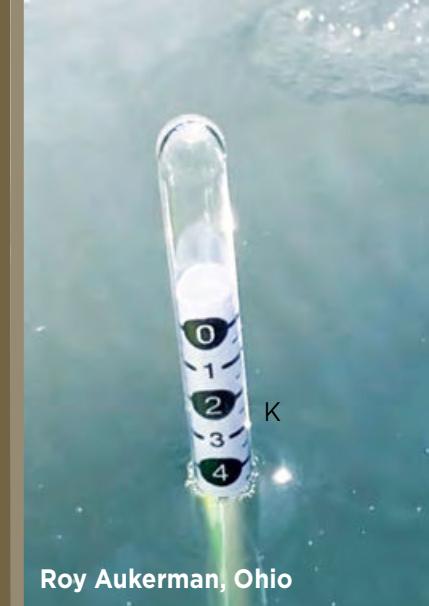
PRODUCT REFERENCE

- A** | StarCat Evaporator, p 21
- B** | Feed Pan, p 31
- C** | Pneumatic Tire Set, See Website
- D** | Sight Glass, p 31
- E** | 5" Dial Thermometer, p 32
- F** | 45° Cut-Off, See Website
- G** | Corsair with Drop Flue Pan Set, Standard Configuration, p 25
- H** | Automatic Refill Head Tank, See Website
- J** | Auto Draw-Off System, See Website
- K** | Smoky Lake Sap Hydrometer, See p 37
- L** | Dauntless Evaporators, See p 23
- M** | Inlet Float Boxes, See p 31
- N** | 16" x 30" Gas-Fired Finisher/Evaporator with Divided Pan, p 30
- O** | Industrial Stainless Steel Cart, See website.





Lyle Bauer, Wisconsin



Roy Aukerman, Ohio



Wright Family, Wisconsin



Paige Woods, Maine



Nigel McArthur, Ontario, Canada



Kevin Duval, New Hampshire



Smoky Lake
MAPLE PRODUCTS™

208 N 12th Street
Hilbert, WI 54129
(920) 202-4500

THIS IS WHAT IT BOILS DOWN TO...™



THE BEST EQUIPMENT

ALL Smoky Lake pans and evaporators are handcrafted by skilled artisans in Hilbert, Wisc. We stand behind our TIG welds with a limited lifetime warranty.



A BETTER PLANET

Thanks to your support, Smoky Lake gives back to a wide variety of worthy causes: conservation, veteran assistance, health, animal welfare, and more.



FREE SHIPPING

No, you won't need a "Prime Membership." You are always our VIP. Free shipping within the continental USA on nearly everything. We've got you covered.



FREE GIFTS

We will be happy to continue our popular FREE Gift Card promotion this summer. Find exclusive deals on our Facebook page and periodic give-aways on our website.



Please recycle this catalog by sharing it with a friend!