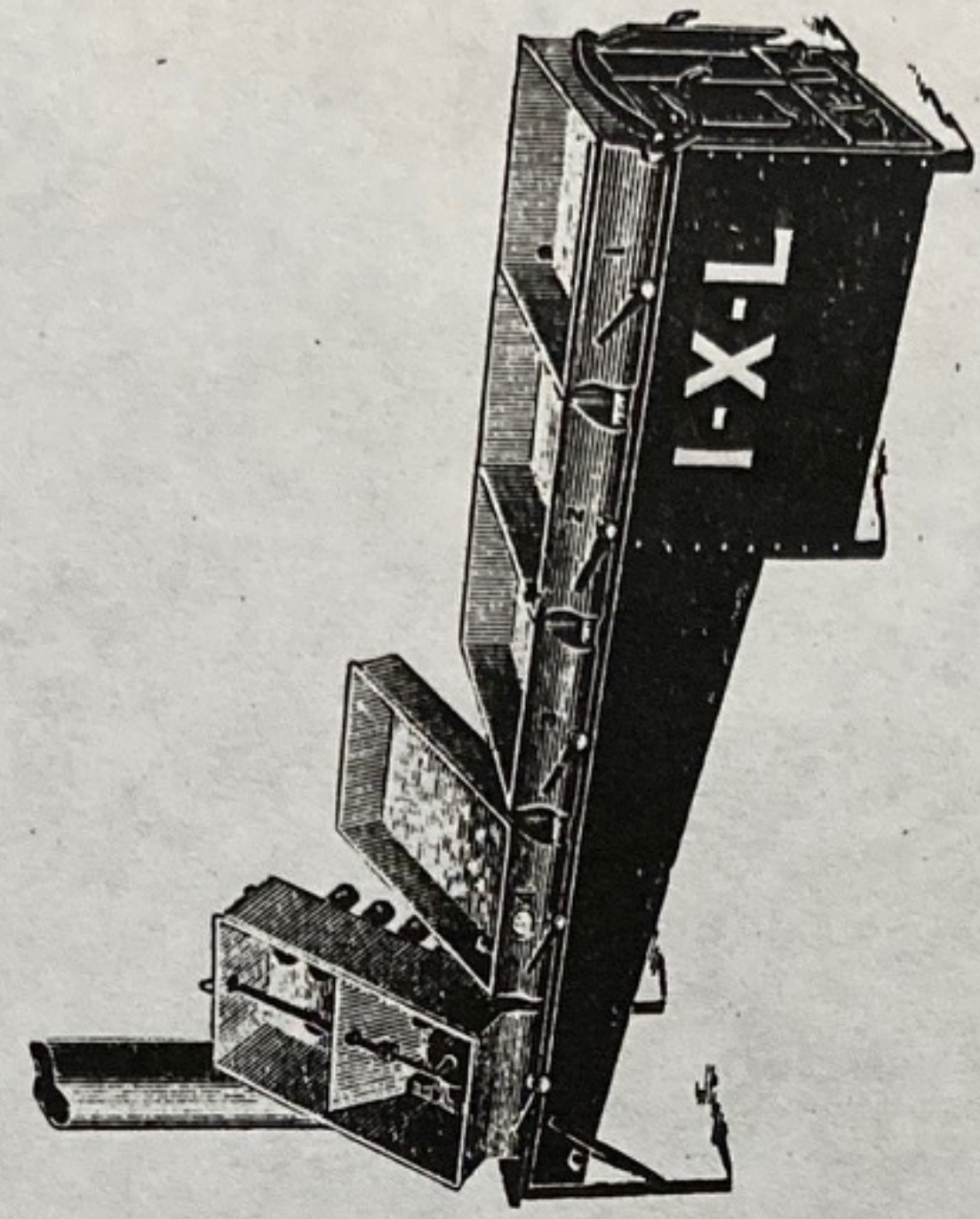


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CATALOGUE LIBRARY

I. X. L.
EVAPORATOR



Manufactured by
WARREN EVAPORATOR
WORKS
WARREN, OHIO

USE 26 1929



CATALOGUE

OF THE

I. X. L. EVAPORATOR

MANUFACTURED BY THE

WARREN EVAPORATOR WORKS



MILTON MATHEWS, PROP.

WARREN, OHIO

Office and Works, North of A. Y. & P. Depot

F. W. PERRY, PRINTER
WARREN, OHIO

ATTENTION, SUGAR MAKERS!

We would Call Special Attention of Sugar Makers to our New I. X. L. Evaporator

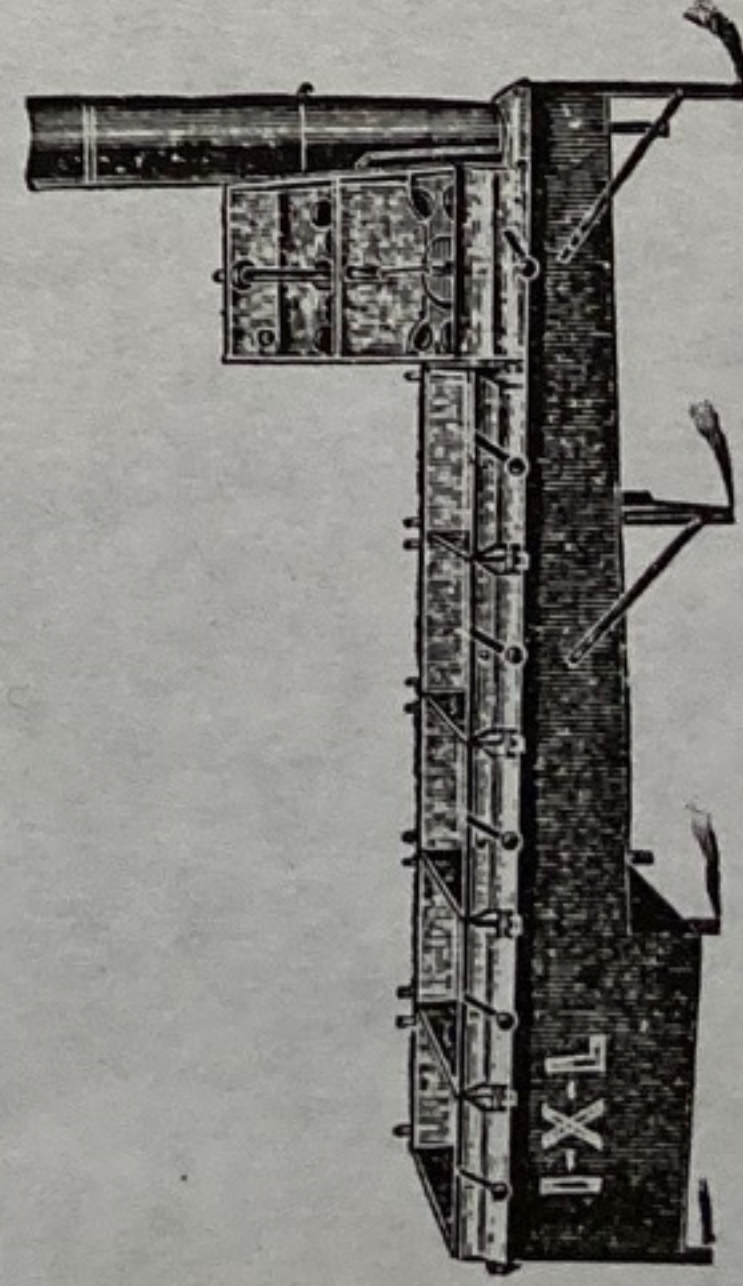
This Evaporator we consider superior to all others for the following reasons:

FIRST.—One man can operate any size without help.

SECOND.—No lifting of pans. They simply swing up and off the arch by means of the union, which also acts as a connection between pans, whereby the sap flows through from one pan to another, keeping all pans of desired depth of sap, allowing none to run dry or run over, and requiring no watching.

THIRD.—Can draw syrup out of any pan desired.

FOURTH.—When pans are swung off, leaves them in better shape for washing and cleansing than any other. Pans are all of one sheet—no corrugations or partitions to become unsoldered, or to keep clean.



Right Handed

This Cut Shows Evaporator 12 feet Long.



Left Handed

10 Feet Long

This Cut Shows Pan and Heater Partially Raised

THE I. X. L. EVAPORATOR

CONSTRUCTION OF THE ARCH

OUR Arches are made of the best quality of Muck Bar Puddle Sheet Iron, with $1\frac{1}{2}$ inch steel angles for legs, and $1\frac{1}{2}$ inch steel Angles extending along the top of Arch for Pans to rest upon. Cast Iron Stack Plate. The front of Arch has heavy Cast Frame, with double doors and register door at ash pit, with good Grates and Stack enough for draft, constitutes the Arch.

OUR PANS

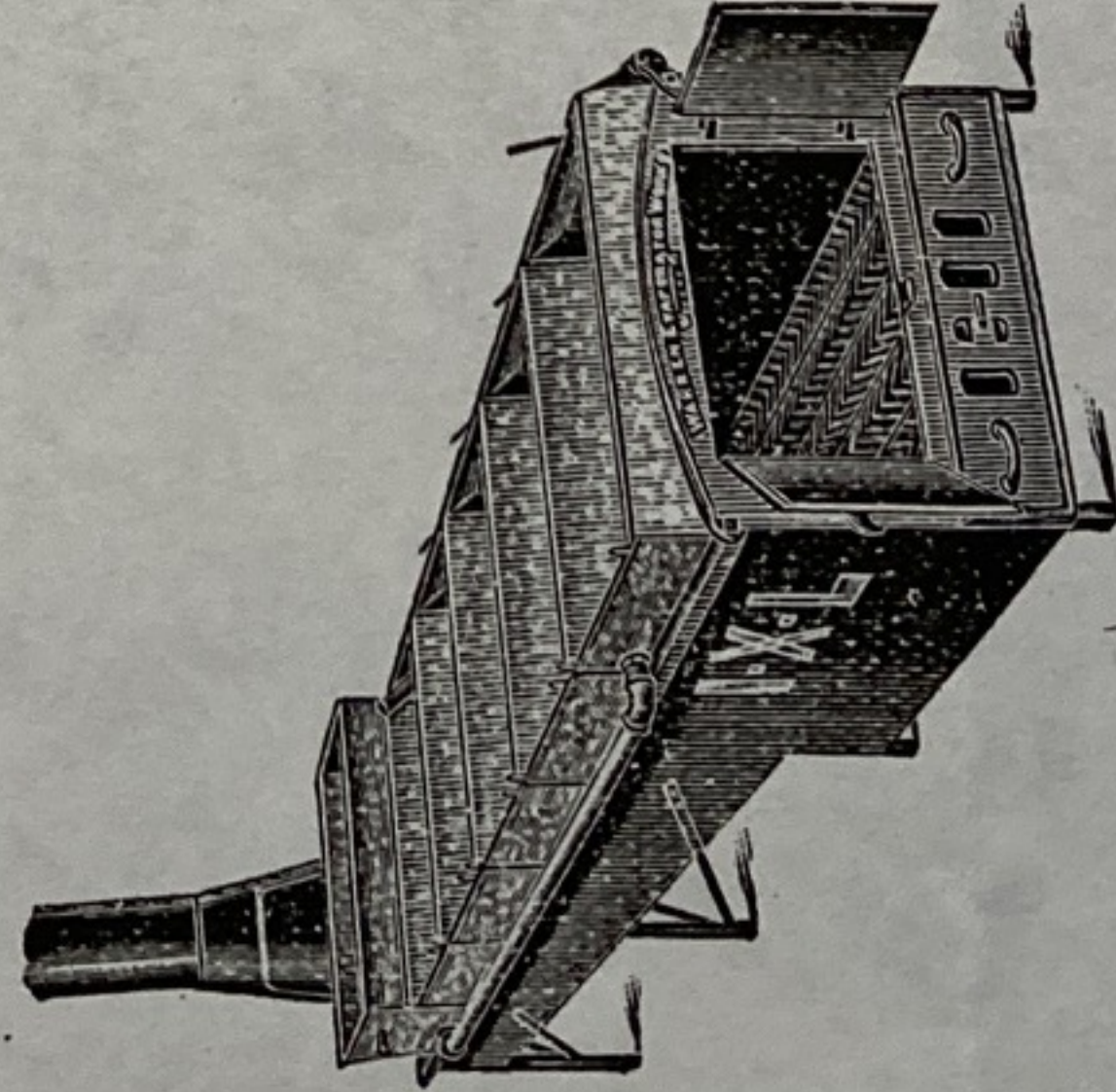
Are made of the best quality of bright Charcoal Tin Plate, 20 gauge in thickness. When wanted for cider or jellies, of Copper.

Our Evaporators are made

WITH OR WITHOUT HEATERS
Also right or left handed.

Our Heaters are constructed with cups extending six inches below body of Heater, and are placed diagonally across, so that the flame is checked before going into chimney, thereby getting the greatest benefit from the heat and it is just as easy to operate and handle as a pan.

With our I. X. L. Evaporator we do away with all syphon business as they are liable to stop flowing at any time, and cause your pans to be burned. Ours is a constant flow from the front to the rear, as our connections (which are also a hollow hinge, allowing pans to swing off thereon,) have a hole through them 1 1/2 inch in size, and are placed on a level with bottom of pans,



Right Handed

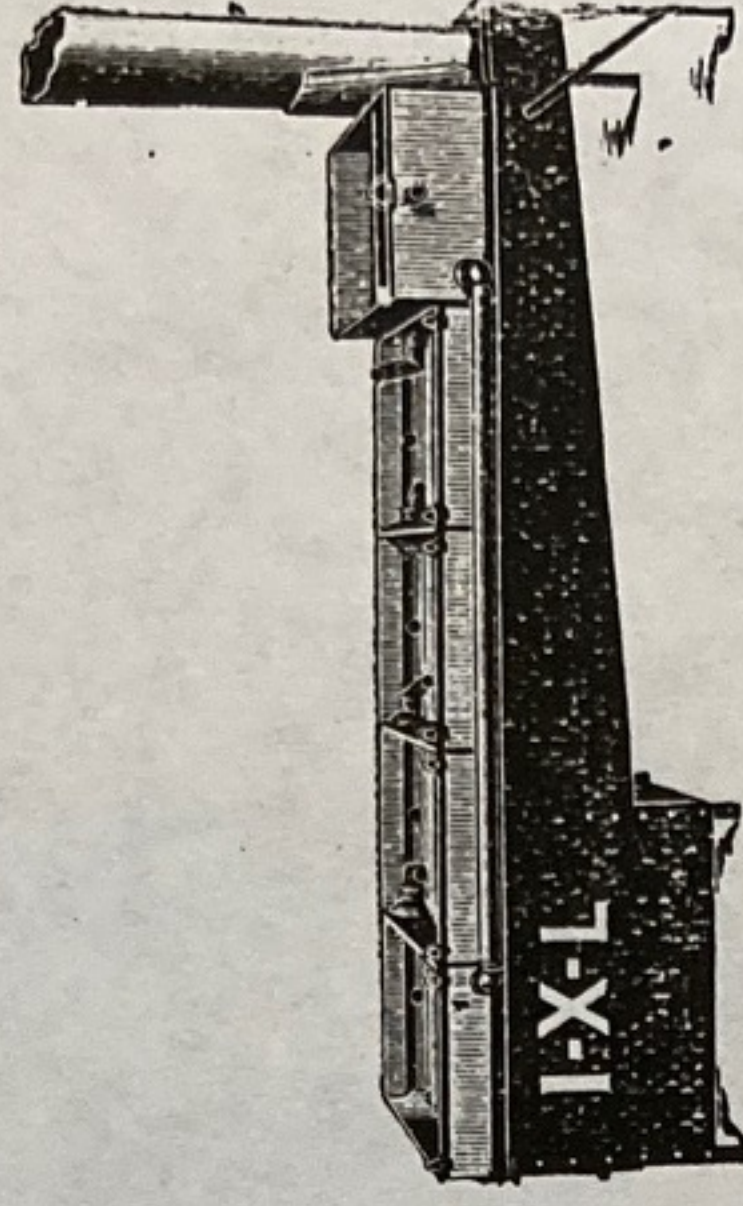
Size 4x12 Feet

View of Other Side of Evaporator Shown on Page 2

thereby insuring perfect distribution of sap in Evaporator. Our regulator is the most simple and

PERFECT REGULATOR

in use and in every way our I. X. L. Evaporator is the most common sense evaporator in use.



Left Handed

Size 4x10 Feet

Taken all in all, no sugar maker can afford to get along without a first class Evaporator. Nothing on a farm pays as well, and with as small an expense, and always a sure crop; and our advice to you is, don't buy any other Evaporator until you see the I. X. L., as it

DON'T REQUIRE AN ENGINEER

to run it. Our Wrought Iron Arches are extra heavy, and made of first class material, and will last a life time if proper care is taken of them.

We wish to say to you, one and all, don't put off ordering your sugar camp fixtures until it is

too late. See to it that your order is sent in as early as possible--you pay no sooner by giving an order early in the fall. While the roads are good and the weather nice, is the best time to fix up your sugar camp. Get your wood under cover if possible, set your Evaporator up, and be ready. Many lose some of the best runs by not being ready in time.

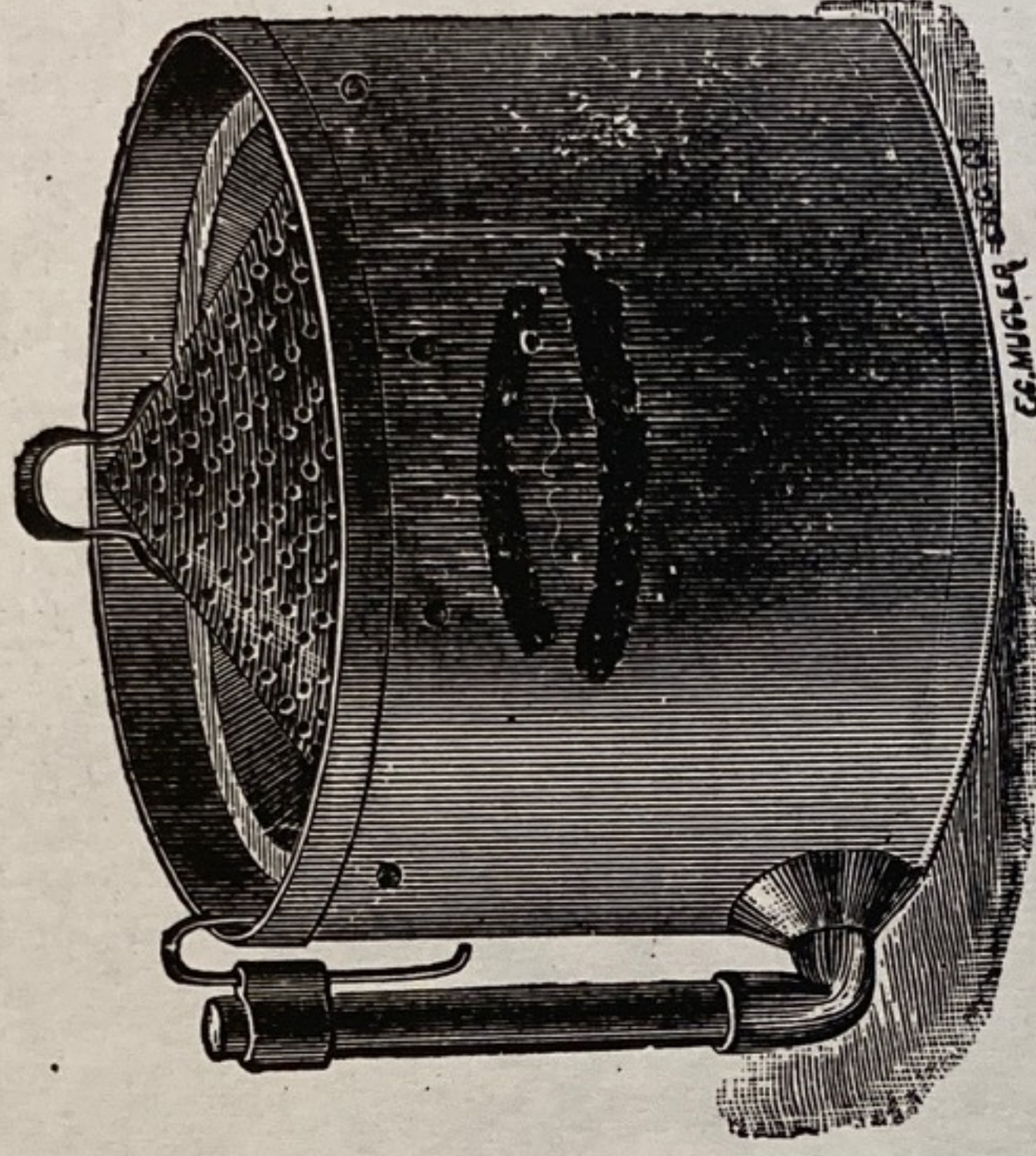
Manufacturers at times find it impossible to fill orders for weeks in the midst of the busy season and this means a loss to those who have waited until the eleventh hour, so be up and doing. Send in your order. If you don't know what you want, ask us; we can tell you. We will wait on you for our pay, provided you are responsible, and if you are not, give your order to that other fellow; we don't want it.

REASONS WHY A STRAIGHT-SIDED ARCH IS BETTER THAN A FLARING ARCH.

The Arch does not incline to spread apart like a flaring one, as the brick wall stands up straight on sides, and the weight of brick is not on the sides like on a flaring arch. Also, with a straight sided arch, you get a better sized fire box. If any person desires it flaring they can line up a straight arch as flaring as they may desire. The round chimneys we use are far preferable to any square chimney, as, on a square chimney, the dead air settles in the corners and affects the draft. All machine shops, rolling mills and factories of all kinds, use round stacks, as they

know they are the best. We use heavier castings than any other people in our line of trade. Iron arches are preferable to brick arches, as the frost does not affect them. They are clean. er, have a better draft, and give better satisfaction.

HAULING TANK.



Above we call your attention to our Galvanized Iron Hauling Tank, or Draw Tub, as it is sometimes called. We solder them inside and out, and warrant them not to leak. As will be seen by reference to the cut, the top is provided with a cone-shaped strainer, that keeps out all kinds of dirt, flies, bark, leaves, bugs and bees. The ice from

the pails can be poured on to the tank and allowed to drain while you are passing from tree to tree.

It is also provided with a draw-off attachment which is fastened up to the rim by a hook while gathering, and unfastened and let down when you wish to empty the tank. It is easily kept clean, as it has no cracks, crevices or places where the sap can get in and sour, does not require soaking two or three days before it is fit to use; never wastes sap and is easily emptied.

It is also very convenient to draw water for house use, threshing machines, and other purposes. Costs but little more than a wooden tub, and will last a life time.

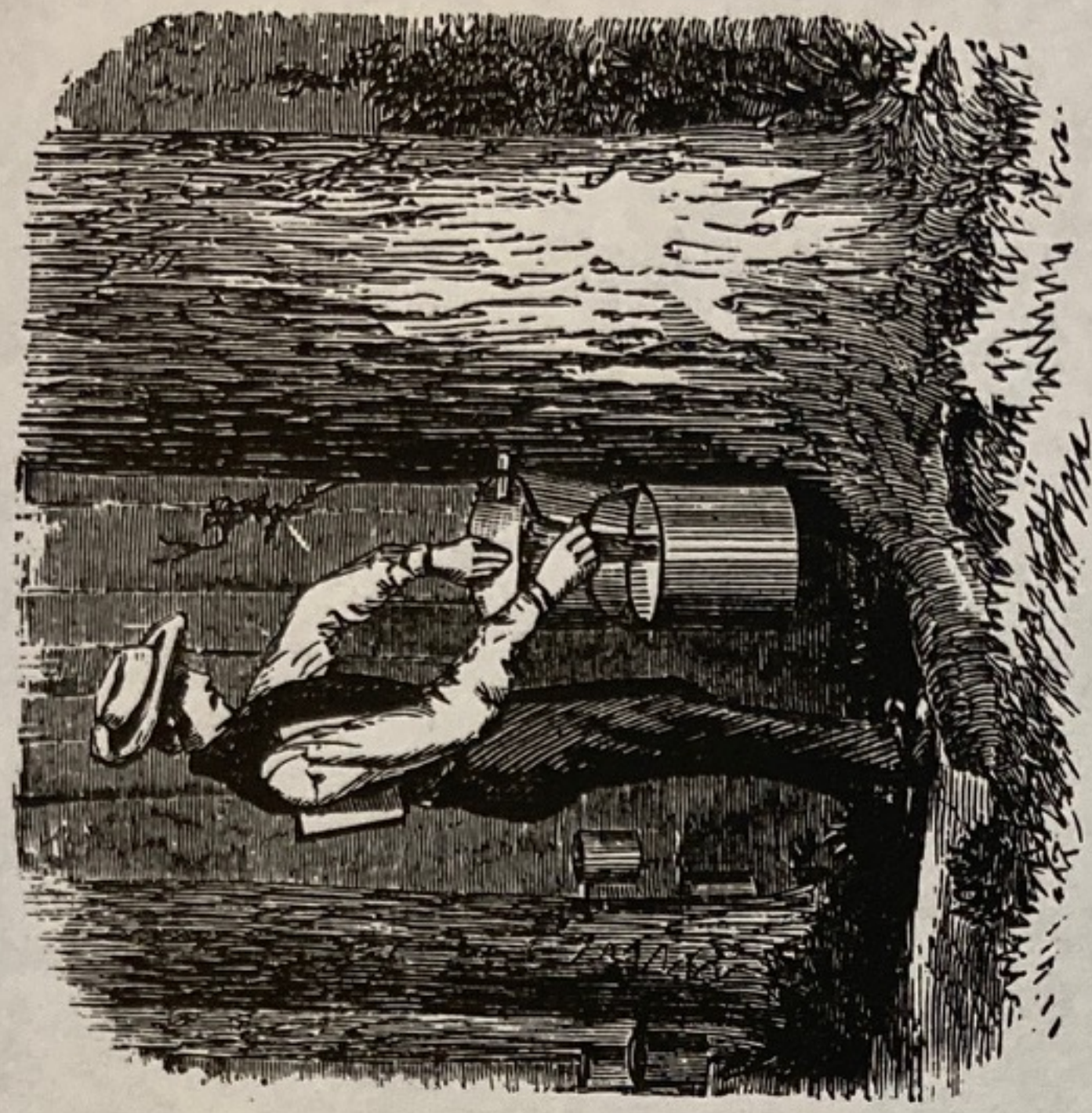
WHAT GOES WITH AN EVAPORATOR

Wrought Iron Arch, with
Grate Bars and smoke stack.
One set of Pans.
One Regulator, with
Rubber Hose Attachment,
One Saccharometer.
One Scoop.
One Skimmer and Pulleys.
Our Evaporators can be used on a Brick Arch
Each purchaser pays his own freight, and furnishes his own brick to line up his Arch. It takes from 200 to 400 according to size of Arch.

Accounts of Sorghum and Cider Evaporators are considered due the 1st of each January, and Sap Evaporators the 1st of each May.

GALVANIZED SAP PAILS

We Handle Pail Covers.



REASONS WHY THEY ARE SUPERIOR TO OTHER PAILS.

They do not rust, as when made of tin.
Do not draw the heat, and
Sap keeps cooler and does not sour.
Neither does the sap soak into them as when made of wood.

No hoops to get loose and cause leakage.

PRICE LIST.

EVAPORATORS	WITHOUT HEATER.	WITH HEATER.
3 ft. wide by 6 ft. long	\$ 50.00	
3 ft. wide by 8 ft. long	60.00	
3 ft. wide by 10 ft. long	70.00	\$ 80.00
3 ft. wide by 12 ft. long	80.00	90.00
4 ft. wide by 10 ft. long	90.00	105.00
4 ft. wide by 12 ft. long	100.00	115.00
4 ft. wide by 14 ft. long	110.00	125.00
4 ft. wide by 16 ft. long	120.00	135.00
5 ft. wide by 12 ft. long	130.00	150.00
5 ft. wide by 14 ft. long	140.00	160.00
5 ft. wide by 16 ft. long	150.00	170.00
5 ft. wide by 18 ft. long	165.00	185.00
5 ft. wide by 20 ft. long	175.00	195.00
Galvanized Iron Store Tanks—heavy:		
20 barrel	\$20.00	
18 barrel	18.00	
16 barrel	16.00	
12 barrel	14.00	
10 barrel	12.00	
8 barrel	10.00	
6 barrel	8.00	
4 ² / ₃ barrel	6.00	
Galvanized Sap Pails—without bails:		
12 quart heavy weight	.22	
12 quart light weight	.20	
15 quart heavy weight	.24	
15 quart light weight	.22	
Sap Spouts, Anchor, per 100	1.00	
Sap Spouts, Eureka, per 100	1.25	
Sap Spouts, Record, per 100	1.25	
Galvanized Iron Hauling Tanks:		
3 barrel, straight sides	8.00	
4 barrel, straight sides	10.00	

TESTIMONIALS

Pickens, W. Va., May 16, 1908.
Warren Evaporator Works.

Gentlemen:—The 4x12 Evaporator you shipped me is a daisy. I am more than pleased with it.
L. M. HULL.

Mr. E. T. Smith, of Springfield, Pa., writes us that there are five or six of the I. X. L. Evaporators in his locality, and that they all give perfect satisfaction.

Mr. Byron M. Bundy, of Sutton, Vermont, writes us that the I. X. L. Evaporator is all right. It is the best and handiest boiling rig, and I would recommend it to any one in want of a boiling rig. Size 4x12 with heater.

Warren Evaporator Works, Warren, O.

Gentlemen:—The Evaporator can't be beat. Good for the Warren Evaporator, long may she live. There is none better anywhere. I can sell far more syrup than I can make. Orders from everywhere. Size 3x12.

Respectfully yours,

D. C. SWANZER,
Tiosa, Ind.

Mr. Cyrus W. Stemple, of Blissfield, Mich., R. F. D. No. 1, writes us, April 16, 1906, saying: "The I. X. L. Evaporator I bought from you this season has more than paid for itself. It can't be beat and is all right. Size 3x6.

Chesterland, O., June 12, 1906.

Warren Evaporator Works.

Gentlemen: I have used the Champion, and the Cook Evaporators, but I have now bought four of the I. X. L. Evaporators for different camps, and all work to perfection. C. EDDY.

Warren Evaporator Works, Warren, O.

The I. X. L. Evaporator I bought from you I made 260 gallons of syrup last spring. They are a fine rig. There have been several to see it and they all pronounce it a nice rig. Size 3x12 with heater. Satisfactorily I remain,

FRANK KOCHENDORFER.

Tiosa, Ind., R. F. D. No. 5.

Ravenna, O., Feb., 1906.

Warren Evaporator Works, Warren, O.

Gentlemen:—I tried the 5x20 I. X. L. Evaporator and it works like a charm.

ALEX MARTIN.

West Burke, Vermont.

Warren Evaporator Works.

Gentlemen:—I have used your I. X. L. Evaporator and find it all you claim for it.

Respectfully,

G. W. FAIRBANKS.

D. D. Hobart, of Kinsman, O., says that the 4x12 I. X. L. Evaporator with heater is all O. K. I boil 30 bbls. in 10 hours.

Kenton, O. April 24, 1911.

Warren Evaporator Works.

Gentlemen:—I am well pleased with the I. X. L. Evaporator, and although I have but one arm, I find it very easy to operate. Size 4x10 with heater.

A. H. FULTON.

B. F. Smith, of Crystal, Mich., says, "I find the I. X. L. Evaporator first class in every way. Enclosed please find check in payment." Size 4x12 with heater.

John E. Rarick, Sycamore, Ind., says: "We are entirely satisfied with the work the I. X. L. Evaporator has done for us." Size 4x10 with heater.

Guy Britton of Boonton, N. J., says: "I wish to thank you for the way you got out my Evaporator. I have never seen it, but my father says it is a dandy, and that he is highly pleased with it, as it is in every way satisfactory." Size 4x12 with heater.

Chesterland, Ohio, July 13, 1911

Mr. Milton Mathews.

Dear Sir:—I have had 5 of your Evaporators and when I need another it will be an I. X. L. They are the best rig I ever run. They are all right in every way.

Yours truly,

GEO. E. BARNES

Little Marsh, Pa., April 5, 1908.
Warren Evaporator Works.

Gentlemen:—Your Evaporator works perfect. I handled the sap from 600 trees and will tap 700 next year. Size 4x12 with heater.

C. L. COLE.

G. W. Jacobs, of Lima, O., R. F. D. No. 6, under date of April 24, 1908, writes us that the Evaporator was a success in every particular. Size 3x10 with heater.

Ashville, N. Y., April 27, 1908.
Warren Evaporator Works.

Gentlemen:—We are more than pleased with the 4x12 I. X. L. Evaporator and tanks, etc.

Respectfully,

E. S. PENHOLLOW.

Novelty, Ohio, July 12, 1911
Mr. Milton Mathews,

Dear Sir: I have used one of your 4x16 Evaporators 14 years. It gave good satisfaction every way and was in good condition, but I hung up more buckets and needed a larger rig. I now have a 5x16. Used it two years and must say I am very much pleased with it.

Yours truly,

R. J. PATCH.

O. W. Brock of Albion, Pa., R. F. D. 4, writes us saying, "The 4x12 I. X. L. Evaporator with heater works fine. Am well satisfied."

Solon, O., June 24, 1907.
Warren Evaporator Works, Warren, O.

Gentlemen:—I can assure you I appreciate the way you have used me, and you can refer any one to me, as it is all O. K. and I want nothing more convenient or better than it is.

Respectfully,

S. J. HARRINGTON.

Sherodsville, O., March 27, 1907.
Warren Evaporator Works.

Gentlemen:—Enclosed find payment for Evaporator. As I said before, we are well pleased with the Evaporator.

UPTON D. GARSELL.

David K. Williams, of Farmersville, N. Y.: "I have run one of your evaporators for the last four seasons and I haven't had to boil all night like I did the old way."

W. L. Anderson, of Burk, Vermont, writes us: "I am very much pleased with my Evaporator. I think it is the best I have ever seen. Size 4x12 with heater.

Bellefontaine, O., April 1, 1908.

Gentlemen:—The Evaporator I bought of you last fall I am well pleased with, and the way it works. I think it the best I ever saw. Size 4x16 with heater.

Warren Evaporator Works.
 East Claridon, Ohio.

Dear Sir:—I have used the I. X. L. Evaporator for 13 years and it is the best Evaporator in the market. I have used the Success, Buckeye and Champion. I know what I am talking about when I say the I. X. L. is the best.

Yours truly,

FERNANDO DUNN.

—————
 Chesterland, O., July 13, 1911.
 Warren Evaporator Works, Warren, O.

I bought one of your Evaporators in 1887. I now have the second I. X. L. and when I buy another it will be an I. X. L. for there is nothing equal to them. I will say to those wanting to buy, don't buy an Evaporator without a heater. I have used them both ways. I have always got the highest prices for my syrup.

Yours truly,

W. D. WILDER.

—————
 G. D. Frerhwater, Delaware, Ohio, R. F. D. 8,
 writes, "The I. X. L. Evaporator bought from you has given me a great deal of satisfaction. I made 235 gallons of the finest syrup I have ever seen." Size 4x12 with heater.

—————
 North Jackson, O., May 3, 1911
 The I. X. L. Evaporator arrived in good shape and has done splendid work. Size 3x8.

O. T. KING.

Mr. Milton Mathews.
 Troy, Ohio, Burton, P. O.

Dear Sir:—I got one of your I. X. L. Evaporators in 1899; then I got one in 1902 and another in 1907, all for different camps. They are all in good working order yet. The I. X. L. is all right in every way.

A. D. PATCH.

—————
 Chagrin Falls, Ohio, July 17, 1911.
 Warren Evaporator Works, Warren, Ohio.

Gentlemen:—I have made a thorough examination of different makes of Evaporators and consider the I. X. L. the best in every way. For simplicity, durability and economy it has no equal. I have used one for thirteen years.

Respectfully,

M. S. FOWLER.

—————
 Mr. Geo. S. Mitchell, Berea, O., R. F. D. 3,
 writes us that he is well satisfied with his I. X. L. Evaporator and says it is fine and pleases him very much. Size 3x12 with heater.

—————
 E. J. Hanson, of Ashville, N. Y., says: "We are well satisfied with our I. X. L. Evaporator." Size 4x16 with heater.

—————
 A. J. Daugherty, Chagrin Falls, O., writes us, "I have used an I. X. L. Evaporator for 17 years, and consider them the best on the market, being very simple and easily operated.

Polk, O., April 3, 1908.

Mr. Ivor Landis says he is well pleased with his 4x14 I. X. L. Evaporator, with heater. Made 300 gallons of syrup, although the season was short.

Gerton H. Enzah, of Shiloh, O., writes us saying: "I am very well pleased with the 3x12 I. X. L. Evaporator (with heater), I bought of you. I have used it three years and like it better every time I fire it up. I made 235 gallons of syrup this year, of a very superior quality.

Corry, Pa., April 27, 1907, R. F. D. No. 8

Enclosed you will find check in payment for the 4x14 I. X. L. Evaporator with heater. The Evaporator is all O. K., with good fuel. Can boil 30 to 35 bbls. in 10 hours.

Respectfully,

E. O. SCHRAMLING

Florence, N. Y., May 1, 1906.

I received the Evaporator all right and was well pleased. And on April 29, 1907, same party writes us, saying, the longer he uses the Evaporator, the better he likes it. The size is 4x12 with heater.

Messrs. Ern Chambers & Sons, of Mansfield, Ohio, R. F. D. No. 6. write us April 25, 1908, that: "We like the new 5x17 with heater, very much, we made 832 gallons this year."

Sagertown, Pa., May 31, 1908.

Mr. Milton Mathews.

Dear Old Comrade: The new 4 x 12 with heater, I. X. L. Evaporator works dandy. I wanted to find a little fault with it, but I can't.
GEO. P. RYAN.

Titusville, Pa., April 22, 1908

Warren Evaporator Works.

Dear Sirs:—I like my Evaporator very much. It works fine and takes much less wood than the old rig. Size 4x12 with heater.

Yours truly,

G. C. KERR.

Mr. E. T. Smith, of Springfield, Pa., writes us that there are five or six of the I. X. L. Evaporators in his locality and that they all give perfect satisfaction.

Andes, N. Y., April, 26, 1906.

Gentlemen:—Everything found very satisfactory. Again on Sept. 13, 1907, in another letter he says: I have used 4x12 I. X. L. Evaporator with heater, for two seasons and find it satisfactory in every way. I have seen no other that I like as well as the I. X. L. J. G. KING.

Ohio Soldiers & Sailors' Orphans Home,

Xenia, O.

Gentlemen:—We have one of your I. X. L. Evaporators and we like it very much. (Size 4 x12 with heater.) Respectfully,

K. W. SURBY,

Superintendent

Messrs. Bond & Co., of Winamack, Ind., under date of March 3, 1911, say: "We are pleased to enclose check in payment of the I. X. L. Evaporator, 4x10 with heater, which is working fine. We can heartily recommend it, as it is far ahead of any other make with which we are acquainted."

Burton, Ohio

Milton Mathews.

Dear Sir: I have used your Evaporator 5x16 to operate 900 trees. It is complete in every particular and does the work all in day light. I do the heavy part and the children operate the Arch.

JNO. R. RILEY.

H. W. Hathaway & Son of Moravia, N. Y., inform us that they are well pleased with their 5x16 I. X. L. Evaporator with heater.

Mat Sheibly of New Washington, Ohio, says: "Our 3x10 I. X. L. Evaporator works fine."

J. S. Williams of Delavan, N. Y., says, "The 4x14 Evaporator with heater works O. K. and that he is perfectly satisfied with the I. X. L."

R. F. Fullhart of Andrews, Ind., writes: "I am highly pleased with the I. X. L. Evaporator and cheerfully enclose draft in settlement." Size 3x10 with heater.

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