



VISION EVAPORATOR



USER MANUAL
October 2021



Naturally innovative

A leader in equipment and products for the maple syrup industry, LAPIERRE EQUIPMENT distinguishes itself by its ability to innovate and develop high-performance solutions. This is what enables it to make significant changes in production techniques and processes in order to increase crop yield of high-quality syrup.

LAPIERRE EQUIPMENT has a wealth of experience accumulated over three generations of maple syrup producers. These are also people driven by passion and a deep desire to help the industry evolve with the utmost respect for nature.

Honoured to serve your customers

LAPIERRE EQUIPMENT is honoured to actively assist maple syrup producers during the sugar season.

Today you have made a wise choice for at least two good reasons: the superior quality of our products and the exceptional quality of all our expert advisers in the region.

We sincerely appreciate your trust. And we will be happy to serve you again in your future equipment purchases, regardless of the size of your sugar bush.

Thank you!

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VISION EVAPORATOR

Please note the information required below when dealing with customer service professionals. You can easily find this information on the **data plate** on your VISION evaporator as well as on **your invoice**. You can also refer to *Section 1* of this manual for additional information.



The model shown may differ from your model



IMPORTANT INFORMATION ABOUT YOUR VISION EVAPORATOR

Customer Service: 819 548.5454 | 1 833 548.5454 | info@elapierre.com

Model number: _____

Serial number: _____

Purchase date: _____

Invoice number: _____

We will be pleased to answer any of your questions, please do not hesitate to contact us.

VISION EVAPORATOR



LATEST VERSION OF THIS USER'S MANUAL: Please refer to our website for the latest version of this user's manual.

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SECTION 1 WHERE TO FIND INFORMATION ABOUT YOUR EQUIPMENT

When you contact our customer service professionals, it is important to have certain information about your equipment on hand as you will be asked for it.

You can easily find this information on the **data plate** affixed to your VISION evaporator as well as on **your invoice**.

Information about the equipment	Data plate (affixed to your equipment)	Invoice
Model number	✓	✓
Serial number	✓	✓
Purchase date	-	✓
Invoice number	-	✓



INSURANCE: BEFORE INSTALLING YOUR EQUIPMENT

It is recommended that you contact your insurance company in order to confirm the compliance of your installation with its own requirements as these may differ from one insurance company to another.

2.1 INSTRUCTIONS

- It is important to read, understand and follow the instructions and warnings contained in this user manual.
- This manual must be stored in a known place and accessible at all times by staff.
- All product operators must be familiar with the contents of this manual.
- Certain instructions may not apply to your equipment, depending on your model.

2.2 WARNING

Liquids

- Never expose the equipment to rain or excessive condensation.
- Never bring liquids into contact with the electronic components.
- Unless otherwise specified, never submerge the electrical components of this equipment.

Other

- Always keep hair, hands and jewellery away from equipment components that are operating, or may unexpectedly start up.
- Never place heavy objects on your equipment as their weight could damage parts of your equipment.

2.3 REPAIRS AND MAINTENANCE

- Stop using the equipment immediately if a malfunction is detected.
- Only LAPIERRE EQUIPMENT authorized personnel may carry out repairs on this equipment.
- Unauthorized modifications or repairs may result in hazardous operating conditions. These conditions may also cause varying degrees of injury to users.
- Always disconnect the power supply before performing any maintenance or repairs.
- It is recommended that equipment inspections and maintenance be carried out diligently to ensure optimal operational integrity. See *Section 6: Equipment maintenance and cleaning* for more information.

SECTION 3 PLANNING THE INSTALLATION OF YOUR EVAPORATOR

To reduce the risk of fire, electric shock or injury, it is important to follow these instructions when installing your equipment.

- If you have to work in existing walls and ceilings, be careful not to damage electrical conduits or other utilities that may be present.
- Your VISION evaporator must be installed on a horizontal and perfectly stable surface.

3.1 LOCATING THE EVAPORATOR

3.1.1 Determining the location of the evaporator

It is essential to plan for the installation of your new evaporator before you receive it. To help you, *Table 1: Dimensions of evaporators, chimneys and vents by model* shows you the dimensions to take into consideration. With these dimensions, you will be able to organize the installation and determine the conditions below.

- **IMPORTANT |** The space between the evaporator and the walls must allow for traffic as well as the safe operation of the equipment. This space must be more than 24" (60.96 cm) from each wall.
- There must be enough space on the draw off side to work safely.
- Determine the exact location of the evaporator in the building.
- Plan the installation of the concentrate supply lines.
- Determine where the evaporator chimney will pass through the ceiling and/or roof.
 - *Table 1* shows the dimensions to be planned in the ceiling and/or roof for the passage of the chimney and steam vents.
 - It is recommended that the evaporator's chimney exhaust is centred between two roof trusses.
- Determine where the evaporator vents will pass through the ceiling and/or roof.
 - *Table 1* shows the dimensions of the ceiling and/or roof for the vent openings.

3.1.2 Determining the chimney length

Below you will find information on how to determine the minimum chimney length of your evaporator.

3.1.2.1 LWS listed chimney

From the location where the chimney will exit the roof, within a radius of 10 ft. (3.05 m), identify the highest obstacle. This may, for example, be the roof gable.

Complete *TABLE 2: Grid for calculating the minimum chimney height*, with the following data.

- Measure the height from the chimney exhaust location on the roof to the top of the obstacle (measurement a).
- Measure the height from the floor to the location of the chimney exhaust on the roof (measurement b).
- Add the heights measured in a and b. The result is the minimum height of the LWS listed chimney that you must install.

In this way, when the chimney rests on the VISION evaporator, it will be 3 ft. (91.44 cm) above the highest obstacle on the roof within the specified radius.

NOTE: The chimney must be installed with a minimum clearance of 2 in. (5.08 cm) from all combustible materials.

SECTION 3 Planning the installation of your evaporator (continued)

3.1.2.2 Single wall chimney (non-listed)

From the location where the chimney exhaust will be located on the roof, within a radius of 20 ft. (6.1 m), identify the highest obstacle. This may, for example, be the roof gable.

Complete **TABLE 2: Grid for calculating the minimum chimney height**, with the following data.

- Measure the height from the chimney exhaust location on the roof to the top of the obstacle then add 7 ft. (2.13 m) to the result (measurement a).
- Measure the height from the floor to the location of the chimney outlet on the roof (measurement b).
- Add the heights measured in a and b. The result is the minimum height of the single-wall chimney that you must install.

In this way, when the chimney rests on the VISION evaporator connection, it is 10 ft. (3.05 m) above the highest obstacle on the roof within the specified radius.

NOTE: The chimney must be installed with a minimum clearance of 24 in. (60.96 cm) from all combustible materials.

TABLE 1 | Evaporator, chimney and vent sizes by model

VISION EVAPORATOR						CHIMNEY, DIAMETER		STEAM VENT	
Model No.	Range	Overall dimensions		Total pan dimensions		Listed	Non-listed (single wall)	Quantity	Diameter
		Width	Length	Width	Length				
FF017-1848 WWST	Entry level	26 in (66,04 cm)	70 in (1m78)	18 in (45,72 cm)	48 in (1m22)	6 in (15,24 cm)	7 in (17,78 cm)	Not applicable	
	Standard								
FF017-1860 WWST	Entry level		82 in (2m08)		60 in (1m52)	6 in (15,24 cm)	7 in (17,78 cm)	1	8 in (20,32 cm)
	Standard								
FF017-2472 WWST	Entry level	47 in (1m19)	97 in (2m46)	24 in (60,96 cm)	72 in (1m83)	8 in (20,32 cm)	10 in (25,40 cm)	2	11 in (27,94 cm)
	Standard								
FF017-2496 WWST	Standard		121 in (3m07)		96 in (2m44)				
	Deluxe								
FF017-2410 WWST	Standard		149 in (3m78)		120 in (3m05)				
	Deluxe								
FF017-3010 WWST	Standard	58 in (1m47)	149 in (3m78)	30 in (76,20 cm)	120 in (3m05)	10 in (25,40 cm)	12 in (30,48 cm)	2	15 in (38,10 cm)
	Deluxe								
FF017-3610 WWST	Standard	70 in (1m78)	149 in (3m78)	36 in (91,44 cm)	120 in (3m05)	12 in (30,48 cm)	15 in (38,10 cm)	2	15 in (38,10 cm)
	Deluxe								
FF017-3612 WWST	Standard		173 in (4m39)		144 in (3m66)				
	Deluxe								

SECTION 3 Planning the installation of your evaporator (continued)

TABLE 2 | Grid for calculating the minimal height of the chimney

Listed chimney (Refer to 3.1.2.1)	
Measurement (a)	
Measurement (b)	
TOTAL (add a + b) <i>Minimum required height for the installation of the LWS listed chimney (c)</i>	

Non-listed chimney (Refer to 3.1.2.2)	
Measurement (a) = your measurement _____ + 7 ft. (2.13 m)	
Measurement (b)	
TOTAL (add a + b) <i>Minimum required height for the installation of the non-listed chimney (c)</i>	

Important note

- Your evaporator is supplied with all the necessary components for the safe installation of the LWS listed chimney. However, **you must obtain the LWS listed chimney from your LAPIERRE EQUIPMENT representative.**
- Your evaporator has been designed to operate with a **minimum chimney height of 16 ft. (4.88 m)**, even if the result (c) in the calculation grid above indicates a length of less than 16 ft. (4.88 m). This minimum height is required for evaporators with both listed and non-listed chimneys.

3.1.3 Flashings, rain caps and steam vents

Below you will find information about flashings, rain caps, and evaporator vapour vent outlets.

Flashings

Determine the slope of the roof by measuring the height over a horizontal distance of 12 in (30.48 cm). This information will be necessary to order the flashings.

Rain caps

When ordering, you will also need to specify whether you want standard or rope operated rain caps.

Steam vents

- The openings of the evaporator hood steam vents will be made only after the equipment is installed in the building and subject to the obstacles in their way (see *Table 1: Evaporator, chimney and vent sizes by model*).
- As with the chimney you will need to specify the required lengths of steam vents, the roof pitch for flashing and the choice of standard or rope operated rain caps when ordering.

SECTION 3 Planning the installation of your evaporator (continued)

3.1.4 Preparing the location where the evaporator will be installed

You will be notified of the delivery date of your evaporator.

- Determine the exact location of the evaporator in the building.
- Before delivery date, make sure that all necessary work required for moving your evaporator to its final location is completed.

3.2 RECEPTION INSPECTION

Here is a checklist to complete when you receive your evaporator.

3.2.1 Evaporator condition

- Check the condition of the evaporator as soon as it arrives.
- Although LAPIERRE EQUIPMENT applies rigorous quality control in the plant and before shipping, please note, photograph and advise your LAPIERRE EQUIPMENT representative of any defects or imperfections that may be observed on the day your equipment is received.

3.2.2 Purchase Order

- Have the purchase order on hand.
- Confirm by visual count that you have received all items such as concentrate, chimney and vent connectors and all other items indicated on the purchase order.
- Also ensure that all items are in good condition.

3.2.3 Exact location of the evaporator in the building

Our staff will drop off the evaporator at the location you designate. It is important that the location is accurate. Once on the ground, moving the evaporator is difficult and may cause damage to the evaporator and/or the building.

4.1 LEVELLING THE EVAPORATOR

Once located, make sure that the conditions set out in *Section 3.1.1: Determining the location of the evaporator*, are met.

IMPORTANT | It is very important that the evaporator is level and perfectly horizontal for proper operation. Levelling can be done with the pans in place or with the evaporator combustion chamber alone.

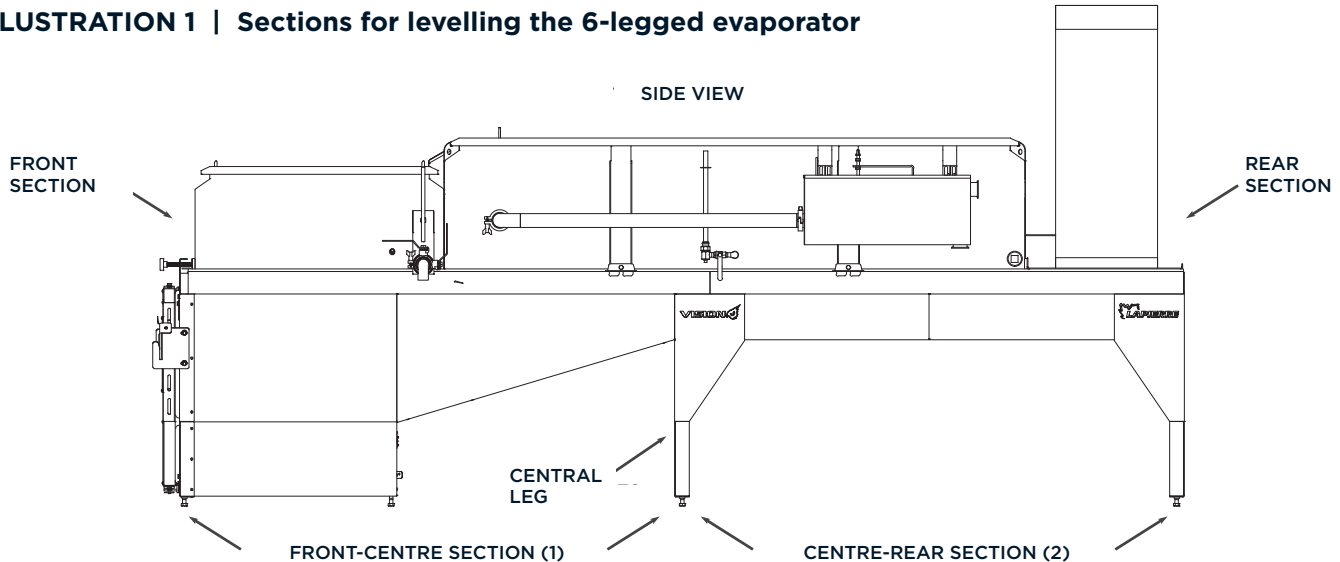
The evaporator is equipped with 4 or 6 legs depending on the model. These legs are height-adjustable to enable the equipment to be levelled. Below you will find the steps to follow.

Evaporator with 4 height adjustable legs

- Evaporator LEFT-RIGHT level.
 - a. Using a level, adjust the left and right legs of the front section of the evaporator to bring it perfectly level.
 - b. Repeat step (a) for the rear section of the evaporator.
- Evaporator FRONT-REAR level.
 - a. From the front and using a level, adjust the left rear leg of the evaporator to bring it perfectly level.
 - b. Repeat step (a) for the right side of the evaporator.
- Check all left-right and front-rear levels and adjust as necessary until the evaporator is perfectly level. You may need to repeat this step a few times.

Evaporator with 6 height adjustable legs

ILLUSTRATION 1 | Sections for levelling the 6-legged evaporator



1. The front-centre section extends from the front section of the evaporator to the centre leg.
2. The centre-rear section extends from the centre leg of the evaporator to the rear section.

SECTION 4 Installation and component assembly (continued)

- Evaporator LEFT-RIGHT level.
 - a. Using a level, adjust the left and right legs of the front section of the evaporator to bring it perfectly level.
 - b. Repeat step (a) for the rear section of the evaporator.
- Evaporator FRONT-CENTRE-REAR level.
 - a. From the front of the left side, adjust the front centre section (1) so that it is level.
 - b. In the same way, extend the levelling toward the centre-rear section (2) by adjusting the rear leg with the level of the front-centre section.
 - c. Check if the rear section is still on the left-right level.
 - If not, adjust the **rear leg on the opposite side** to bring this section back to level.
 - d. Repeat steps (a) (b) and (c) for the right side of the evaporator.
- Check all left-right and front-centre-rear levels, and adjust as necessary until the evaporator is perfectly level. You may need to repeat this step a few times.

Place the pans in the evaporator.

To do this, refer to *Section 4.4, Pan installation*.

- Fill the pans with water to check if the evaporator is still level.
- Your evaporator is considered level if it meets the following tolerance:
 - measure the height from the water surface to the rim in each corner of the pan,
 - the difference between the highest and lowest height must be less than 1/8 in. (4 mm),
 - otherwise, the previous levelling steps must be repeated.

4.2 MASONRY AND INSULATION

If you have ordered a masonry and insulation kit from LAPIERRE EQUIPMENT, refer to *Appendix A: Installation instructions for insulating materials* for the procedures and installation steps.

4.3 INSTALLING THE CHIMNEY AND STEAM VENTS

4.3.1 LWS listed chimney

See the user manual for the listed chimney. Copies of the manual are located with your evaporator documents and in the rain cap box.

4.3.2 Single wall chimney (non-listed)

See *Appendix J* for the installation of the single-wall chimney.

4.3.3 Steam vents

See *Appendix K* for the installation of the steam vents.

4.4 PAN INSTALLATION

Below are the installation instructions for the evaporator pans.

- Place the pans on the evaporator.
- If applicable, place the insulation joints between the pans.
- Make sure that the pans are leaning toward the back of the evaporator.
- Using the pushers, press the pans together.

4.5 CONNECTING THE DRAW-OFF COMPONENTS

Float box

If your VISION evaporator is 18x48, 18x60 or 24x72 in. equipped with the entry-level pans, the float (level control) mechanism is integral with the pan and no float box installation is required.

Maple sap connectors

All the maple sap evaporator connections required for its operation are in the same package. The gaskets for each of the connectors are identified by letters. Then simply connect the joints that have the same letters: A with A, B with B, etc.

Connection steps

- If applicable: install the cold float box.
 - If applicable: install the hot float box.
 - Install all of the following connections between:
 - the boiling rear pan and the hot float box,
 - the hot float box to the syrup front pan,
 - if applicable, the syrup front pans.
- Tighten all these connectors sufficiently to hold them in place, but not completely.
- Adjust the position of the hot float box.
 - Tighten all installed connectors securely.
 - Install the connectors to the syrup front pans.
 - Tighten the connectors sufficiently to hold them in place, but not completely.
 - Check all components for proper alignment.
 - Tighten the connectors securely.
 - Install the sap or concentrate feed connector between the basin and the cold float.
 - Connect the concentrate feed.

SECTION 5 START-UP, OPERATION AND SHUTDOWN PROCEDURES



PROTECT CHILDREN

- Never allow children to use this equipment.
- Never leave children unattended in proximity to this equipment, whether it is switched on or not.



Hot syrup can cause severe burns. Always wear **SAFETY GOGGLES and HEAT-RESISTANT GLOVES AND CLOTHING** when working with this equipment.



Also be especially cautious with other **PEOPLE NEAR THE EQUIPMENT**, whether they are children, family members, guests, or pets.

5.1 EVAPORATOR START-UP

The following are the steps to start up the evaporator.

5.1.1 Check connections for leaks and tightness

Check the following connections for leaks and tightness.

- The concentrate connector.
- The pan connector.

5.1.2 Check for leaks and floats

- Fill the pans with water and then perform the following checks and adjustment.
 - Check for leaks.
 - Check for the proper operation of each level float.
 - Adjust the float(s) for the desired liquid level of the pans.
 - o The level of the boiling pan should be 1 in. (2.54 cm) above the tubes.
 - o The minimum level of each syrup pan for start-up is 2 in. (5.08 cm).
- Note that VISION evaporators with 18 x 48, 18 x 60 and 24 x 72 in. accordion boiling pans have only one float to adjust. A water level equal to the top of the folds ensures a sufficiently high level for each pan.

5.2 EVAPORATOR OPERATION

5.2.1 Lighting up the combustion chamber

To do pre-ignition

- Clean the door's ceramic window (see *Section 6.4 : Door cleaning and maintenance, Ceramic window*).
- Clean the hearth grate.
- A 1-2" (2.54-5.08 cm) bed of ash is ideal on the floor of the stove, it is recommended to remove the excess ashes.

Pre-ignition check

- Check:
 - if there are concentrate leaks,
 - the correct positioning of the pans,
 - that the insulation joints, if applicable, between each pan are in good condition and compressed,
 - that the evaporator is well supplied with concentrate,
 - the amount of the concentrate reserve to be boiled,
 - that the amount of liquid in each pan is sufficient to function.

Clean the door window combustion chamber side before any firing as recommended in *Section 6.4: Door cleaning and maintenance, Ceramic window*.

- If applicable, check:
 - the proper condition of the gaskets between the pans and the combustion chamber,
 - that the following valves are fully open:
 - o concentrate supply,
 - o from the boiling rear pan to the syrup pan,
 - o from the hot float.

Lighting up the combustion chamber

- Use plenty of paper and cardboard to prepare your load.
- Add two or three layers of small diameter pieces of wood.
 - Make sure not to go beyond the middle of the door glass.
- Add standard diameter logs on top, preferably no larger than 6 in. (15.24 cm).

TABLE 3 | Log sizing by model number

VISION EVAPORATOR						LOGS
Model No.	Range	Overall dimensions		Total pan dimensions		Length
		Width	Length	Width	Length	
FF017-1848 WWST	Entry level	26 in (66,04 cm)	70 in (1m78)	18 in (45,72 cm)	48 in (1m22)	16 to 18 in * (40,64 to 45,72 cm)
	Standard					
FF017-1860 WWST	Entry level		82 in (2m08)		60 in (1m52)	16 to 18 in * (40,64 to 45,72 cm)
	Standard					
FF017-2472 WWST	Entry level	47 in (1m19)	97 in (2m46)	24 in (60,96 cm)	72 in (1m83)	20 to 24 in * (50,80 to 60,96 cm)
	Standard					
FF017-2496 WWST	Standard		121 in (3m07)		96 in (2m44)	
	Deluxe					
FF017-2410 WWST	Standard		149 in (3m78)		120 in (3m05)	
	Deluxe					
FF017-3010 WWST	Standard	58 in (1m47)	149 in (3m78)	30 in (76,20 cm)	120 in (3m05)	20 to 24 in * (50,80 to 60,96 cm)
	Deluxe					
FF017-3610 WWST	Standard	70 in (1m78)	149 in (3m78)	36 in (91,44 cm)	120 in (3m05)	24 to 32 in * (60,96 to 81,28 cm)
	Deluxe					
FF017-3612 WWST	Standard		173 in (4m39)		144 in (3m66)	
	Deluxe					

* Note that it is not recommended to use logs larger than 6 in. (15.24 cm) in diameter.

Once the fire is started check

- Underneath the combustion chamber: check for smoke or hot air leaks.
- At the gaskets: check for smoke or hot air leaks.
- Chimney: check for smoke or hot air leaks.
- Each pan: check the boiling distribution.
- Once the evaporator is boiling there shall be very minimal to no visible smoke emitted, except immediately after reloading the combustion chamber.

SECTION 5 Start-up, operation and shutdown procedures (continued)

5.2.2 Syrup production

Below is a list of points to check when making maple syrup.

- Monitor the water level in each of the pans.
- Monitor the temperature in the chimney.
 - The reference temperature of the chimney to keep in mind is above: 850 °F (450 °C).
 - LAPIERRE EQUIPMENT suggests using this reference as the minimum starting temperature.
 - This reference will be used to determine when combustion chamber fuel refills are required.
 - o A temperature below this reference indicates that a refill is required.
 - Evenly distribute coals and embers with a poker, load a fresh load **not above the middle of the door window**.
 - Monitor the temperature of the chimney regularly.
 - **IMPORTANT |** At all times, the chimney temperature must not exceed:
 - o 1000 °F (540 °C) for VISION equipment with STANDARD or DELUXE pans,
 - o 1200 °F (650 °C) for VISION equipment with ACCORDIAN PLEATED pans.
- Regularly check the Brix concentration of the syrup at the drawing valve.

5.2.3 Changing the syrup pan

Below are the instructions to follow when changing the syrup pan.

- Check the condition of the gasket between the pans and the combustion chamber.
- Check the insulation joints between the pans.
 - **IMPORTANT :**
 - o a syrup soiled gasket must be cleaned,
 - o a blackened or damaged gasket must be replaced immediately or very quickly.
- Check that there are no concentrate leaks under the boiling pan.
- Check the boiling rear pan for cleanliness and accumulation of sugar stones.
- Before replacing the syrup front pan, make sure the fireproof bead is fully raised to its position.

5.3 EVAPORATOR SHUTDOWN

Below are the instructions for shutting down your evaporator.

- Make sure you have a minimum reserve of 2 hours of concentrate or water.
- Stop feeding the combustion chamber.
- Although the coals burn out quickly it should be noted that the heating of the pans will continue for some time due to accumulated heat in the evaporator.
- After 2 hours, turn off the water or concentrate supply to the evaporator.
- Close the valve located between the boiling rear pans and the syrup front pan. For the 18 x 48 in. mono pan (single pan) close the opening between the rear accordion section and the front section with the supplied plug.

SECTION 6 EQUIPMENT MAINTENANCE AND CLEANING

Below are the points to remember for recommended maintenance at the start and end of the season.

6.1 RECOMMENDED MAINTENANCE AT THE START OF THE SEASON

- Remove the pans and inspect:
 - the condition of the walls of the combustion chamber,
 - the gasket between the combustion chamber and the pans, then replace as necessary.
- If applicable, inspect the pan insulation joints and replace if necessary.
- Inspect pans for leaks and repair or replace as necessary.
- Inspect the chimney for internal damage and obstructions such as bird's nests or other foreign objects.
- Replace the seals on the ferrules and connectors.
- Assemble the equipment.

6.2 RECOMMENDED MAINTENANCE AT THE END OF THE SEASON

- Clean pans.
- Make sure the steam vents and chimney are closed properly.
- Remove the pans and inspect:
 - the condition of the walls of the combustion chamber,
 - the gasket between the combustion chamber and the pans, then replace as necessary.
- If applicable, inspect the pan insulation joints and replace if necessary.
- Inspect pans for leaks and repair or replace as necessary.

6.3 ANNUAL REPLACEMENT OF PARTS, RECOMMENDATION

We recommend that you replace certain parts of your evaporator every year, especially materials enabling:

- the insulation of the glass and the door,
- the sealing of the door,
- the insulation between the pans and the frame,
- the pan insulation joints, if applicable as this is optional.

6.4 DOOR CLEANING AND MAINTENANCE

Below are the instructions for cleaning and maintaining the evaporator door.

Ceramic window

- Cleaning the window from the inside. You may use either of the following two methods:
 - a paste designed for the maintenance of ceramic cook tops with a cloth,
 - ash with paper towels or a damp cloth.
- Replacing the glass from the outside.
 - First unscrew the stainless steel frame.
 - Remove the seal that holds the glass in place.
 - Remove the glass and replace it with your new glass.
 - Replace the new seal in the correct position.
 - Screw the stainless steel frame back in place.

Door seal and insulation.

- Replace the seal and insulation if damaged.
 - Remove the lugs that hold the insulation mat in place.
 - Remove the insulation mat.
 - Using a drill, pierce the rivets of the plates that hold the door seal in place.
 - Insert the new seal and then attach the plates back in place using rivets.
 - Replace a new insulating mat.
 - Replace the lugs that hold the insulation mat in place.

6.5 EVAPORATOR CLEANING

- The stainless steel components of your equipment must be cleaned with a product specifically designed for this purpose. **Do not use flammable liquids.**
- Never use abrasive products, products containing chlorine or muriatic acid (also called hydrochloric acid) to clean the components of your evaporator. The use of wire brushes and steel wool should also be avoided.



During prolonged storage, even the slightest **CLEANING PRODUCT RESIDUE ON ALL COMPONENTS** may lead to damage of the equipment. Rinse each cleaned component thoroughly.

VISION EVAPORATOR				BOILING PAN				SYRUP (PAN)		CHIMNEY, DIAMETER		STEAM VENTS		LOGS	
Model No.	Range	Overall dimensions		Total pan dimensions		Accordion	5 in (12,7 cm)	7 in (17,78 cm)	Dimensions		Listed	Non-listed (single wall)	Quantity	Diameter	Length
		Width	Length	Width	Length				Width	Length					
FF017-1848 WWST	Entry level	26 in (66,04 cm)	70 in (1m78)	18 in (45,72 cm)	48 in (1m22)	✓			18 in (45,72 cm)	16 in (40,64 cm)	6 in (15,24 cm)	7 in (17,78 cm)	Non applicable		16 to 18 in* (40,64 to 45,72 cm)
	Standard						✓								
FF017-1860 WWST	Entry level	26 in (66,04 cm)	82 in (2m08)	18 in (45,72 cm)	60 in (1m52)	✓			18 in (45,72 cm)	16 in (40,64 cm)	6 in (15,24 cm)	7 in (17,78 cm)	1	8 in (20,32 cm)	16 to 18 in* (40,64 to 45,72 cm)
	Standard						✓								
FF017-2472 WWST	Entry level	47 in (1m19)	97 in (2m46)	24 in (60,96 cm)	72 in (1m83)	✓		✓	24 in (60,96 cm)	24 in (60,96 cm)					
	Standard														
FF017-2496 WWST	Standard	47 in (1m19)	121 in (3m07)	24 in (60,96 cm)	96 in (2m44)			✓	24 in (60,96 cm)	36 in (91,44 cm)	8 in (20,32 cm)	10 in (25,40 cm)	2	11 in (27,94 cm)	20 to 24 in* (50,80 to 60,96 cm)
	Deluxe						✓								
FF017-2410 WWST	Standard	58 in (1m47)	149 in (3m78)	30 in (76,20 cm)	120 in (3m05)			✓	24 in (60,96 cm)	36 in (91,44 cm)			2	15 in (38,10 cm)	20 to 24 in* (50,80 to 60,96 cm)
	Deluxe							✓							
FF017-3010 WWST	Standard	70 in (1m78)	149 in (3m78)	36 in (91,44 cm)	120 in (3m05)			✓	30 in (76,20 cm)	36 in (91,44 cm)	10 in (25,40 cm)	12 in (30,48 cm)	2	15 in (38,10 cm)	24 to 32 in* (60,96 to 81,28 cm)
	Deluxe							✓							
FF017-3610 WWST	Standard	70 in (1m78)	149 in (3m78)	36 in (91,44 cm)	120 in (3m05)			✓	36 in (91,44 cm)	84 in (2m13)	84 in (2m13)	15 in (38,10 cm)	2	15 in (38,10 cm)	24 to 32 in* (60,96 to 81,28 cm)
	Deluxe							✓							
FF017-3612 WWST	Standard	70 in (1m78)	173 in (4m39)	36 in (91,44 cm)	144 in (3m66)			✓	36 in (91,44 cm)	108 in (2m74)			2	15 in (38,10 cm)	24 to 32 in* (60,96 to 81,28 cm)
	Deluxe							✓							

The specifications are subject to change without notice.

* Note that it is not recommended to use logs larger than 6 in. (15.24 cm) in diameter.

ILLUSTRATION 2 | Typical illustration of a 4-legged VISION evaporator

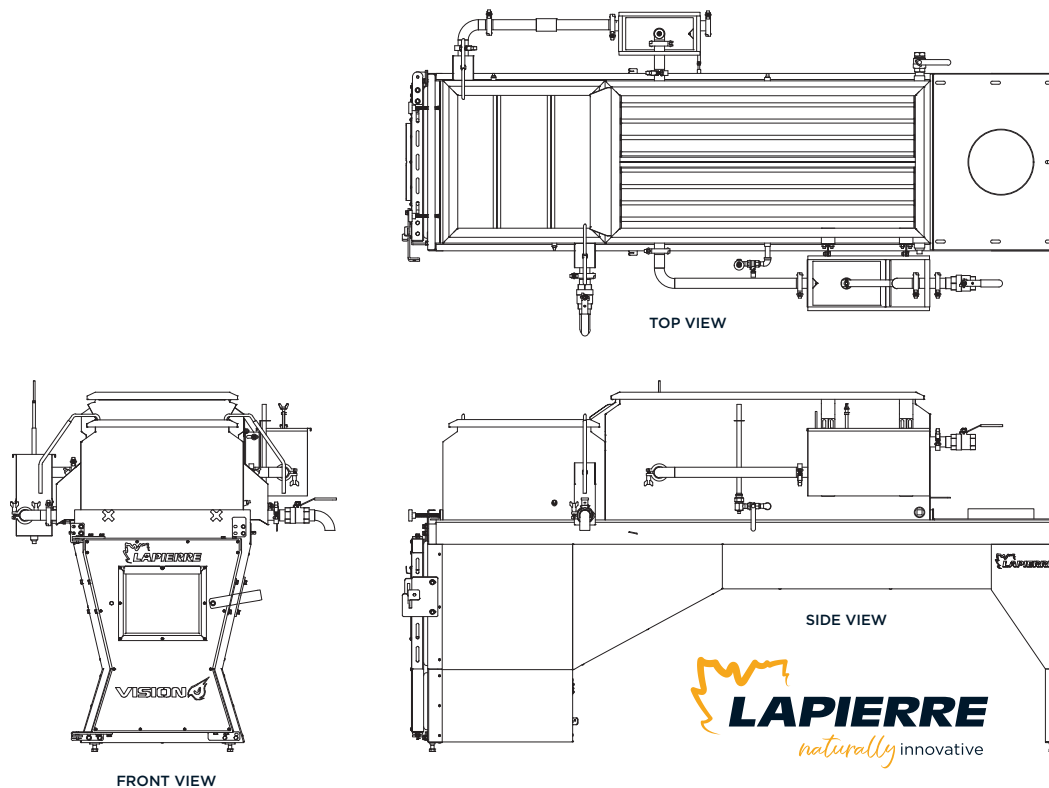
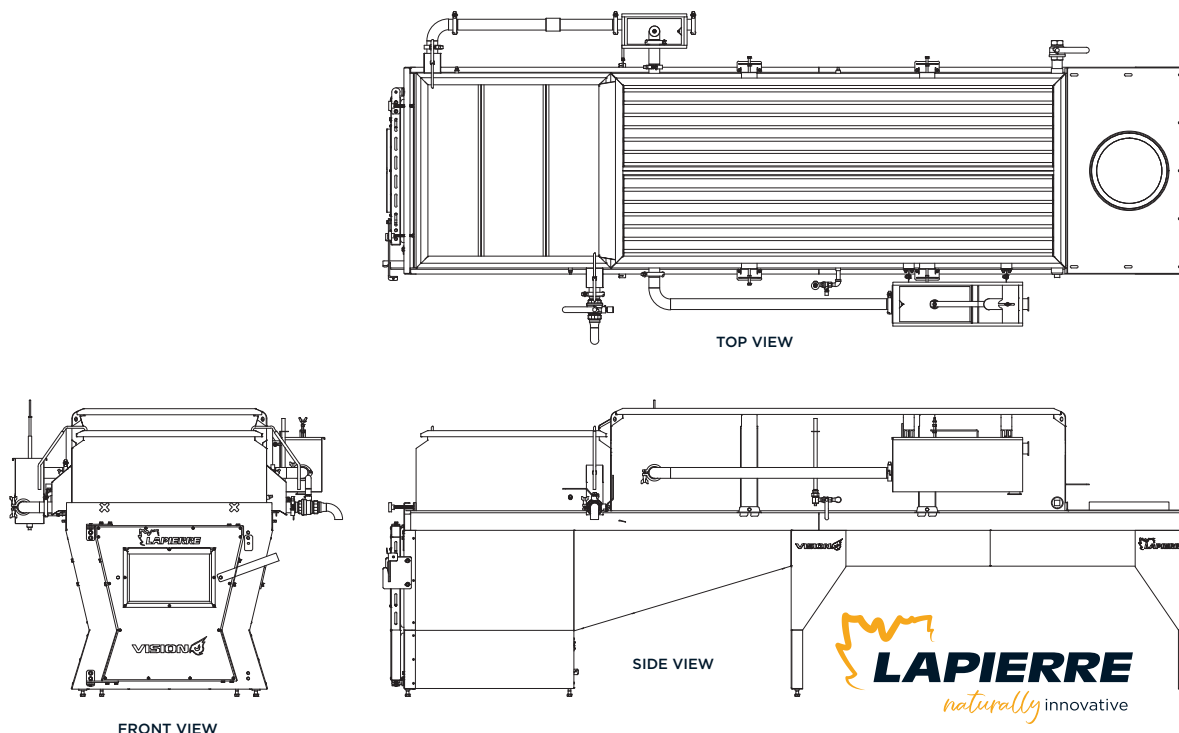


ILLUSTRATION 3 | Typical illustration of a 6-legged VISION evaporator





WARRANTY CERTIFICATE

1. Two-year warranty
2. Warranty certificate exclusions
 - 2.1 Observed conditions
 - 2.2 Costs and losses
 - 2.3 Evaporators
3. Disclaimer of liability
4. Making your warranty claim



KEEP YOUR PURCHASE INVOICE

It is very important to keep the original invoice for the purchase of your equipment or a legible copy of it. Otherwise, LAPIERRE EQUIPMENT INC. will not accept your warranty claim.

The term MANUFACTURER is used for LAPIERRE EQUIPMENT in order to lighten the text.

1. TWO-YEAR WARRANTY

The MANUFACTURER warrants that any new product is free from manufacturing, material and workmanship defects. The warranty is valid for a period of two years from the date of purchase of the product. It applies when the product meets normal conditions of installation, use and maintenance.

PRODUCT DEFECT. The appearance of a defect before the expiry date of the warranty must be reported immediately to the MANUFACTURER. The MANUFACTURER will then repair or replace the defective parts with equivalent new parts.

DEFECTIVE PARTS. Replaced defective parts become the property of the MANUFACTURER. They are recovered during the after-sales service process.

AESTHETICS. The aesthetic appearance of the products - parts and equipment - is covered by a warranty covering 7 days from the date of delivery.

2. WARRANTY CERTIFICATE EXCLUSIONS

2.1 OBSERVED CONDITIONS

This warranty becomes null and void where one or more of the following conditions are observed.

2.1.1 An altered, modified or removed serial number

2.1.2 Product damaged by:

2.1.2.1 User

- Use deemed abusive or negligent.
- Accident caused by the user.

2.1.2.2 Failure to comply with user manual instructions

- Failure by the user to follow the instructions in the user manual: safety instructions, installation of the equipment, start-up and operating procedures, maintenance and cleaning of the equipment, as well as any other installation recommendations provided by the MANUFACTURER.

2.1.2.3 Installation, modification, repair

- Installation in a place not suitable for normal use.
- Unauthorized repair or modification - not approved by your service centre - performed by the customer.
- A repair or modification carried out by a third party not authorized by the MANUFACTURER.

2.1.2.4 Parts

- The use of parts other than original MANUFACTURER parts.
- Use of parts obtained through a service centre, technician or distributor not authorized by the MANUFACTURER.
- Use of parts that cause deterioration or damage to the product.

2.1.2.5 Electricity

- A variation, electrical overload or excessive voltage.
- Poor power supply quality or electrical connections.

2.1.2.6 Cleaning products

- The use of cleaning products or acids that are not recommended, or used without following the recommendations of their respective manufacturers.

2.1.2.7 Non-controllable events

- Events that are beyond the MANUFACTURER's control such as mechanical shock; water damage or flooding; fire or burning; storm, earthquake or other natural or man-made disasters.

2.2 COSTS AND LOSSES

This warranty does not cover the following costs or losses.

2.2.1 Costs for:

- making the product accessible during a service call,
- the trip of the authorized technician during a service call,

SECTION 8 Our warranty (Warranty certificate) (continued)

- service calls for reasons other than those provided for in the warranty. The warranty applies when a defect or malfunction or a defect in manufacture, material or workmanship appears,
- service calls associated with product start-up at the beginning of the season, and shutdown at the end of the season or post-season. However, costs may be covered if specified in the purchase contract,
- service calls received when the warranty expires, i.e., two years from the date of purchase of the product,
- replacement of parts due to normal wear and tear such as seals, insulation joints and gaskets,
- annual equipment tune-ups,
- adjustments to evaporator burners.

2.2.2 For losses of:

- income caused by the quality of the syrup,
- production related to the provisions covered by this warranty.

2.3 EVAPORATORS

This warranty becomes void if the appearance of a defect is caused by use of:

- painted, treated wood or wood containing chemical products or any adhesive substances (glue),
- any agent added to the evaporators,
- wood evaporators: any fuel other than natural wood,
- oil evaporators: any fuel other than No. 2 fuel oil.

3. DISCLAIMER OF LIABILITY

The MANUFACTURER shall not be liable for incidental or consequential damages or implied property damage.

The MANUFACTURER shall not be liable for any direct or consequential loss of time, production or profits, inconvenience, cost of equipment acquisition or parts replacement or storage due to a warranty claim.

4. MAKING YOUR WARRANTY CLAIM

The following is the procedure for making a warranty claim.

- Contact your representative or distributor, our service centre or our head office to submit your warranty claim and plan the necessary after-sales service operation.
- IMPORTANT | For any claim, **the customer must submit a copy of their invoice**. Otherwise, the MANUFACTURER will not accept your claim.
- The MANUFACTURER will then proceed with an inspection of your equipment and confirm whether your warranty claim is accepted. If so, the MANUFACTURER will carry out an after-sales service operation in accordance with the provisions specified in Section 1. TWO-YEAR WARRANTY.
- The functioning equipment will then be returned to the customer in a *condition comparable* to that in which it was received. This *comparable condition* will have been previously determined by the MANUFACTURER and/or one of its representatives or distributors.
- This warranty after-sales service operation **does not extend the warranty period** of the equipment. The end date of the warranty remains the same, i.e., two years from the date of purchase of the product.

Warranty certificate: August 2021 (V02c)

SECTION 9 PARTS AND CONSUMABLES

Parts for your VISION evaporator or any other equipment manufactured at LAPIERRE EQUIPMENT are available at our main plant in Saint-Ludger, Quebec, Canada and our service centres in Waterloo, Quebec, Canada and Swanton, Vermont, USA. However, do not hesitate to contact us to locate the distributor nearest you.

HEAD OFFICE and MAIN PLANT

Lapierre Equipment Inc.
99 Rue de l'Escale
Saint-Ludger (QC)
G0M 1W0

Toll Free 1 833 548.5454
Telephone 819 548.5454
Fax 819 548.5460
info@elapierre.com

SERVICE CENTRE and PRODUCTION PLANT

Lapierre-Waterloo-Small Inc.
201 Rue Western
Waterloo (QC)
J0E 2N0

Toll Free 1 833 548.5454
Telephone 450 539.3663
Fax 450 539.2660
info.lws@elapierre.com

www.elapierre.com

The following are instructions for installing insulation and masonry.

You will also find the installation diagrams for the insulation panels, high-temperature bricks and insulating mat according to your VISION evaporator model in appendices B to I.



WEAR A DUST MASK

It is strongly recommended that you wear a dust mask when preparing and installing materials for the insulation of your evaporator.

What's included with your ready-to-install insulation:

- insulation panels,
- insulating panel and lugs for the top of the door opening,
- high-temperature bricks,
- high-temperature mortar,
- insulating mat.

What is not included and what you will need:

- a dust mask,
- a square or a level,
- a measuring tape,
- an industrial knife or a small hand saw.

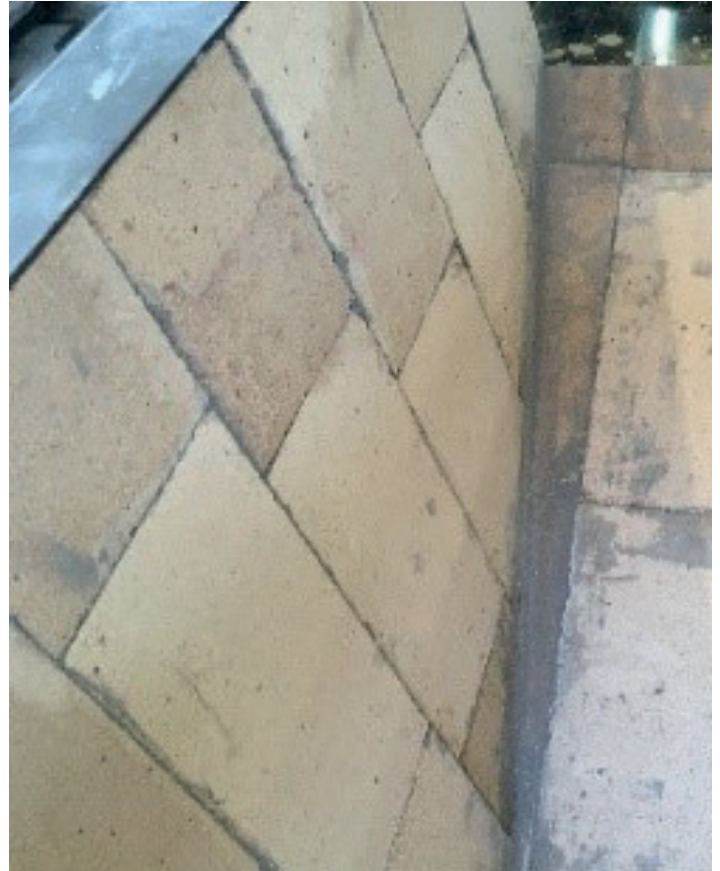
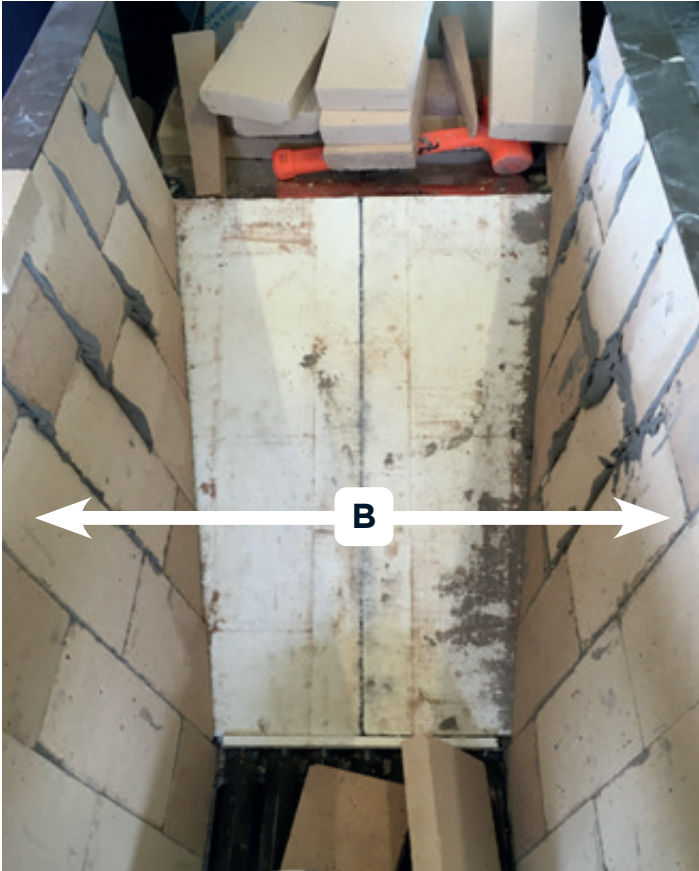
1. INSULATION PANELS

- Install the insulation panels on the inside of the evaporator (A).
- Cut the insulation panels with an industrial knife or small hand saw.
- Follow the instructions in the installation diagrams for the insulation materials of your VISION evaporator. For these instructions, refer to Appendices B to I.



2. HIGH-TEMPERATURE BRICKS AND MORTAR

- Use a thin layer of high-temperature mortar to cement the bricks.
- Install the bricks on sides (B) according to the instructions in the installation diagrams of your VISION evaporator. For these instructions, refer to Appendices B to I.

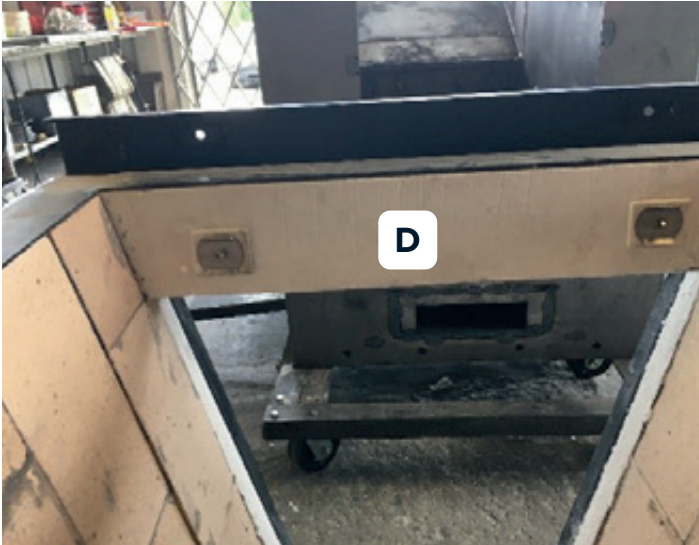


- Install the bricks of the floor riser (C), starting from the bottom, according to the instructions in the installation diagrams of your VISION evaporator. For these instructions, refer to Appendices B to I.



3. RIGID PANEL (above the door opening)

- When the sides are bricked in, trim as needed and add the rigid panel section (supplied) above the door opening (D).
- Fasten the panel using the lugs (supplied) to the factory pre-installed rods, as shown in the following image.

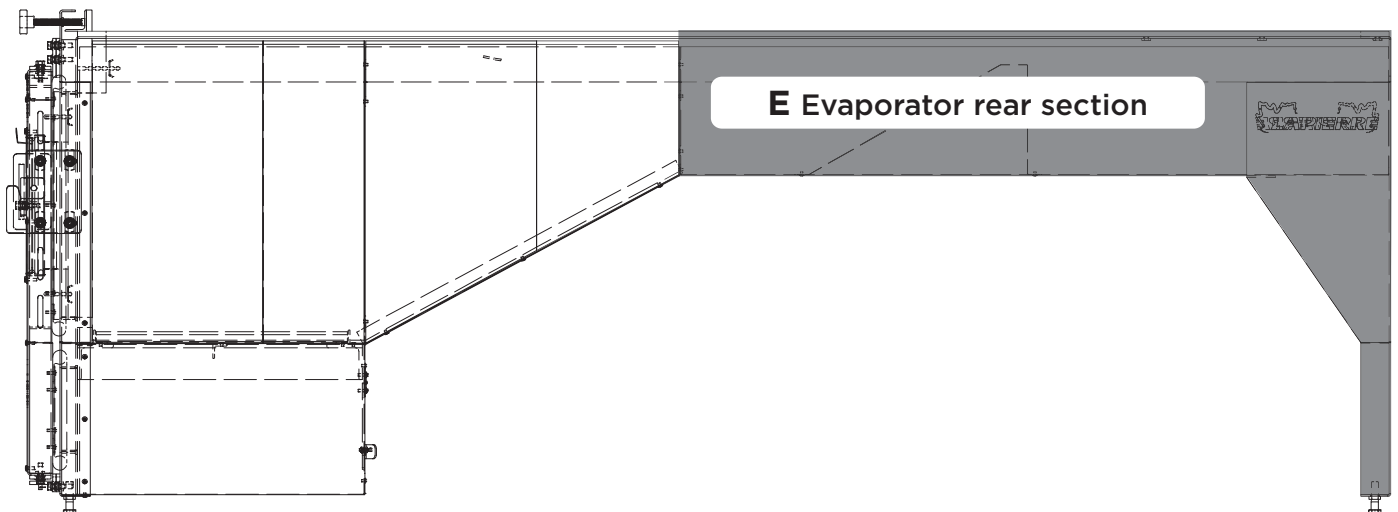


4. DRYING THE MORTAR

- Wait about 24 hours, depending on the drying conditions, for the mortar to solidify.
 - Once the mortar has solidified, check:
 - if there are cracks in the mortar,
 - and if there are voids between the bricks.
- If so, repair the cracks and fill the voids with high-temperature mortar and allow to dry.

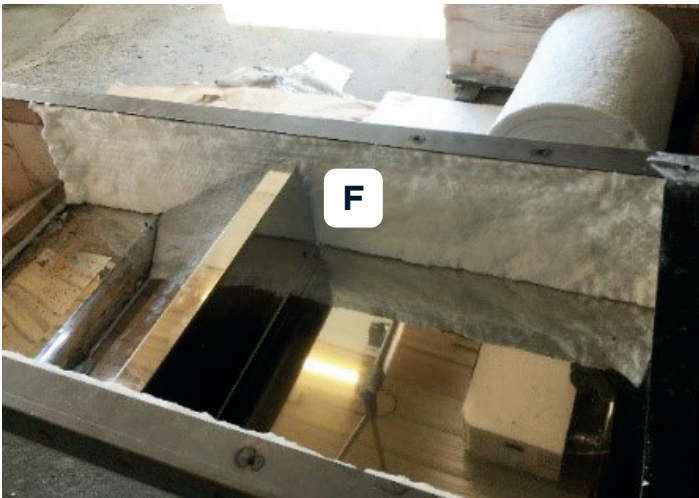
5. INSULATING MAT

The insulating mat is installed in the rear section of your evaporator (E).



• **Sides**

- Two inner sides of the rear section (E).
 - o Cover both inside sides of the back with 2 in. (5.08 cm) insulating mat.
 - o The mat will be held in place, without the use of a fastening mechanism, between the floor and the top fold of the sides (F), as shown in the image below.
 - o Follow the instructions in the installation diagrams of your VISION evaporator model. For these instructions, refer to Appendices B to I.



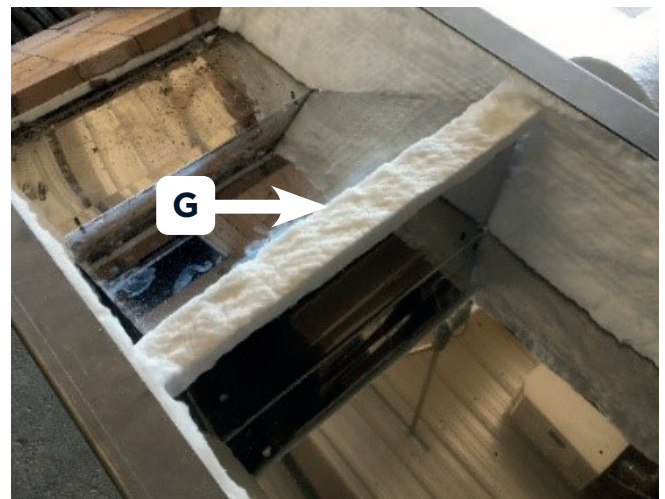
If your EVAPORATOR is 36 IN. (91.44 CM) WIDE, proceed with the following instructions.

- Three inner sides of the back section (E).
 - o Cover the three inside sides of the back with 2 in. (5.08 cm) insulating mat.
 - o The three sides are those located on both sides, as well as the one at the back of the evaporator.
 - o The mat will be held in place, without the use of a fastening mechanism, between the floor and the top fold of the side faces (F), as shown in the image above.
 - o Follow the instructions in the installation diagrams for your VISION evaporator model. For these instructions, refer to Appendices B to I.

• **Wedge**

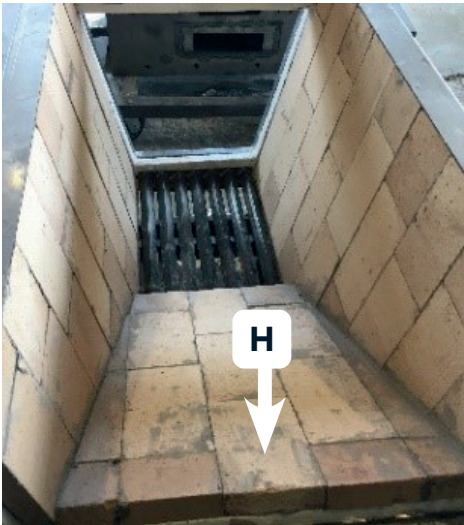
NOTE: **Disregard this instruction** if you have a VISION EVAPORATOR with 18 X 48 in., 18 X 60 in. or 24 X 72 in. accordion pleat type boiling pans.

- As a wedge, at the top of the rear rise (G), place a 1 in. (2.54 cm) thick strip of insulation mat or insulation board as shown in the image opposite.
- Follow the instructions in the installation diagrams for your VISION evaporator model. For these instructions, refer to Appendices B to I.



• Riser and rear section

- Starting at the end of the bricks of the floor riser (H), cover the bottom, the riser and its ramp, then the bottom and the back wall of the rear section with 2 in. (5.08 cm) insulating mat, as shown in the following images (I).
- Follow the instructions in the installation diagrams for your VISION evaporator model. For these instructions, refer to Appendices B to I.



If your EVAPORATOR is 36 IN. (91.44 CM) WIDE, proceed with the following instructions.

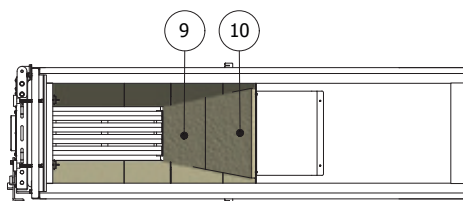
- Starting at the end of the bricks of the floor riser (H), cover the bottom, the riser and its ramp, and then the bottom of the rear section with two layers of 1 in. (2.54 cm) insulating mat.
- Follow the instructions in the installation diagrams for your VISION evaporator model. For these instructions, refer to Appendices B to I.



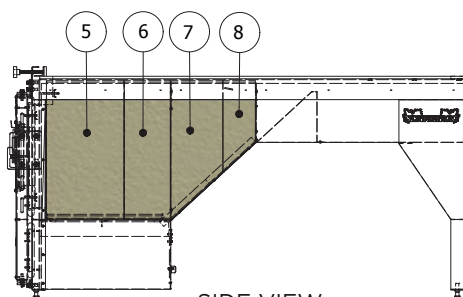
INSULATION PANEL INSTALLATION DIAGRAMS

18 X 48 INCH EVAPORATOR

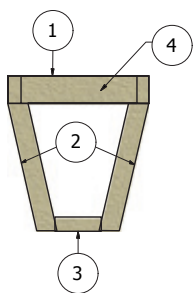
Product code: IB016-180400ST



TOP VIEW



SIDE VIEW



After brickwork on the sides, double the thickness of insulating piece 1, toward the inside, with **insulation piece 4**.

***IMPORTANT NOTE:** These two **insulation pieces (No. 2)** must not obstruct the passage of the logs in the combustion chamber. For this reason, chamfer their inner edge at a 45 degree angle once the installation is completed..

INTERIOR FRONT VIEW
OF THE INSULATING PARTS

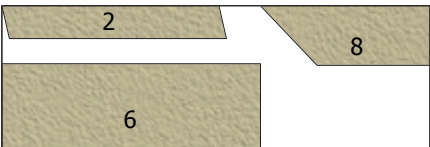
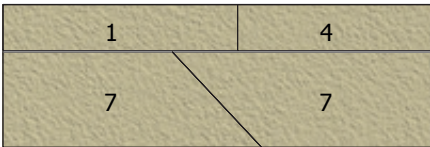
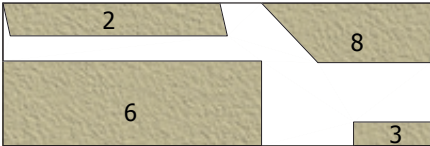
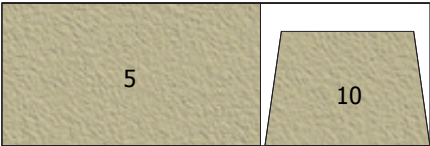
Qty: 1 	Qty: 2 <p>See important note opposite*</p>	Qty: 1
Qty: 2 	Qty: 2 	Qty: 1
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IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.

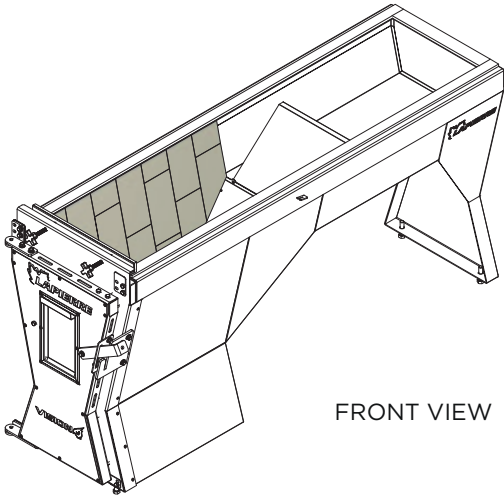


INSULATION PANEL CUTTING PATTERNS
18 X 48 INCH EVAPORATOR
Product code: IB016-180400ST

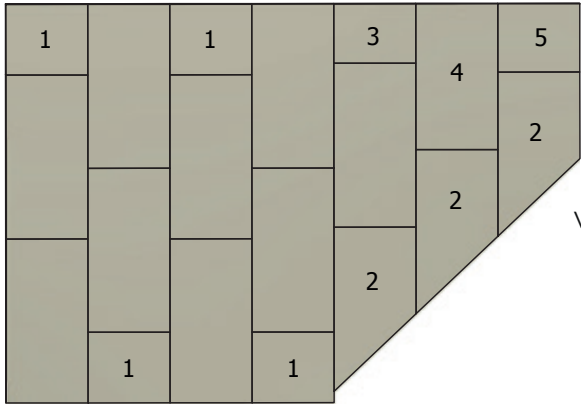




INSTALLATION DIAGRAMS FOR
HIGH-TEMPERATURE BRICK ON THE SIDES
18 X 48 INCH EVAPORATOR
Product code: IB016-180400ST



FRONT VIEW



VIEW OF THE SIDE
BRICKS LAYOUT

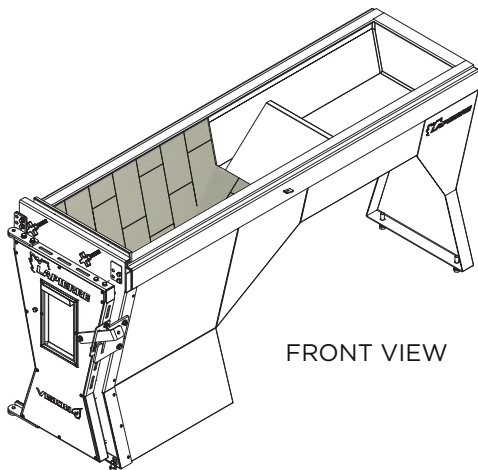
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<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>
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IMPORTANT NOTES CONCERNING MEASUREMENTS

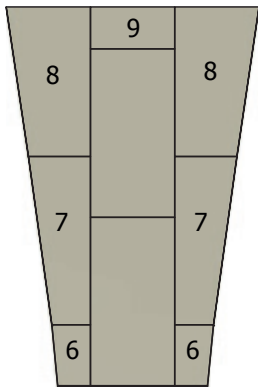
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



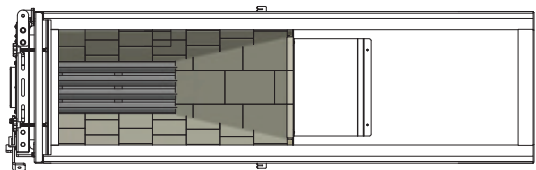
**HIGH-TEMPERATURE BRICK INSTALLATION
DIAGRAMS FOR FLOOR RISER
18 X 48 INCH EVAPORATOR**
Product code: IB016-180400ST



FRONT VIEW



VIEW OF THE BRICKS
ON THE FLOOR RISER



TOP VIEW

<p>Qty: 2</p>	<p>Qty: 2</p>
<p>Qty: 2</p>	<p>Qty: 1</p>

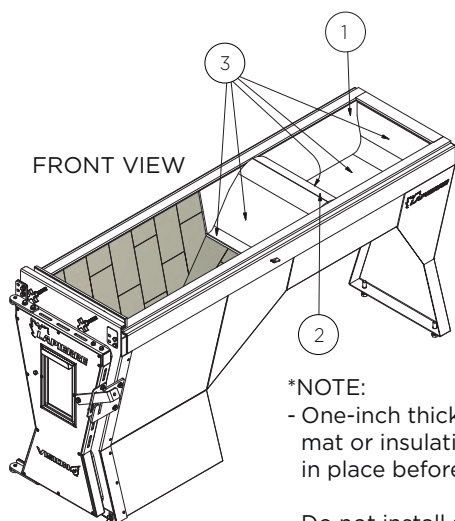
IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATING MAT INSTALLATION DIAGRAM 18 X 48 INCH EVAPORATOR

Product code: IB016-180400ST

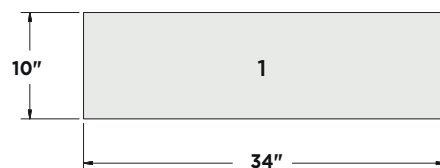


***NOTE:**

- One-inch thick wedge made of mat or insulation board to be put in place before Mat 3.
- Do not install a wedge if you are using accordion boiling pans.

REAR INNER SIDE FACES

Qty: 2



REAR RISER WEDGE

Qty: 1

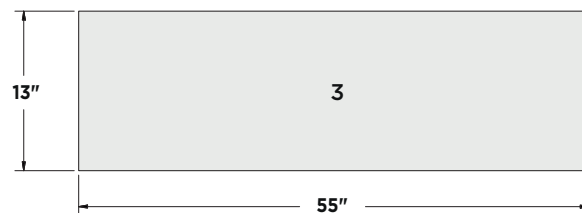


Voir notes ci-contre*

VUE DE DESSUS

REAR FLOOR, RISER AND DESCENDER, FLOOR, AND REAR WALL

Qty: 1



IMPORTANT NOTES CONCERNING MEASUREMENTS

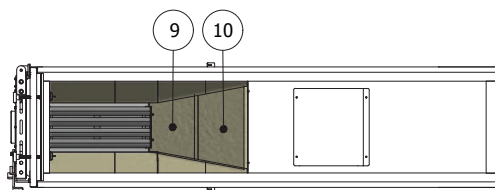
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



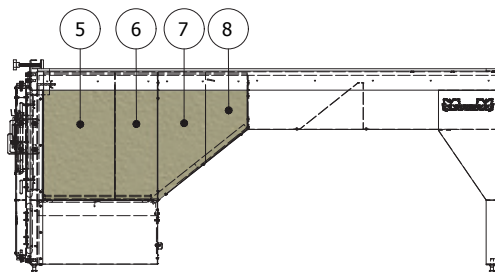
INSULATION PANEL INSTALLATION DIAGRAMS

18 X 60 INCH EVAPORATOR

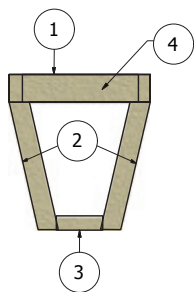
Product code: IB016-180500ST



TOP VIEW



SIDE VIEW



After brickwork on the sides, double the thickness of insulating piece 1, toward the inside, with **insulation piece 4**.

***IMPORTANT NOTE:** These two **insulation pieces (No. 2)** must not obstruct the passage of the logs in the combustion chamber. For this reason, chamfer their inner edge at a 45 degree angle once the installation is completed.

INTERIOR FRONT VIEW OF
THE INSULATING PARTS

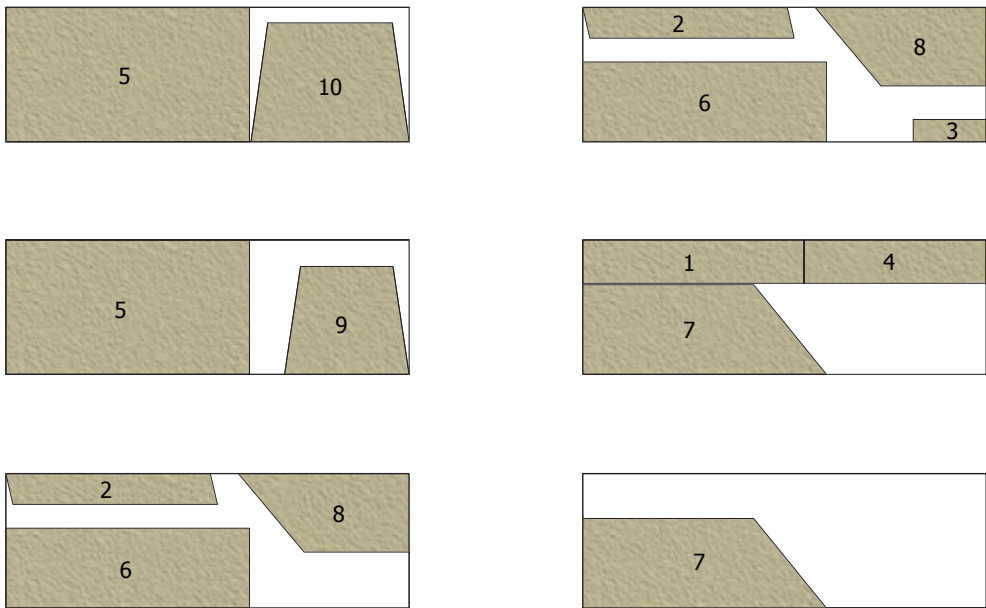
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Qty: 2 	Qty: 2 	Qty: 1
Qty: 2 	Qty: 1 	Qty: 1
Qty: 2 		

IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.

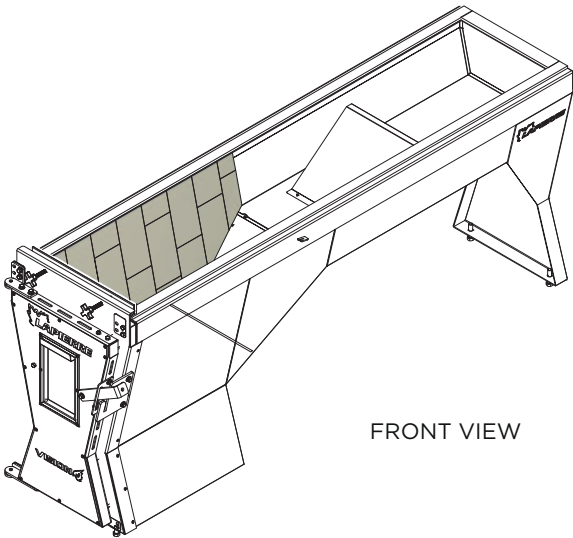


INSULATION PANEL CUTTING PATTERNS
18 X 60 INCH EVAPORATOR
Product code: IB016-180500ST

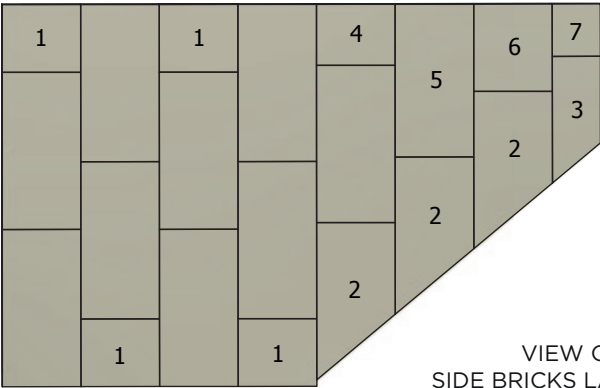




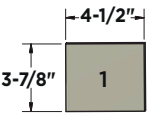
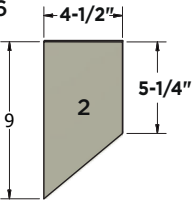
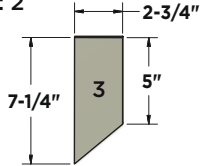
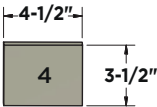
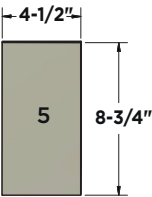
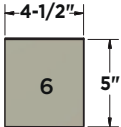
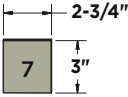
INSTALLATION DIAGRAMS FOR
HIGH-TEMPERATURE BRICK ON THE SIDES
18 X 60 INCH EVAPORATOR
Product code: IB016-180500ST



FRONT VIEW



VIEW OF THE
SIDE BRICKS LAYOUT

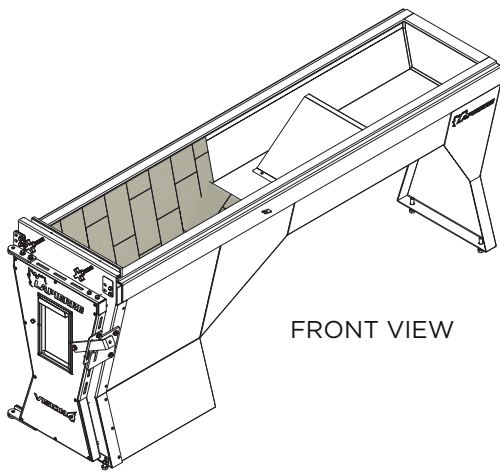
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<p>Qty: 2</p> 	

IMPORTANT NOTES CONCERNING MEASUREMENTS

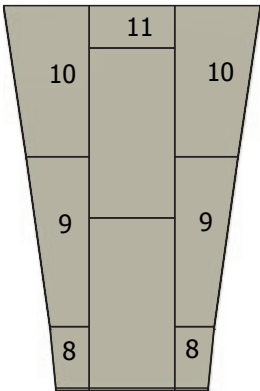
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



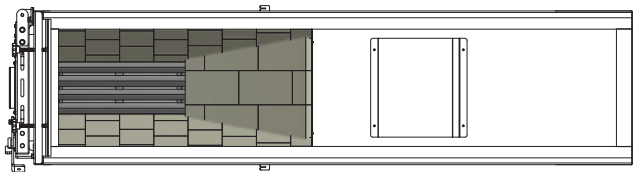
**HIGH-TEMPERATURE BRICK INSTALLATION
DIAGRAMS FOR FLOOR RISER
18 X 60 INCH EVAPORATOR**
Product code: IB016-180500ST



FRONT VIEW



VIEW OF THE BRICKS
ON THE FLOOR RISER



TOP VIEW

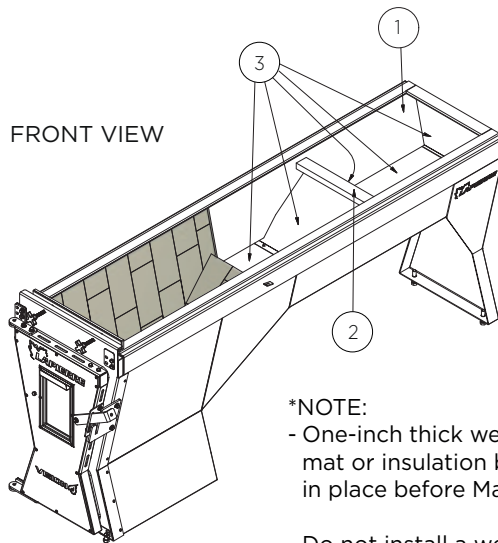
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IMPORTANT NOTES CONCERNING MEASUREMENTS
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATING MAT INSTALLATION DIAGRAM 18 X 60 INCH EVAPORATOR

Product code: IB016-180500ST

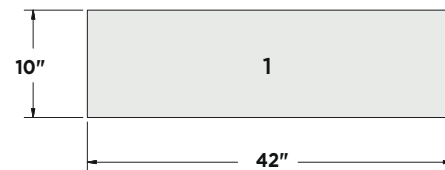


***NOTE:**

- One-inch thick wedge made of mat or insulation board to be put in place before Mat 3.
- Do not install a wedge if you are using accordion boiling pans.

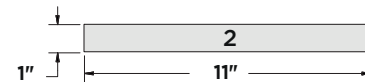
REAR INNER SIDE FACES

Qty: 2



REAR RISER WEDGE

Qty: 1

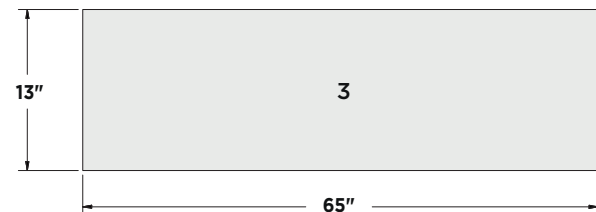


See note opposite*

TOP VIEW

REAR FLOOR, RISER AND DESCENDER, FLOOR, AND REAR WALL

Qty: 1



IMPORTANT NOTES CONCERNING MEASUREMENTS

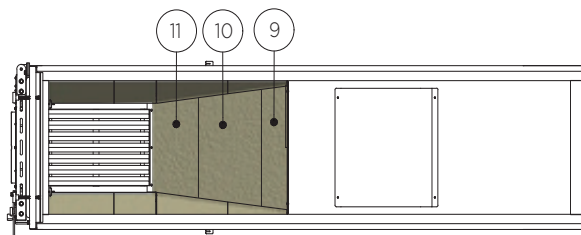
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



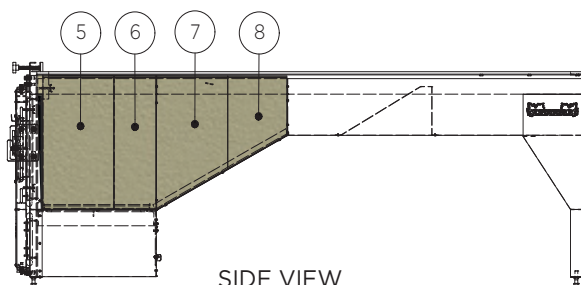
INSULATION PANEL INSTALLATION DIAGRAMS

24 X 72 INCH EVAPORATOR

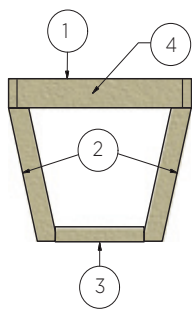
Product code: IB016-240600ST



TOP VIEW



SIDE VIEW



After brickwork on the sides, double the thickness of insulating piece 1, toward the inside, with **insulation piece 4**.

***IMPORTANT NOTE:** These two **insulation pieces (No. 2)** must not present an obstacle to the passage of the logs in the combustion chamber. For this reason, chamfer their inner edge at a 45 degree angle once the installation is completed.

INTERIOR FRONT VIEW OF
THE INSULATING PARTS

Qty: 1 	Qty: 2 	Qty: 1
Qty: 2 	Qty: 2 	Qty: 1
Qty: 1 	Qty: 2 	Qty: 1
Qty: 1 	Qty: 2 	

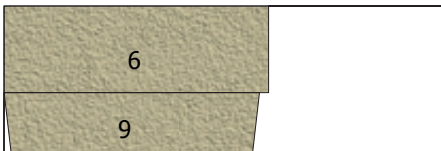
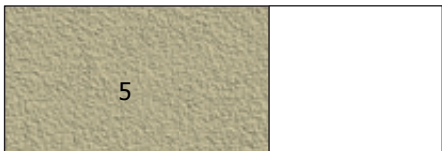
IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.

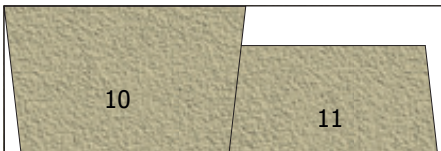
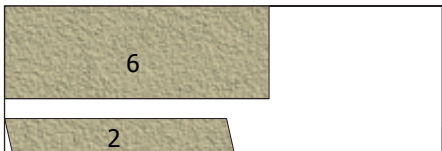
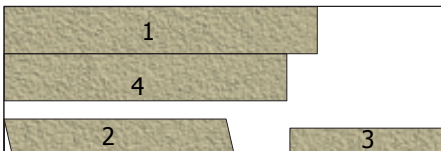
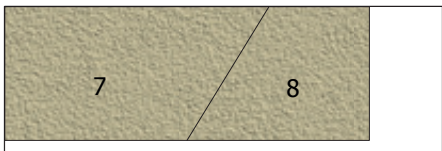


INSULATION PANEL CUTTING PATTERNS
24 X 72 INCH EVAPORATOR
Product code: IB016-240600ST

Qty: 2

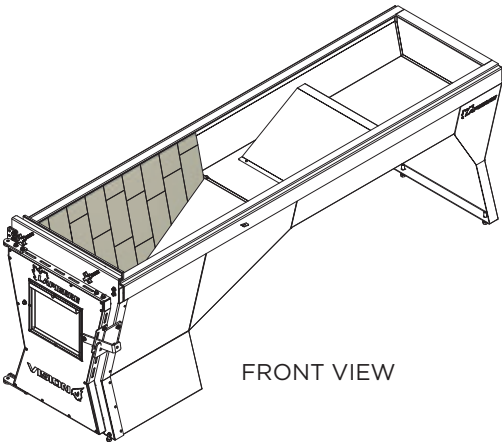


Qty: 2

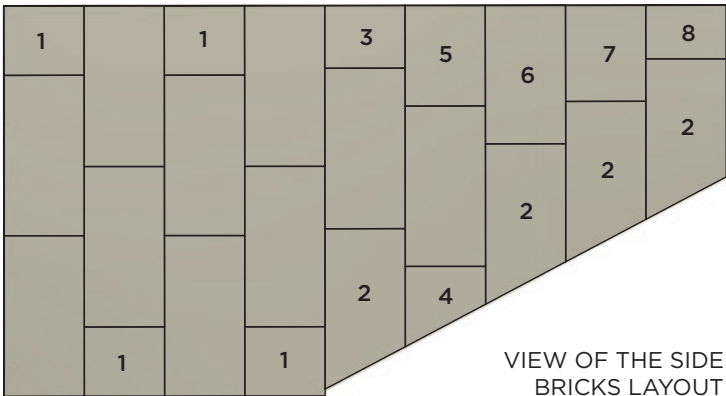




INSTALLATION DIAGRAMS FOR
HIGH-TEMPERATURE BRICK ON THE SIDES
24 X 72 INCH EVAPORATOR
Product code: IB016-240600ST



FRONT VIEW



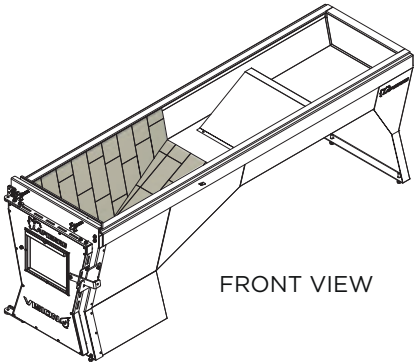
VIEW OF THE SIDE
BRICKS LAYOUT

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<div>Qty: 8</div> <div></div>	<div>Qty: 2</div> <div></div>
<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>
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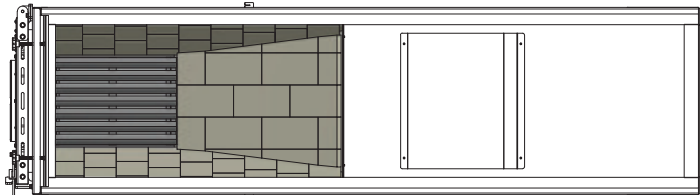
IMPORTANT NOTES CONCERNING MEASUREMENTS
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



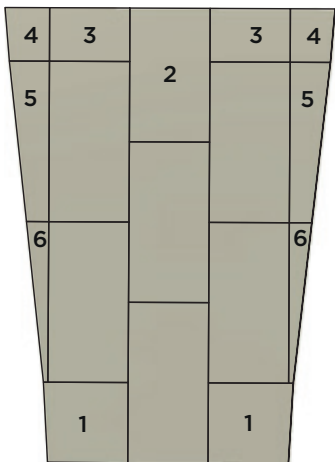
**HIGH-TEMPERATURE BRICK INSTALLATION
DIAGRAMS FOR FLOOR RISER
24 X 72 INCH EVAPORATOR**
Product code: IB016-240600ST



FRONT VIEW



TOP VIEW



VIEW OF THE BRICKS
ON THE FLOOR RISER

<p>Qty: 2</p>	<p>Qty: 1</p>	<p>Qty: 2</p>	<p>Qty: 2</p>
<p>Qty: 2</p>	<p>Qty: 2</p>		

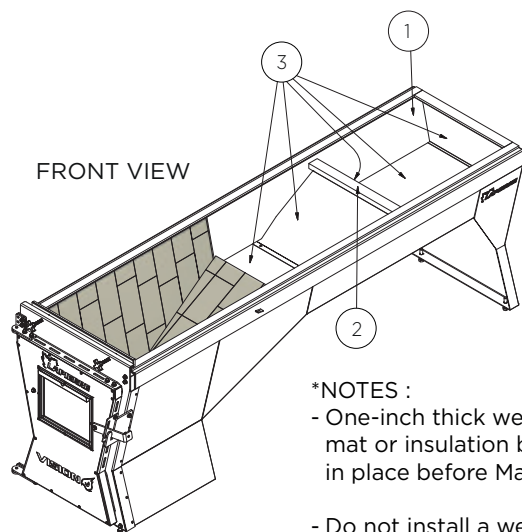
IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATING MAT INSTALLATION DIAGRAM 24 X 72 INCH EVAPORATOR

Product code: IB016-240600ST

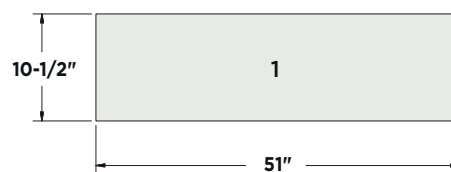


***NOTES :**

- One-inch thick wedge made of mat or insulation board to be put in place before Mat 3.
- Do not install a wedge if you are using accordion boiling pans.

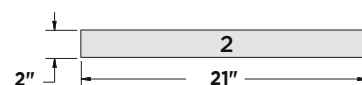
REAR INNER SIDE FACES

Qty: 2



REAR RISER WEDGE

Qty: 1

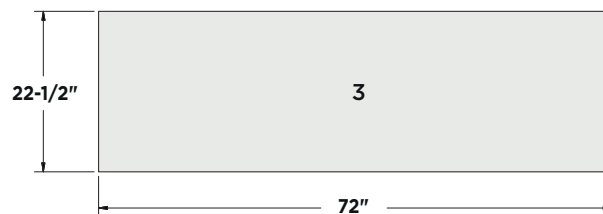


Voir notes ci-contre*

VUE DE DESSUS

REAR FLOOR, RISER AND DESCENDER, FLOOR, AND REAR WALL

Qty: 1

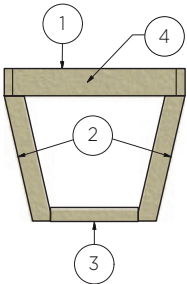
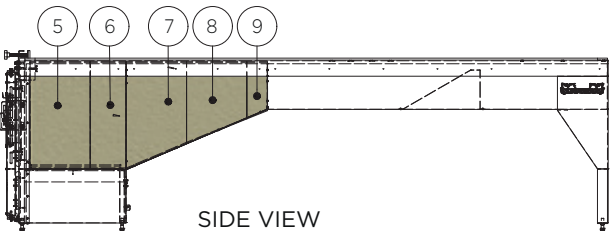


IMPORTANT NOTES CONCERNING MEASUREMENTS

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- Adjust measurements as required, on site, during installation.



INSULATION PANEL INSTALLATION DIAGRAMS
FOR SIDES AND INTERIOR FRONT VIEW
24 X 96 INCH EVAPORATOR
Product code: IB016-240800ST



After brickwork on the sides, double the thickness of insulating piece 1, toward the inside, with **insulation piece 4**.

***IMPORTANT NOTE:** These two **insulation pieces (No. 2)** must not present an obstacle to the passage of the logs in the combustion chamber. For this reason, chamfer their inner edge at a 45 degree angle once the installation is completed.

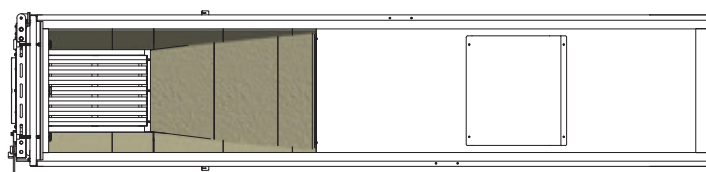
INTERIOR FRONT VIEW OF THE INSULATING PARTS

<div>Qty: 1</div> <div></div>	<div>Qty: 2</div> <div></div> <div>See important note opposite*</div>	<div>Qty: 1</div> <div></div>
<div>Qty: 1</div> <div></div>	<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>
<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>

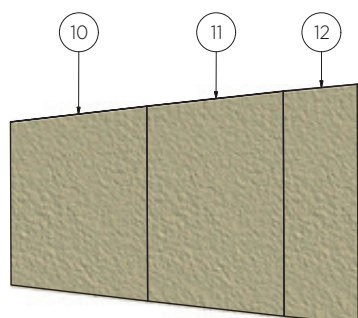
IMPORTANT NOTES CONCERNING MEASUREMENTS
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



**INSULATION PANEL INSTALLATION DIAGRAMS
FOR FLOOR RISER
24 X 96 INCH EVAPORATOR**
Product code: IB016-240800ST

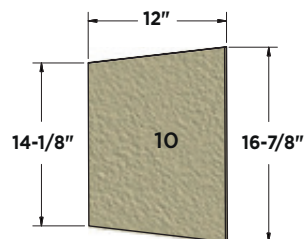


TOP VIEW

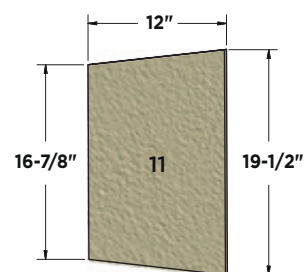


VIEW OF THE INSULATING
PARTS ON THE FLOOR RISER

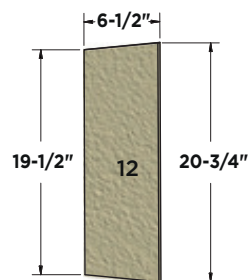
Qty: 1



Qty: 1



Qty: 1

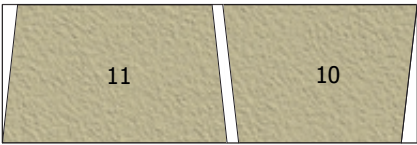
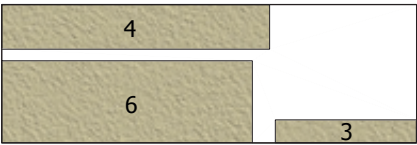
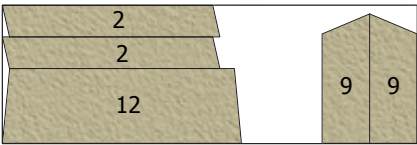
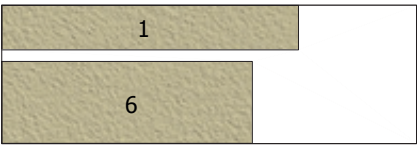
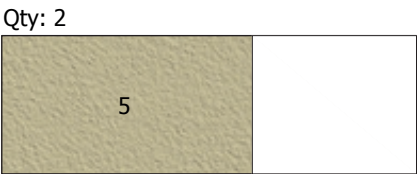


IMPORTANT NOTES CONCERNING MEASUREMENTS

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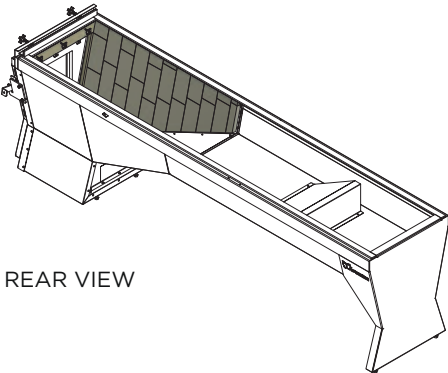


INSULATION PANEL CUTTING PATTERNS
24 X 96 INCH EVAPORATOR
Product code: IB016-240800ST

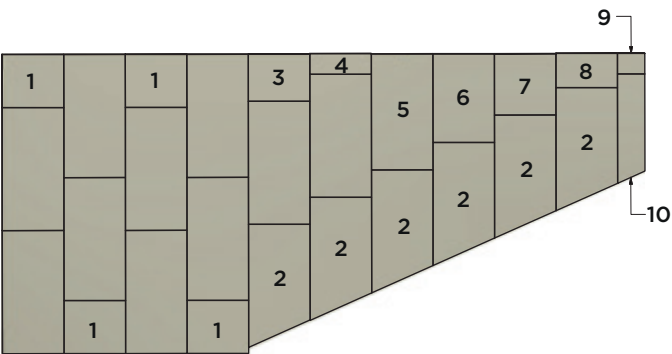




INSTALLATION DIAGRAMS FOR
HIGH-TEMPERATURE BRICK ON THE SIDES
24 X 96 INCH EVAPORATOR
Product code: IB016-240800ST



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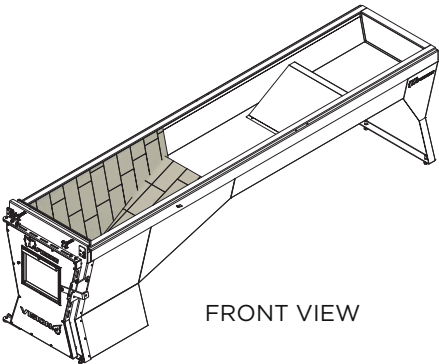


VIEW OF THE SIDE
BRICKS LAYOUT

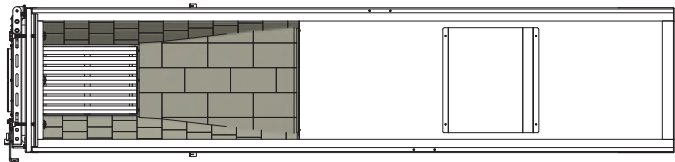
IMPORTANT NOTES CONCERNING MEASUREMENTS
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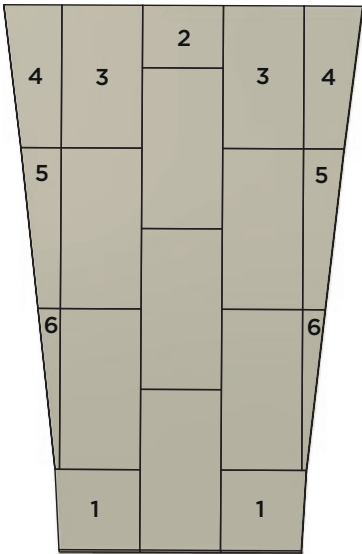
**HIGH-TEMPERATURE BRICK INSTALLATION
DIAGRAMS FOR FLOOR RISER
24 X 96 INCH EVAPORATOR**
Product code: IB016-240800ST



FRONT VIEW



TOP VIEW



VIEW OF THE BRICKS
ON THE FLOOR RISER

<p>Qty: 2</p>	<p>Qty: 1</p>	<p>Qty: 2</p>	<p>Qty: 2</p>
<p>Qty: 2</p>	<p>Qty: 2</p>		

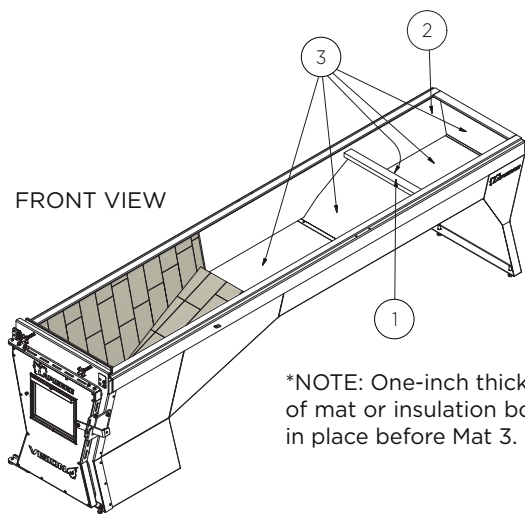
IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
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**INSULATING MAT INSTALLATION DIAGRAM
24 X 96 INCH EVAPORATOR**

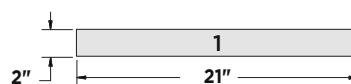
Product code: IB016-240800ST



*NOTE: One-inch thick wedge made of mat or insulation board to be put in place before Mat 3.

REAR RISER WEDGE

Qty: 1

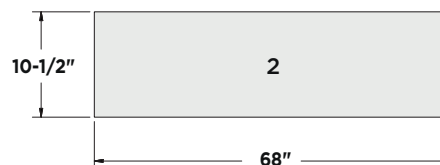


See note opposite*

TOP VIEW

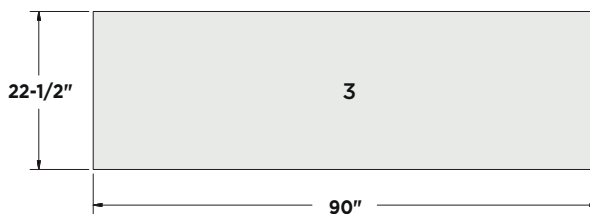
REAR INNER SIDE FACES

Qty: 2



**REAR FLOOR, RISER AND DESCENDER,
FLOOR, AND REAR WALL**

Qty: 1

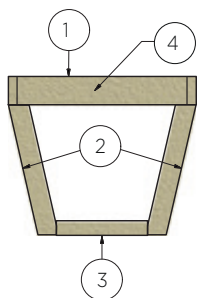
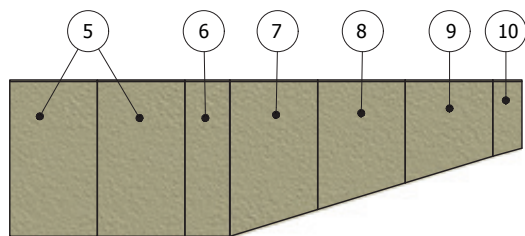
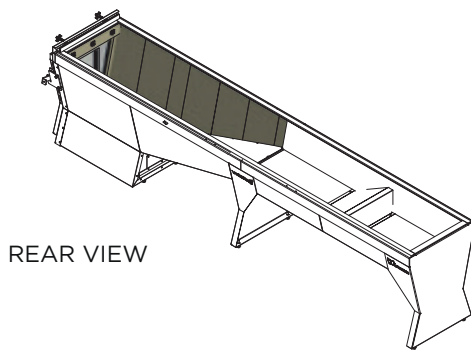


IMPORTANT NOTES CONCERNING MEASUREMENTS

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- Adjust measurements as required, on site, during installation.



**INSULATION PANEL INSTALLATION DIAGRAMS
FOR SIDES AND INTERIOR FRONT VIEW
24 X 120 INCH EVAPORATOR**
Product code: IB016-241000ST



After brickwork on the sides, double the thickness of insulating piece 1, toward the inside, with **insulation piece 4**.

***IMPORTANT NOTE:** These two **insulation pieces (No. 2)** must not present an obstacle to the passage of the logs in the combustion chamber. For this reason, chamfer their inner edge at a 45 degree angle once the installation is completed.

INTERIOR FRONT VIEW OF
THE INSULATING PARTS

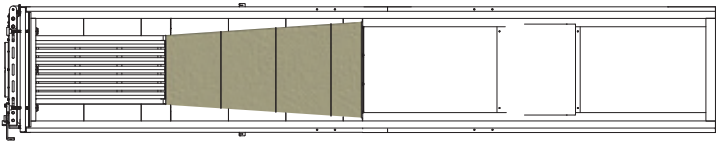
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<p>Qty: 2</p>	<p>Qty: 2</p>	<p>Qty: 2</p>
<p>Qty: 2</p>		

IMPORTANT NOTES CONCERNING MEASUREMENTS

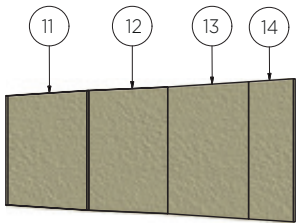
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATION PANEL INSTALLATION DIAGRAMS
FOR FLOOR RISER
24 X 120 INCH EVAPORATOR
Product code: IB016-241000ST



TOP VIEW



VIEW OF THE INSULATING
PARTS ON THE FLOOR RISER

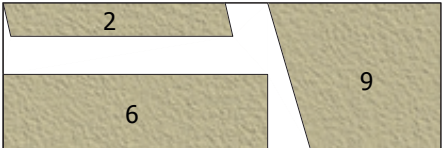
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IMPORTANT NOTES CONCERNING MEASUREMENTS
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.

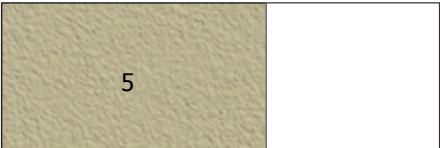


INSULATION PANEL CUTTING PATTERNS
24 X 120 INCH EVAPORATOR
Product code: IB016-241000ST

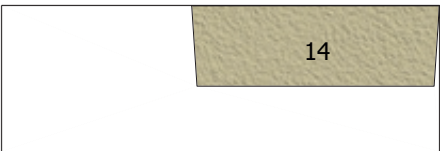
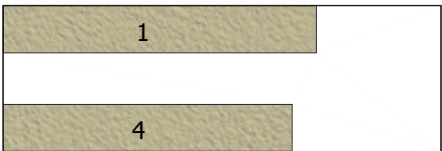
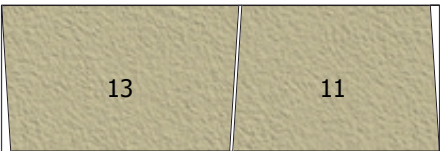
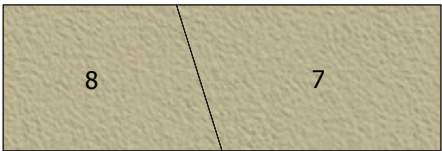
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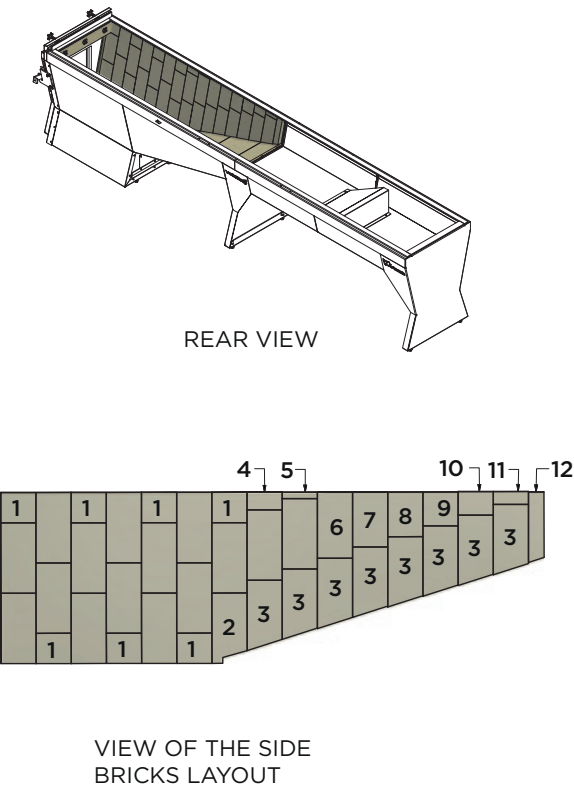


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INSTALLATION DIAGRAMS FOR
HIGH-TEMPERATURE BRICK ON THE SIDES
24 X 120 INCH EVAPORATOR
Product code: IB016-241000ST

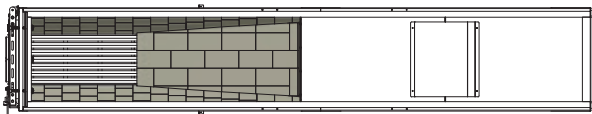


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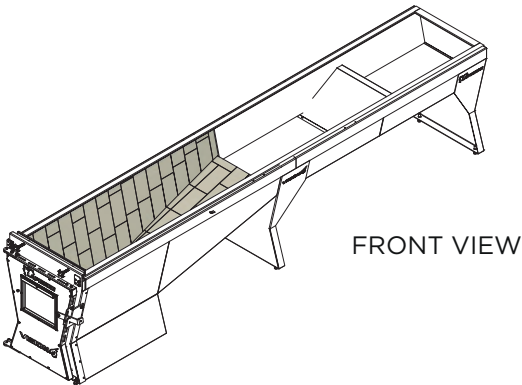
IMPORTANT NOTES CONCERNING MEASUREMENTS
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



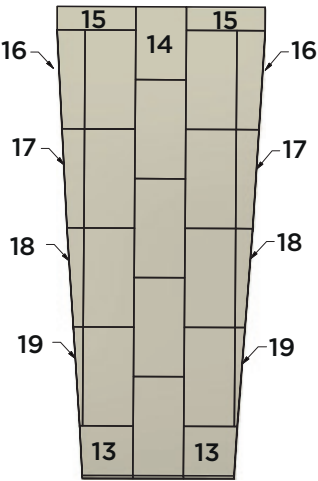
**HIGH-TEMPERATURE BRICK INSTALLATION
DIAGRAMS FOR FLOOR RISER
24 X 120 INCH EVAPORATOR**
Product code: IB016-241000ST



TOP VIEW



FRONT VIEW



VIEW OF THE BRICKS
ON THE FLOOR RISER

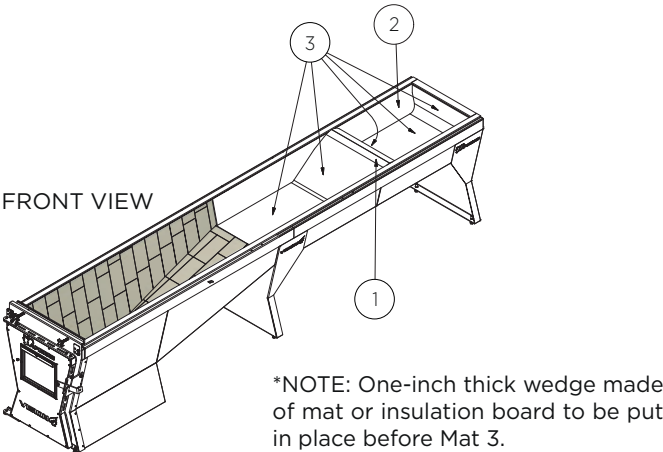
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<p>Qty: 2</p>		

IMPORTANT NOTES CONCERNING MEASUREMENTS

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INSULATING MAT INSTALLATION DIAGRAM
24 X 120 INCH EVAPORATOR
Product code: IB016-241000ST



REAR RISER WEDGE
Qty: 1

See note opposite*

TOP VIEW

REAR INNER SIDE FACES
Qty: 2

10"
74"

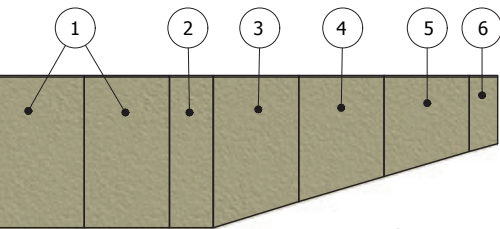
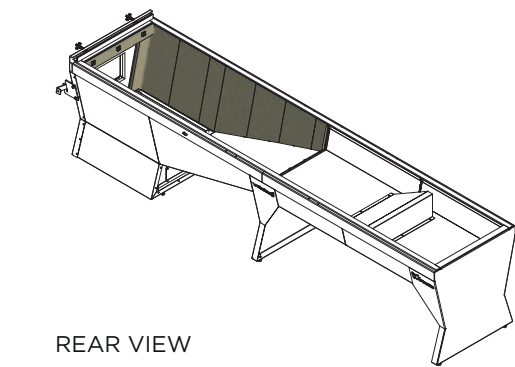
REAR FLOOR, RISER AND DESCENDER,
FLOOR, AND REAR WALL
Qty: 1

21"
96"

IMPORTANT NOTES CONCERNING MEASUREMENTS
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INSULATION PANEL INSTALLATION DIAGRAMS
FOR SIDES
30 X 120 INCH EVAPORATOR
Product code: IB016-301000ST



VIEW OF THE INSULATING
PARTS ON THE SIDES

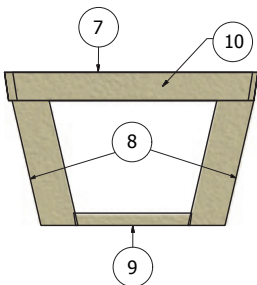
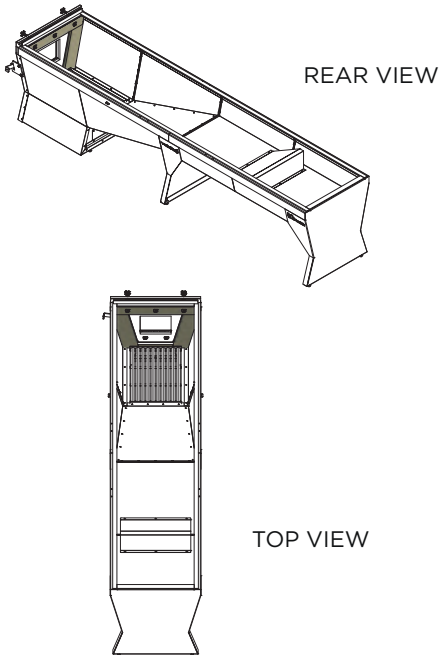
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IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATION PANEL INSTALLATION DIAGRAMS
FOR INTERIOR FRONT VIEW
30 X 120 INCH EVAPORATOR
Product code: IB016-301000ST



INTERIOR FRONT VIEW OF THE INSULATING PARTS

After brickwork on the sides, double the thickness of insulating piece 7, toward the inside, with **insulating piece 10**.

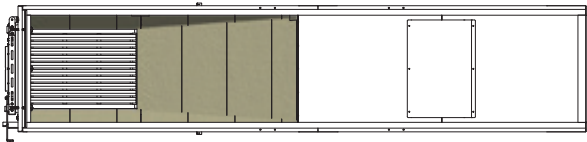
***IMPORTANT NOTE:** These two **insulation pieces (No. 8)** must not present an obstacle to the passage of the logs in the combustion chamber. For this reason, chamfer their inner edge at a 45 degree angle once the installation is completed.

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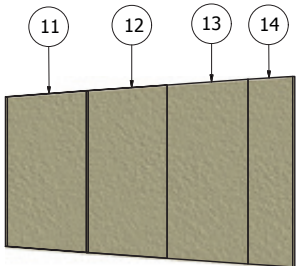
IMPORTANT NOTES CONCERNING MEASUREMENTS
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATION PANEL INSTALLATION DIAGRAMS
FOR FLOOR RISER
30 X 120 INCH EVAPORATOR
Product code: IB016-301000ST



TOP VIEW



VIEW OF THE INSULATING
PARTS ON THE FLOOR RISER

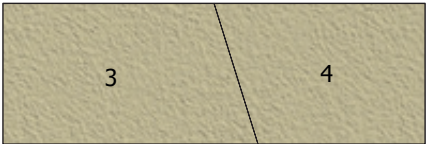
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IMPORTANT NOTES CONCERNING MEASUREMENTS
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- Adjust measurements as required, on site, during installation.

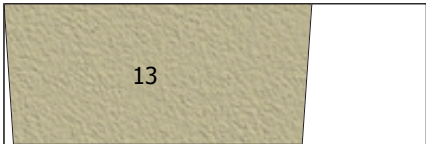
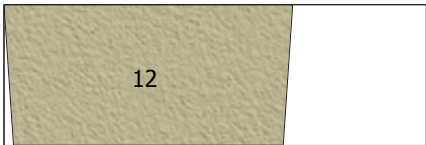
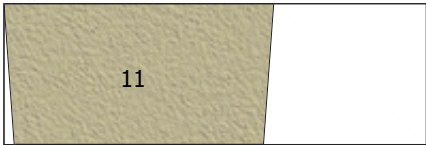


INSULATION PANEL CUTTING PATTERNS
30 X 120 INCH EVAPORATOR
Product code: IB016-301000ST

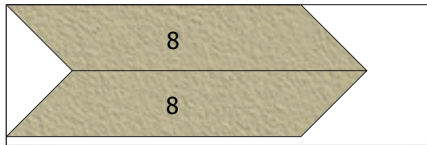
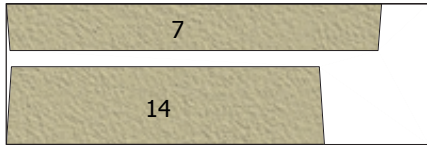
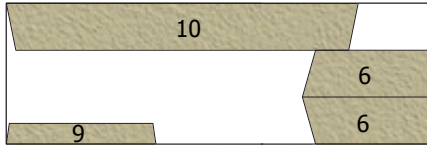
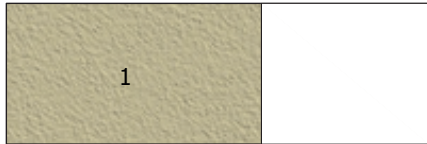
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Qty: 2

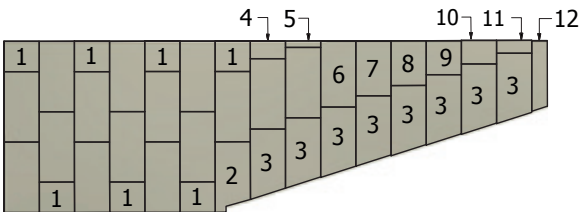
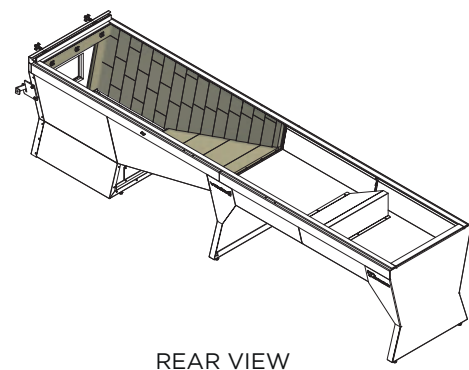


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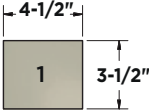
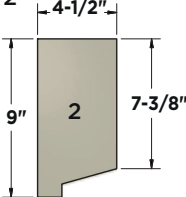
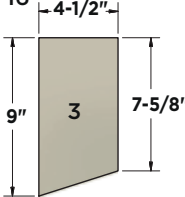
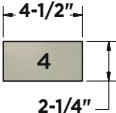
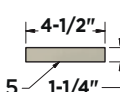

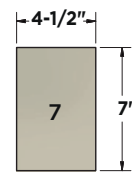
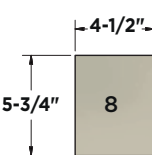
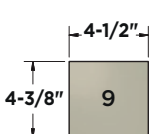
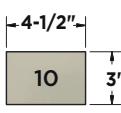
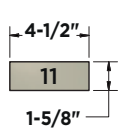
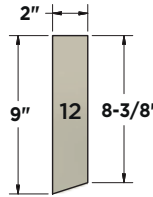




INSTALLATION DIAGRAMS FOR
HIGH-TEMPERATURE BRICK ON THE SIDES
30 X 120 INCH EVAPORATOR
Product code: IB016-301000ST



VIEW OF THE SIDE
BRICKS LAYOUT

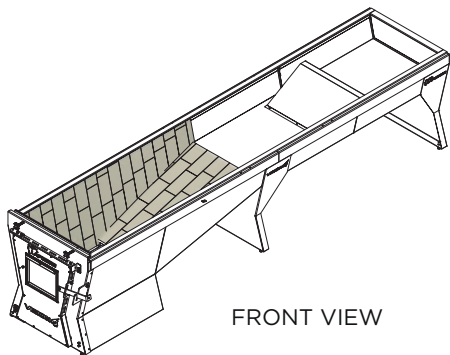
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<p>Qty: 2</p> 	<p>Qty: 2</p> 	<p>Qty: 2</p> 
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IMPORTANT NOTES CONCERNING MEASUREMENTS

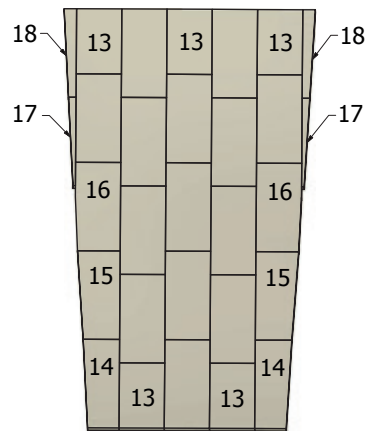
- Measurements for information purposes only.
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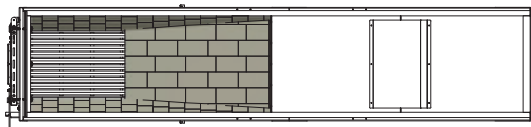
**HIGH-TEMPERATURE BRICK INSTALLATION
DIAGRAMS FOR FLOOR RISER
30 X 120 INCH EVAPORATOR**
Product code: IB016-301000ST



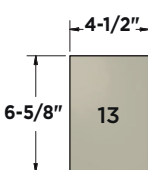
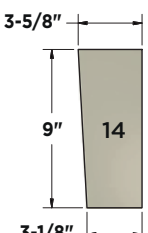

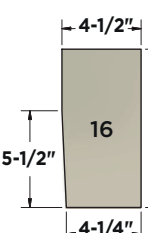
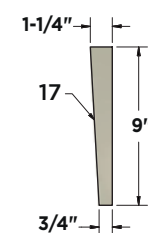
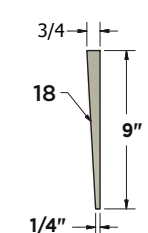
FRONT VIEW



VIEW OF THE BRICKS
ON THE FLOOR RISER



TOP VIEW

<p>Qty: 5</p> 	<p>Qty: 2</p> 	<p>Qty: 2</p> 	<p>Qty: 2</p> 
<p>Qty: 2</p> 	<p>Qty: 2</p> 		

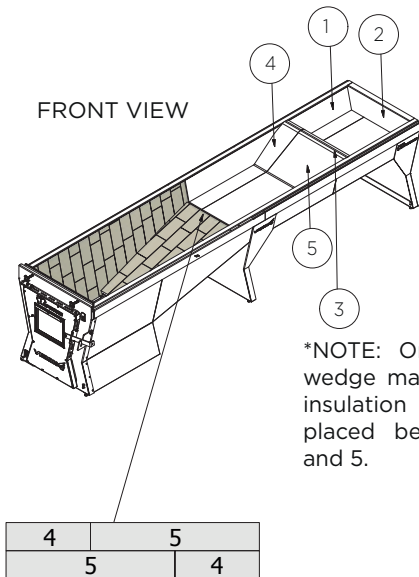
IMPORTANT NOTES CONCERNING MEASUREMENTS

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INSULATING MAT INSTALLATION DIAGRAM 30 X 120 INCH EVAPORATOR

Product code: IB016-301000ST



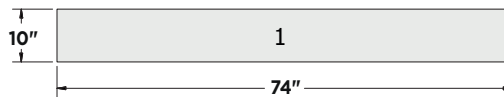
This illustration shows a **front view of the ends of the mats**, side by side and superimposed on two layers, at the end of the bricks of the riser

Arrange the four mats 4 and 5 as shown in this illustration.

Each mat is 1 in. (2.54 cm) thick, so the final layer will have a total thickness of 2 in. (5.08 cm).

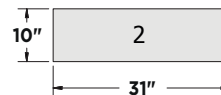
REAR INNER SIDE FACES

Qty: 2



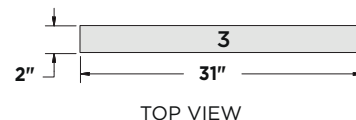
REAR WALL

Qty: 1



REAR RISER WEDGE

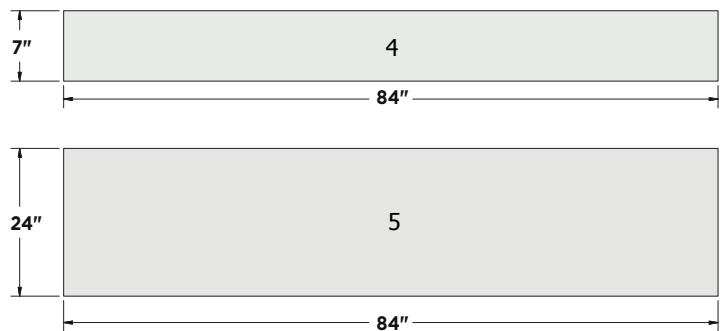
Qty: 1



See note opposite*

REAR FLOOR, RISER AND DESCENDER, AND FLOOR

Qty: 4 (2 x 2 EACH)

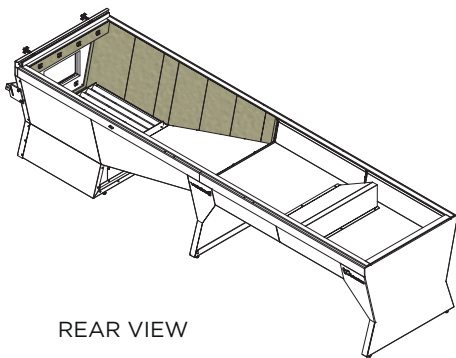


IMPORTANT NOTES CONCERNING MEASUREMENTS

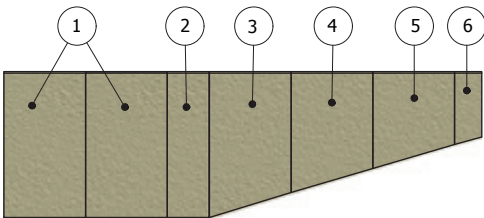
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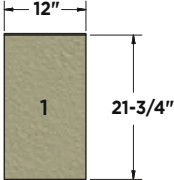
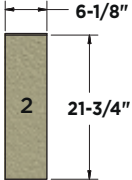
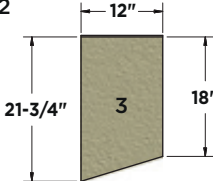
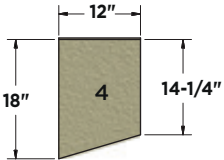
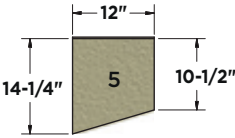
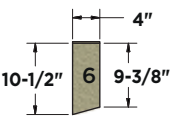
INSULATION PANEL INSTALLATION DIAGRAMS
FOR SIDES
36 X 120 INCH EVAPORATOR
Product code: IB016-361000ST



REAR VIEW



VIEW OF THE INSULATING
PARTS ON THE SIDES

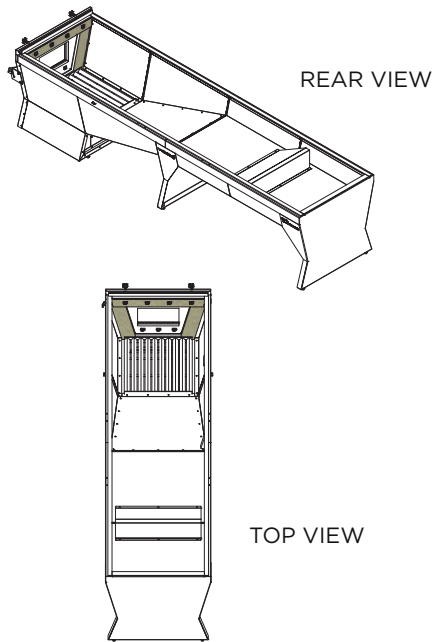
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Qty: 2 	Qty: 2 
Qty: 2 	Qty: 2 

IMPORTANT NOTES CONCERNING MEASUREMENTS

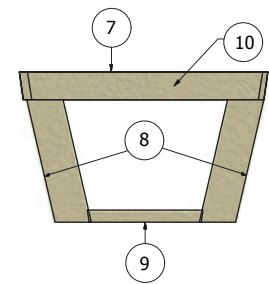
- Measurements for information purposes only.
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INSULATION PANEL INSTALLATION DIAGRAMS
FOR INTERIOR FRONT VIEW
36 X 120 INCH EVAPORATOR
Product code: IB016-361000ST



<p>Qty: 1</p>	<p>Qty: 2</p>
<p>Qty: 1</p>	<p>Qty: 1</p>



After brickwork on the sides, double the thickness of insulating piece 7, toward the inside, with **insulating piece 10**.

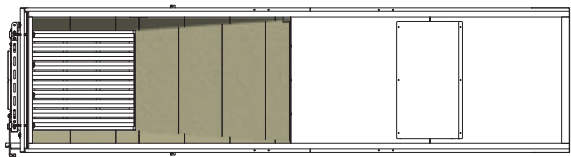
***IMPORTANT NOTE:** These two **insulation pieces (No. 8)** must not present an obstacle to the passage of the logs in the combustion chamber. For this reason, chamfer their inner edge at a 45 degree angle once the installation is completed.

INTERIOR FRONT VIEW OF
THE INSULATING PARTS

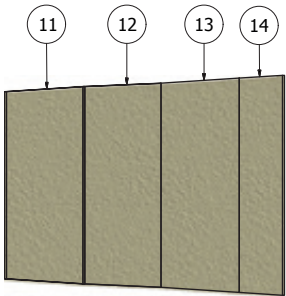
IMPORTANT NOTES CONCERNING MEASUREMENTS
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATION PANEL INSTALLATION DIAGRAMS
FOR FLOOR RISER
36 X 120 INCH EVAPORATOR
Product code: IB016-361000ST



TOP VIEW



VIEW OF THE INSULATING
PARTS ON THE FLOOR RISER

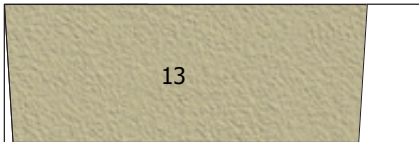
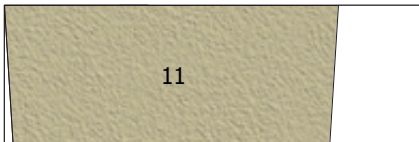
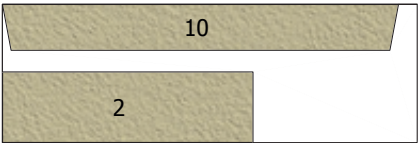
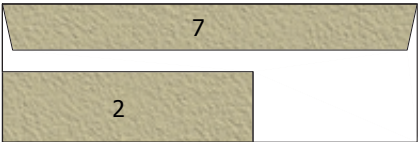
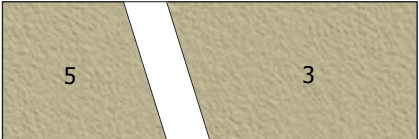
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IMPORTANT NOTES CONCERNING MEASUREMENTS
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.

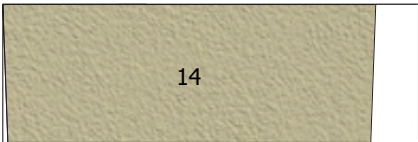
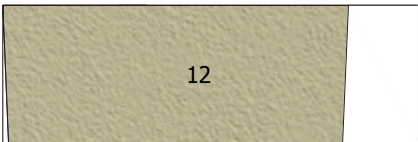
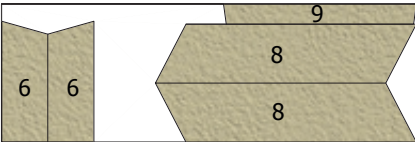
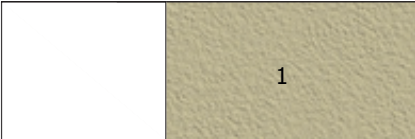


INSULATION PANEL CUTTING PATTERNS
36 X 120 INCH EVAPORATOR
Product code: IB016-361000ST

Qty: 2

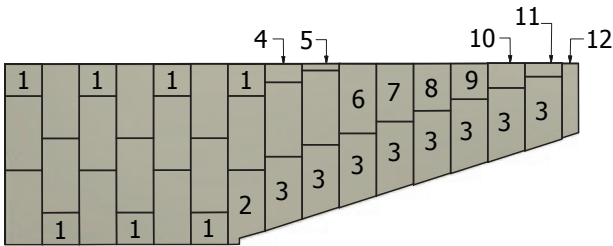
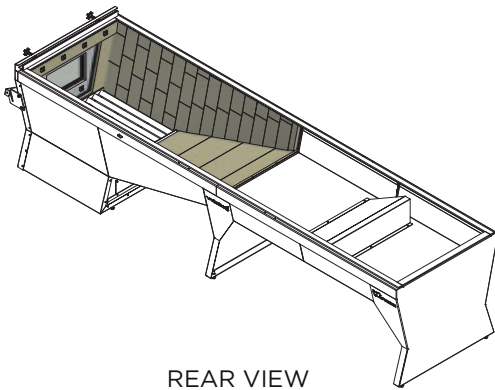


Qty: 4





INSTALLATION DIAGRAMS FOR
HIGH-TEMPERATURE BRICK ON THE SIDES
36 X 120 INCH EVAPORATOR
Product code: IB016-361000ST



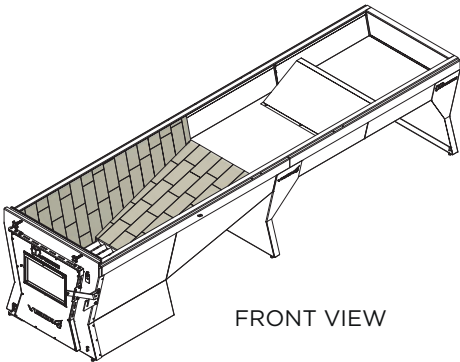
VIEW OF THE SIDE
BRICKS LAYOUT

<div>Qty: 14</div> <div></div>	<div>Qty: 2</div> <div></div>	<div>Qty: 16</div> <div></div>
<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>
<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>
<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>	<div>Qty: 2</div> <div></div>

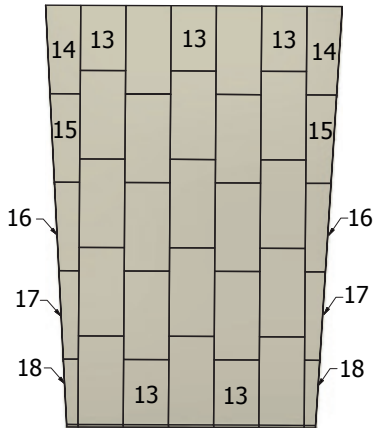
IMPORTANT NOTES CONCERNING MEASUREMENTS
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



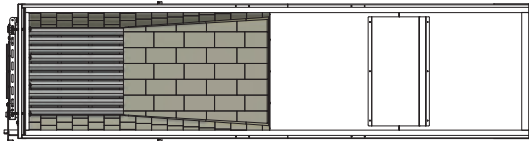
HIGH-TEMPERATURE BRICK INSTALLATION
DIAGRAMS FOR FLOOR RISER
36 X 120 INCH EVAPORATOR
Product code: IB016-361000ST



FRONT VIEW



VIEW OF THE BRICKS
ON THE FLOOR RISER



TOP VIEW

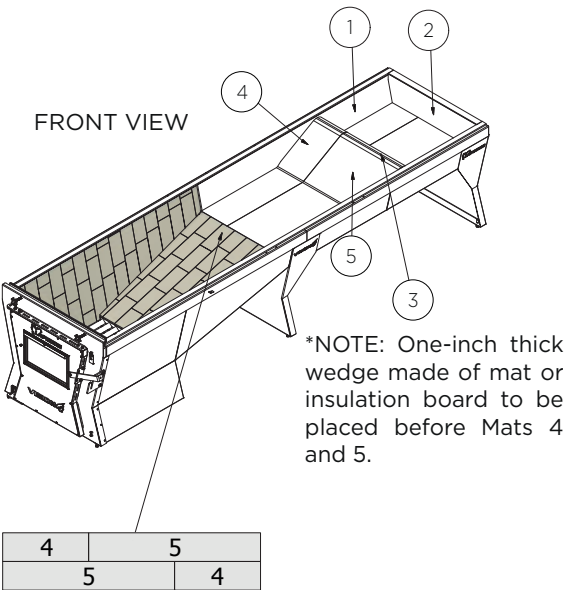
<p>Qty: 5</p> <p>4-1/2"</p> <p>6-5/8"</p> <p>13</p>	<p>Qty: 2</p> <p>3-1/2"</p> <p>9"</p> <p>3"</p> <p>14</p>	<p>Qty: 2</p> <p>3"</p> <p>9"</p> <p>2-1/2"</p> <p>15</p>	<p>Qty: 2</p> <p>2-1/2"</p> <p>9"</p> <p>2"</p> <p>16</p>
<p>Qty: 2</p> <p>2"</p> <p>9"</p> <p>1-1/2"</p> <p>17</p>	<p>Qty: 2</p> <p>1-1/2"</p> <p>6-5/8"</p> <p>1-1/8"</p> <p>18</p>		

IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATING MAT INSTALLATION DIAGRAM
36 X 120 INCH EVAPORATOR
Product code: IB016-361000ST

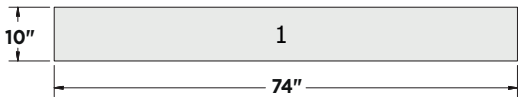


This illustration shows **a front view of the ends of the mats**, side by side and superimposed on two layers, at the end of the bricks of the riser

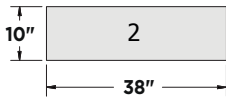
Arrange the four mats 4 and 5 as shown in this illustration.

Each mat is 1 in. (2.54 cm) thick, so the final layer will have a total thickness of 2 in. (5.08 cm).

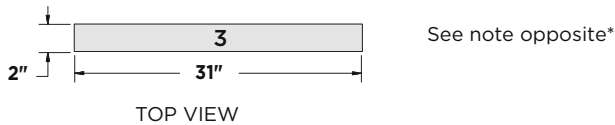
REAR INNER SIDE FACES
Qty: 2



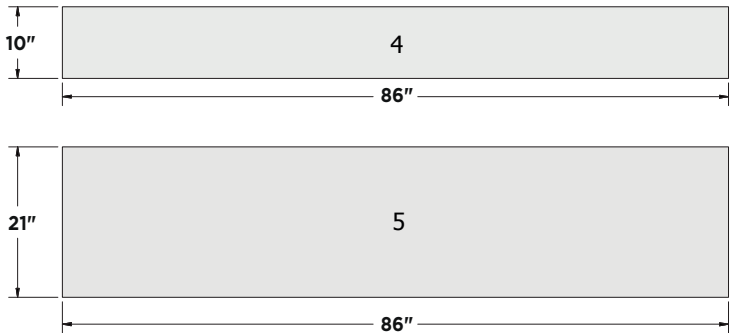
REAR WALL
Qty: 1



REAR RISER WEDGE
Qty: 1



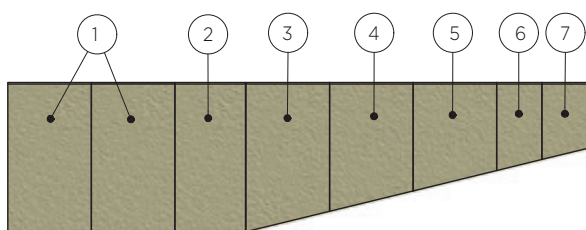
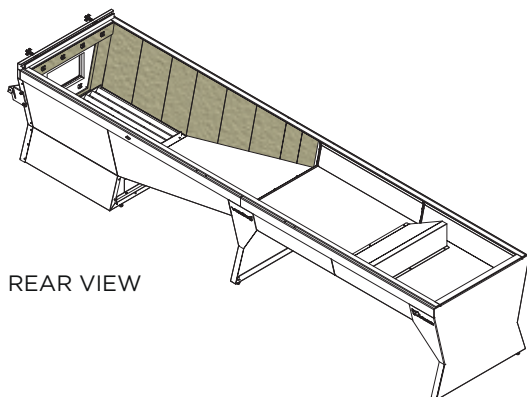
REAR FLOOR, RISER AND DESCENDER, AND FLOOR
Qty: 4 (2 x 2 EACH)



- IMPORTANT NOTES CONCERNING MEASUREMENTS**
- Measurements for information purposes only.
 - Adjust measurements as required, on site, during installation.



**INSULATION PANEL INSTALLATION DIAGRAMS
FOR SIDES
36 X 144 INCH EVAPORATOR**
Product code: IB016-361200ST



VIEW OF THE INSULATING
PARTS ON THE SIDES

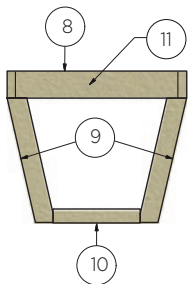
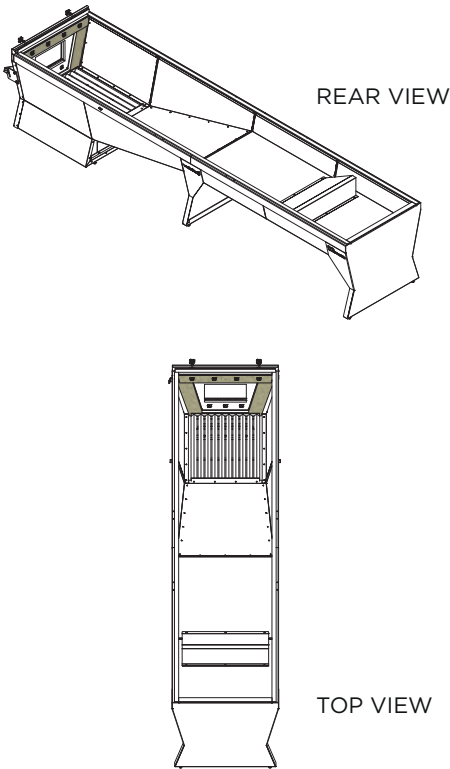
<p>Qty: 4</p> <p>1</p>	<p>Qty: 2</p> <p>2</p>
<p>Qty: 2</p> <p>3</p>	<p>Qty: 2</p> <p>4</p>
<p>Qty: 2</p> <p>5</p>	<p>Qty: 2</p> <p>6</p>
	<p>Qty: 2</p> <p>7</p>

IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATION PANEL INSTALLATION DIAGRAMS
FOR INTERIOR FRONT VIEW
36 X 144 INCH EVAPORATOR
Product code: IB016-361200ST



INTERIOR FRONT VIEW
OF THE INSULATING PARTS

After brickwork on the sides, double the thickness of insulating piece 8, toward the inside, with **insulating piece 11**.

***IMPORTANT NOTE:** These two **insulating pieces (No. 9)** must not present an obstacle to the passage of the logs in the combustion chamber. For this reason, chamfer their inner edge at a 45 degree angle once the installation is completed.

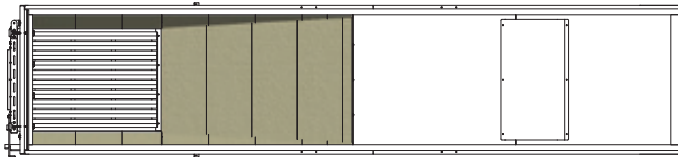
<p>Qty: 1</p>	<p>Qty: 2</p>
<p>Qty: 1</p>	<p>Qty: 1</p>

IMPORTANT NOTES CONCERNING MEASUREMENTS

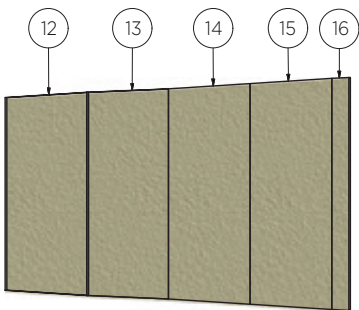
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



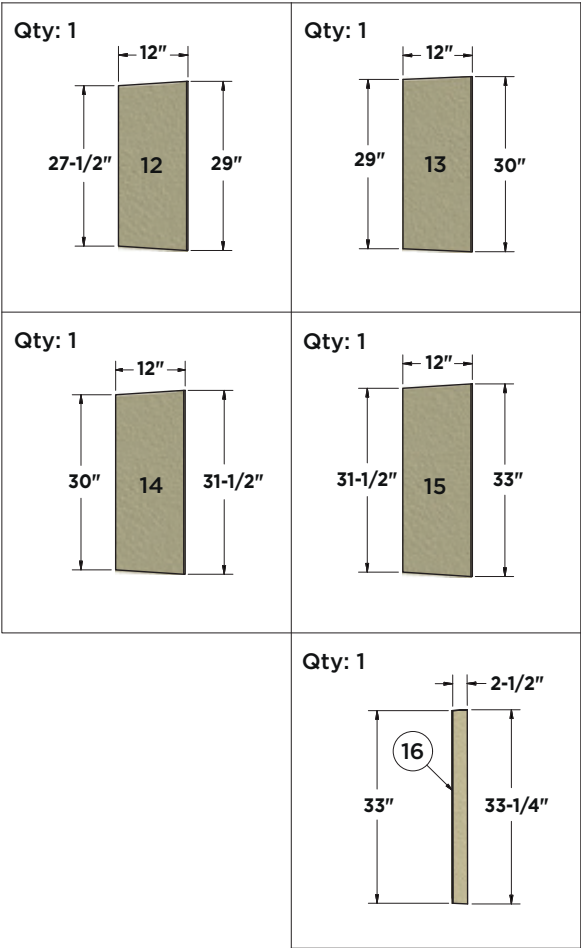
INSULATION PANEL INSTALLATION DIAGRAMS
FOR FLOOR RISER
36 X 144 INCH EVAPORATOR
Product code: IB016-361200ST



TOP VIEW



VIEW OF THE INSULATING
PARTS ON THE FLOOR RISER



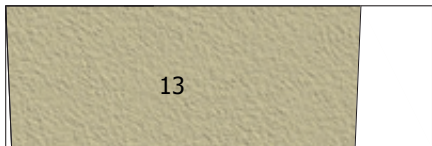
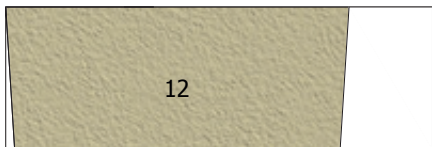
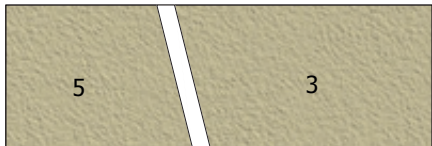
IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATION PANEL CUTTING PATTERNS
36 X 144 INCH EVAPORATOR
Product code: IB016-361200ST

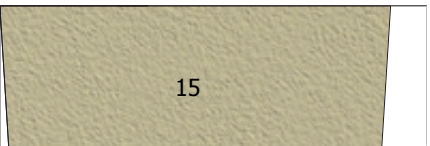
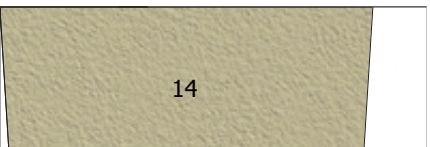
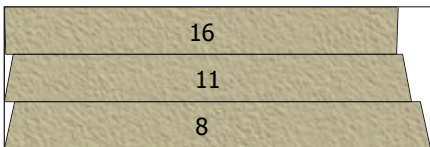
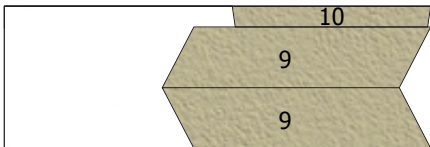
Qty: 2



Qty: 2

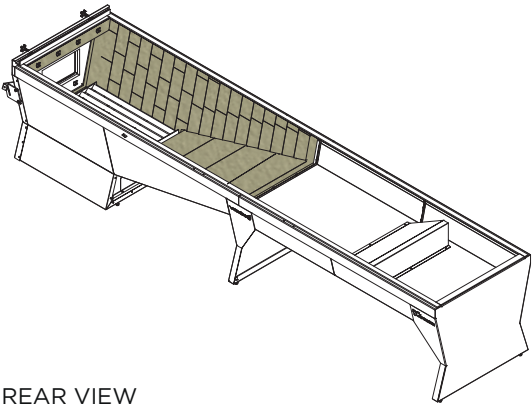


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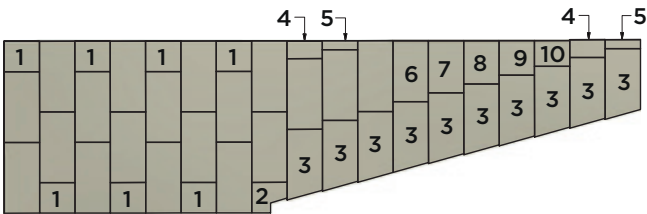


INSTALLATION DIAGRAMS FOR
HIGH-TEMPERATURE BRICK ON THE SIDES
36 X 144 INCH EVAPORATOR
Product code: IB016-361200ST



REAR VIEW

Qty: 14 	Qty: 2 	Qty: 20
Qty: 4 	Qty: 4 	Qty: 2
Qty: 2 	Qty: 2 	Qty: 2
		Qty: 2

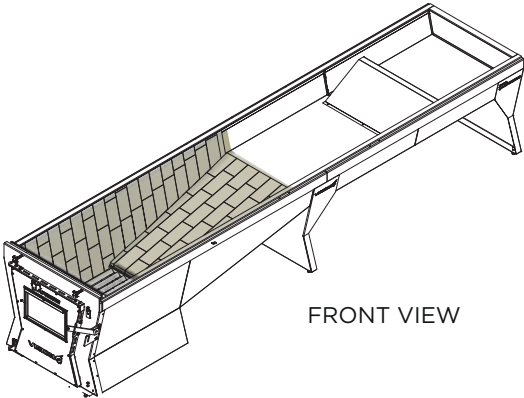


VIEW OF THE SIDE
BRICKS LAYOUT

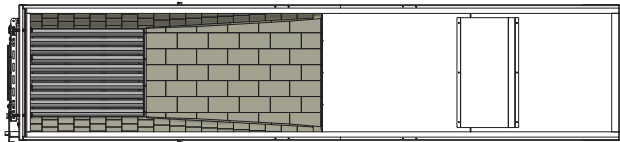
IMPORTANT NOTES CONCERNING MEASUREMENTS
- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



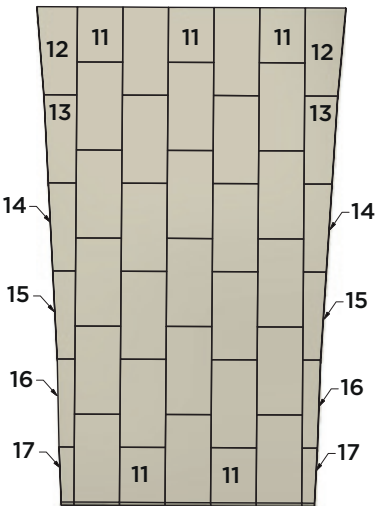
HIGH-TEMPERATURE BRICK INSTALLATION
DIAGRAMS FOR FLOOR RISER
36 X 144 INCH EVAPORATOR
Product code: IB016-361200ST



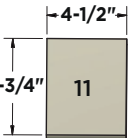
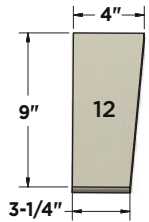
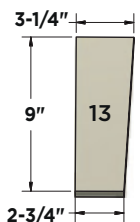
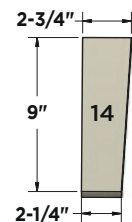
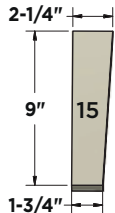
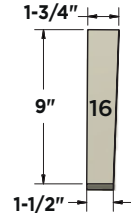
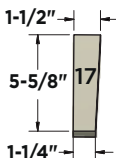
FRONT VIEW



TOP VIEW



VIEW OF THE BRICKS
ON THE FLOOR RISER

<p>Qty: 5</p>  <p>4-1/2"</p> <p>5-3/4"</p> <p>11</p>	<p>Qty: 2</p>  <p>4"</p> <p>9"</p> <p>3-1/4"</p> <p>12</p>	<p>Qty: 2</p>  <p>3-1/4"</p> <p>9"</p> <p>2-3/4"</p> <p>13</p>	<p>Qty: 2</p>  <p>2-3/4"</p> <p>9"</p> <p>2-1/4"</p> <p>14</p>
<p>Qty: 2</p>  <p>2-1/4"</p> <p>9"</p> <p>1-3/4"</p> <p>15</p>	<p>Qty: 2</p>  <p>1-3/4"</p> <p>9"</p> <p>1-1/2"</p> <p>16</p>	<p>Qty: 2</p>  <p>1-1/2"</p> <p>5-5/8"</p> <p>1-1/4"</p> <p>17</p>	

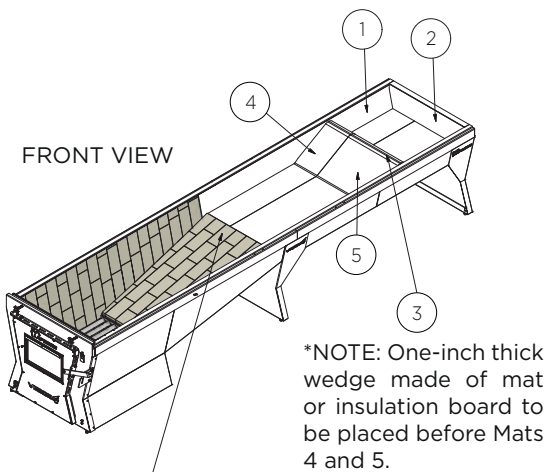
IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.



INSULATING MAT INSTALLATION DIAGRAM 36 X 144 INCH EVAPORATOR

Product code: IB016-361200ST



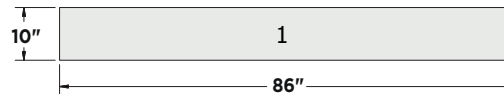
This illustration shows a **front view of the ends of the mat**, side by side and superimposed on two layers, at the end of the bricks of the riser.

Arrange the four mats 4 and 5 as shown in this illustration.

Each mat is 1 in. (2.54 cm) thick, so the final layer will have a total thickness of 2 in. (5.08 cm).

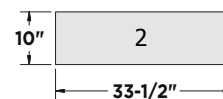
REAR INNER SIDE FACES

Qty: 2



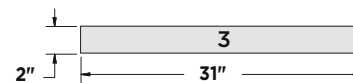
REAR WALL

Qty: 1



REAR RISER WEDGE

Qty: 1

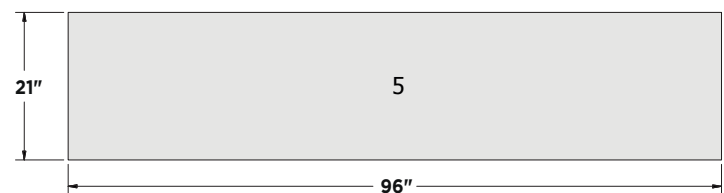
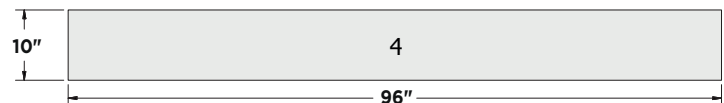


See note opposite*

TOP VIEW

REAR FLOOR, RISER AND DESCENDER, AND FLOOR

Qty: 4 (2 x 2 each)



IMPORTANT NOTES CONCERNING MEASUREMENTS

- Measurements for information purposes only.
- Adjust measurements as required, on site, during installation.

Location of the evaporator

- Position the evaporator so that the centre of the chimney connector (Illustration 1 No. 8) is aligned with the centre between two roof trusses.
 - See *Section 3.1.1: Determining the location of the evaporator* for more information.

Chimney clearance

- Maintain a minimum clearance of 18 in. (45.72 cm) between the chimney wall and any nearby wood or other combustible materials, including those on the roof.
 - The minimum clearance may be reduced if a circular metal radiation shield with a diameter larger than 4 in. (10.16 cm) is installed at the chimney.
 - o The minimum clearance is then 9 in. (22.86 cm) between the wall of the radiation shield and combustible materials.

IMPORTANT | It is recommended that you contact your insurer in order to validate the compliance of your installation with its own requirements since they may differ from one insurance company to another.

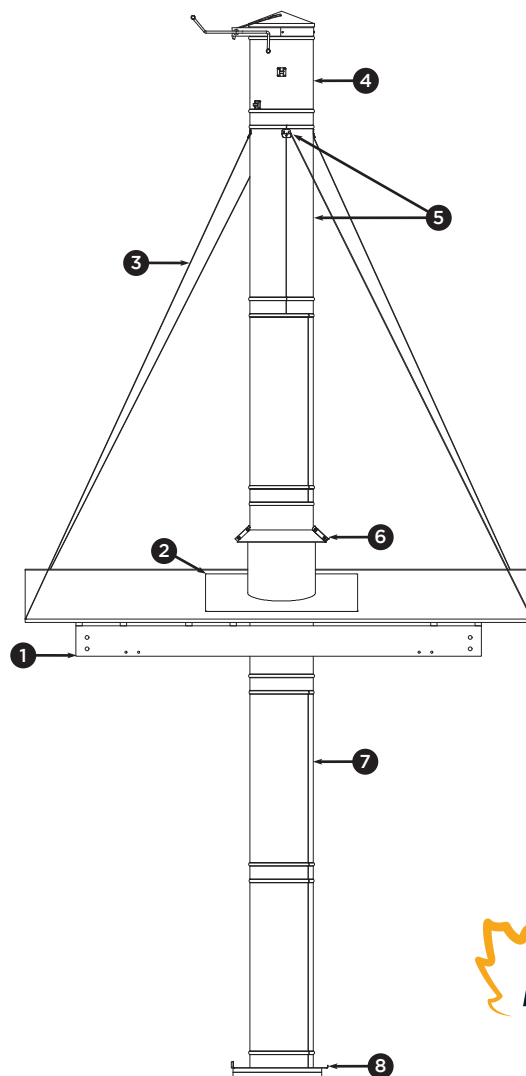
- It may be necessary to modify the roof structure to respect the minimum required clearance between the chimney wall and any combustible material.

Before beginning the installation

- Screws and rivets.
 - Use rivets or self-tapping screws to connect the chimney sections. Rivets and screws are not included.
- Carefully inspect all sections of your chimney.
- First and last sections to be installed.
 - First section to be installed: the first section of your chimney, offered as an option, is equipped with a fitting ring for the installation of a thermometer. This section must be the first to be installed on the chimney connector (Illustration 1 No. 8) of the evaporator.
 - o Alternatively, you can use a single section (as shown in Illustration 1 No. 7).
 - Last section to be installed: The last section of your chimney to be installed must be the one with lugs (Illustration 1 No. 5) used to receive the steel guide wires.

Installing your chimney

- Install the first section of your chimney on the evaporator chimney connector (Illustration 1 No. 8). Place the plain end of the pipe against the connector, then the corrugated end upwards.
- Continue installing single chimney sections until one section passes through the roof.
- Then install the roof flashing (Illustration 1 No. 2).
 - Make sure the flashing is securely fastened to the roof.
 - Use high-temperature silicone sealant to ensure that the seal between the flashing and the roof is perfectly watertight.
- Install the flashing rain tie (Illustration 1 No. 6) on the chimney.
 - Leave a 1 in. (2.54 cm) clearance between the top of the flashing and the base of the rain tie.
- Proceed with the final assembly below and install it afterwards.
 - Assemble the last two sections and the chimney cap (Illustration 1 No. 4) in the following order: a single section, the section with lugs (Illustration 1 No. 5), and the chimney rain cap last.
 - Attach the steel guide cables (Illustration 1 No. 3) to the lugs of the section.
 - If you are using a rope operated rain cap, install the actuator cables from the cap.
- Following the installation of this final chimney assembly, check and adjust its alignment with the part under the roof, then tighten the guide wires.

ILLUSTRATION 1 | Typical evaporator chimney**No. Part description**

- | | |
|---|---|
| 1 | Roof type rafter |
| 2 | Roof flashing |
| 3 | Steel guide cables |
| 4 | Chimney cap (Illustrated: rope operated cap) |
| 5 | Section with lugs, for receiving steel guide cables |
| 6 | Flashing rain tie, or pipe and flashing collar |
| 7 | Single section, typical 4 ft. (1.22 m) pipe |
| 8 | Chimney connector, installed on the evaporator |

Marking markers, cutting out the opening and fixing the hood collar

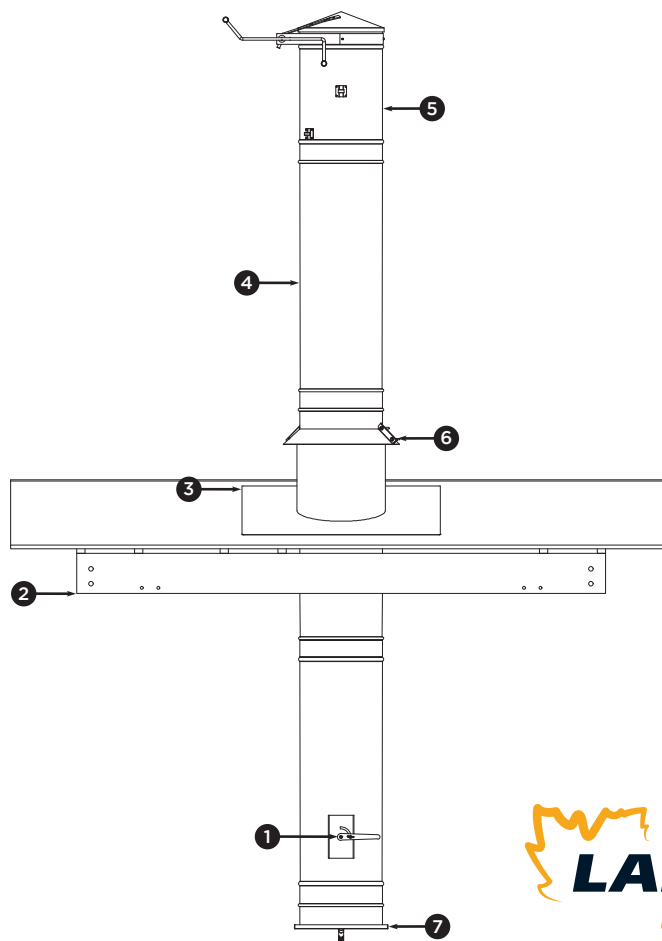
- Determine the path of the steam vent between the hood and where it will pass through the roof.
- Mark the centre of the vent pipe on the hood with a marker.
- Centre the supplied hood pipe collar (Illustration 1 No. 7) on this mark, then mark the opening to be cut in the hood.
 - Cut out the opening on the hood.
 - To cut the hood opening you will need a jigsaw, manual or electric sheet metal shears, and a grinder.
- Position the hood pipe collar on the opening and secure it with rivets or self-tapping screws.

Before beginning the installation

- Screws and rivets.
 - Use rivets or self-tapping screws to connect the chimney sections. Rivets and screws are not included.
- Thoroughly inspect all the sections of your vent.
- First section to be installed.
 - If your evaporator is equipped with a preheater, the first section to be installed over the rear hood has a flue damper already installed in the section (as shown in Illustration 1 No. 1).
 - o If the evaporator does not have a preheater, you must install a single section (as shown in Illustration 1 No. 4).

Installing your steam vent

- Install the first section of your vent on the evaporator hood pipe collar (Illustration 1 No. 7). Place the corrugated end of the pipe against the hood pipe collar downward, then the plain end upward.
- Continue installing single vent sections until one section passes through the roof.
- Then install the roof flashing (Illustration 1 No. 3).
 - Make sure the flashing is securely fastened to the roof.
 - Ensure perfect waterproofing of the seal between the flashing and the roof using silicone sealing compound.
- Install the flashing tie over the vent (Illustration 1 No. 6).
 - Leave a 1 in. (2.54 cm) clearance between the top of the flashing and the base of the rain tie.
- Continue the installation with a single vent section above the roof (Illustration 1 No. 4). Typically, the installation will allow 3 to 4 feet (91.44 cm to 1.22 m) above the roof.
- Install the steam vent rain cap (Illustration 1 No. 5).
 - If you are using a rope operated rain cap, install the actuator cables from the cap.
- Check and adjust the alignment of the steam vent with the part under the roof.

ILLUSTRATION 1 | Typical evaporator vent**No. Part description**

- | | |
|----------|---|
| 1 | Damper equipped pipe for evaporator with preheater |
| 2 | Roof type rafter |
| 3 | Roof flashing |
| 4 | Single section, typical 4 ft. (1.22 m) pipe |
| 5 | Steam vent rain cap (Illustrated: rope operated rain cap) |
| 6 | Flashing rain tie, or pipe and flashing collar |
| 7 | Hood pipe collar, sliding |



We sincerely appreciate your trust.

Thank you!

