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URBANA
U33I Double sided Glass
Installation kit

URBANA U33I Double sided Glass Installation kit Instruction Manual
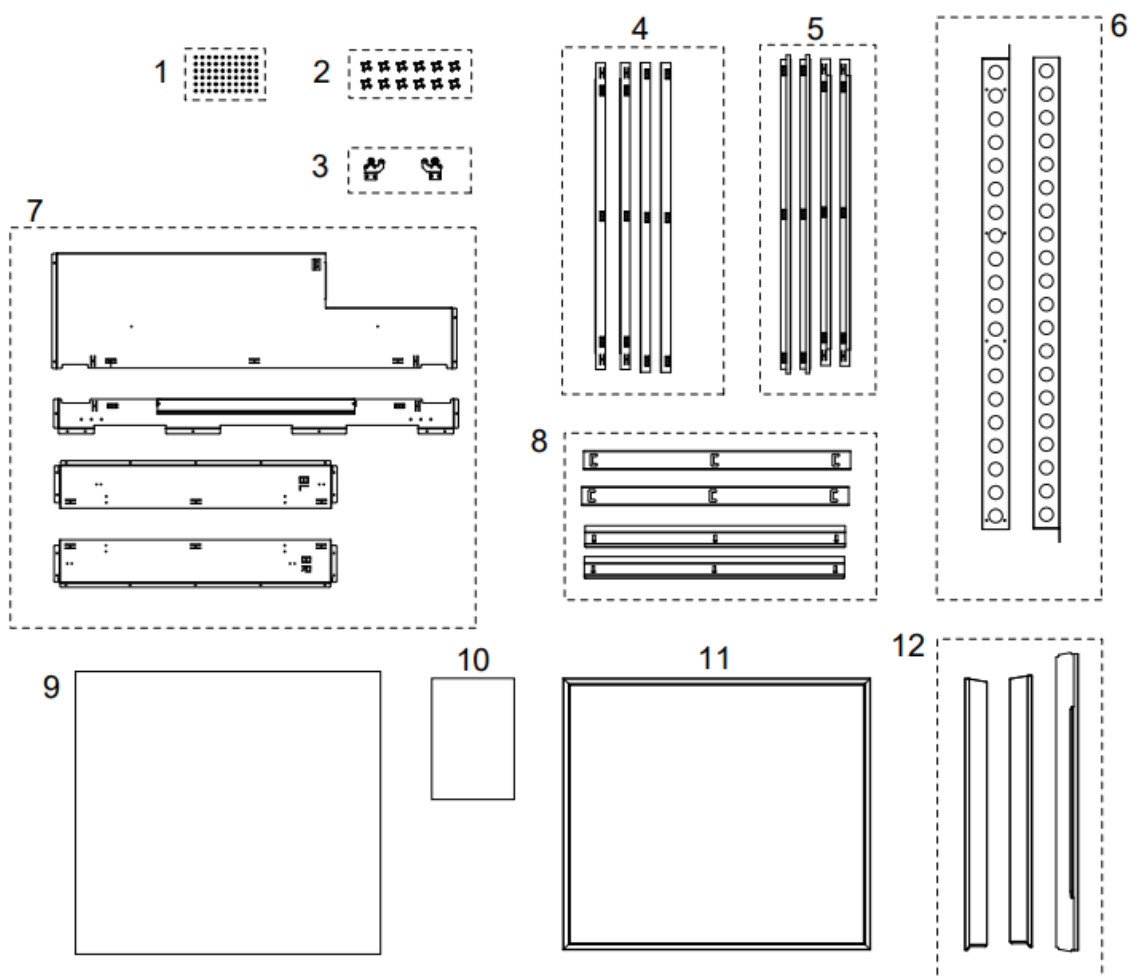
Contents

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URBANA U33I Double sided Glass Installation kit

WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Installation and service must be performed by a qualified installer, service agency or gas supplier.

WHAT IN THE BOX

KIT CONTENTS			
1) T20 Fasteners	2) Hand knobs	3) Left and Right Glass bumpers	4)Clean Face Trim
6)Tiling Trim	6) Steel Stud	7) Rear cabinet	8) Glass Clamps
9) GLASS	10) Instruction Manual	11) safety Screen	12) safety screen trim
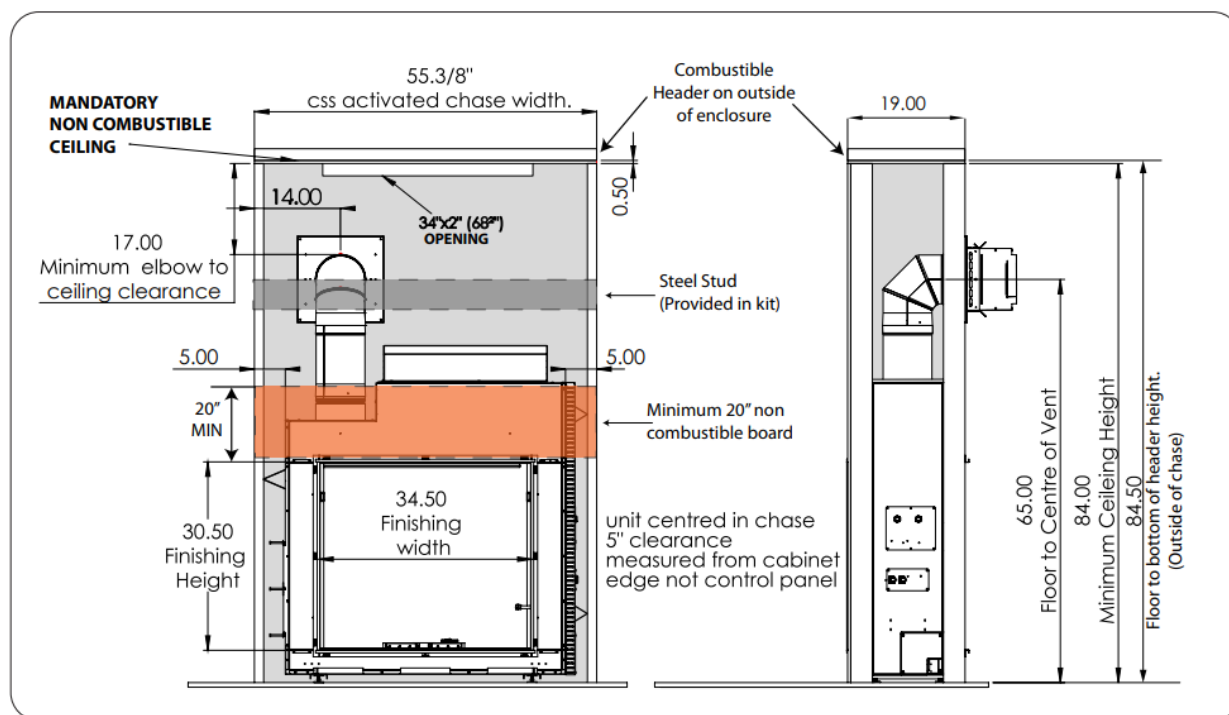
CSS Minimum Framing Clearances

The U33 can be used with or without a cool surface system. When activated the cool surface system allows for the minimum chase width to be reduced. NON CSS minimum width 70.5″ CSS activated minimum width 55 3/8″ Plan your Installation accordingly.

NOTES

- An opening of 68^2” is required. for use with the CSS. A typical front opening size of 34″x2″
- Non non-combustible ceiling is required.
- Chase may be framed beyond minimum framing for taller ceilings, overhangs etc.
- The non-combustible board is required 20″(min) above the opening of the fireplace. (Construction may be simpler to run the non-combustible board from the top of the opening to the ceiling.)
- Chase cannot be open to joists or rafters above.
- Chase heat release(s) must be at least 60″ (152 cm) away from the nearest fire sprinkler head.
- The fireplace is not load-bearing so the chase must be constructed to fully support finishing materials.
- A larger chase will always breathe more efficiently maintaining cooler surface temperatures.
- No intake air gap is required.
- U33I is not permitted for a recess in the chase.
- Steel Stud To be positioned where needed to support the facing material. Facing material can be attached to the steel stud.

- When installing this unit in a see-through configuration, The Heat release opening is only required on one side. not both.

CSS Heat Release

Valance
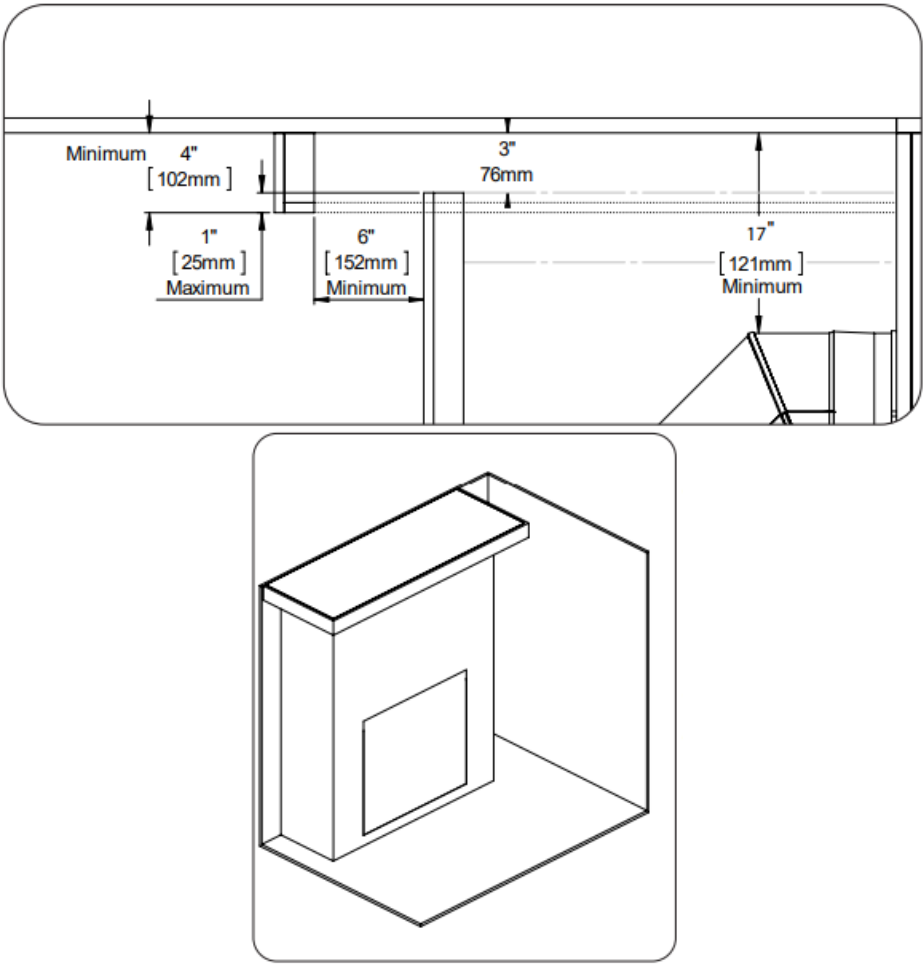
A valance may be desired to accentuate or hide the outlet. This is an optional decorative feature that covers up the CSS outlet gap. Minimum opening and valance dimensions must be followed to ensure safe heat dissipation. Combustible material is acceptable when constructing the valance. It is acceptable to wrap the valance around the three sides of a built out chase.
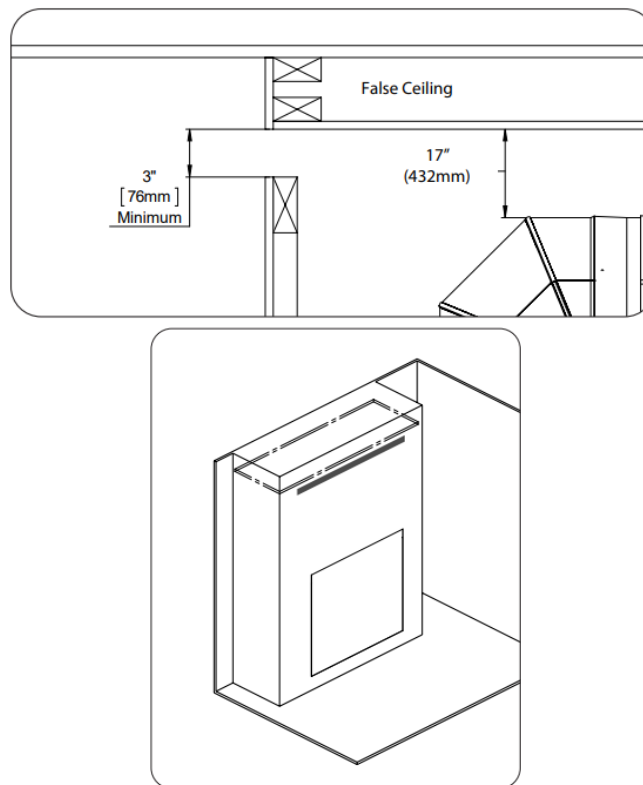
Side Discharge
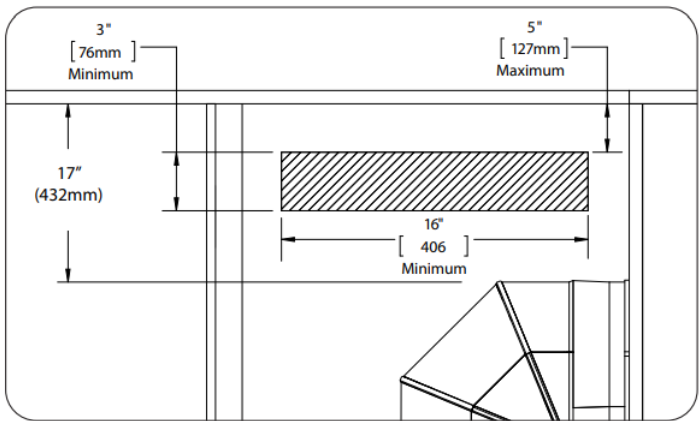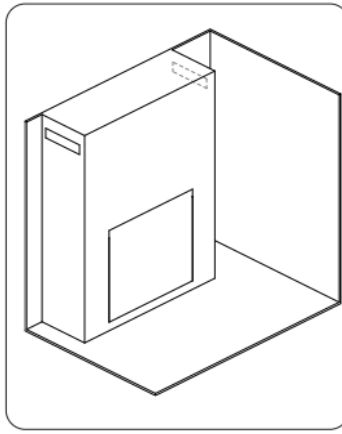
Construct the framing in a way that provides two gaps, one on each side of the chase as shown in. Each gap should be a minimum of 21 inch (533mm) by 3 inch (76mm). It is essential that these dimensions are followed and not to deviated from them when using combustible materials inside the chase.

False Ceiling

If your ceiling dimension is greater than the minimum You may want the heat discharge lower on the wall. To do this a false ceiling is required to properly evacuate the heat from the chase.

Open Chase (built-out installations)
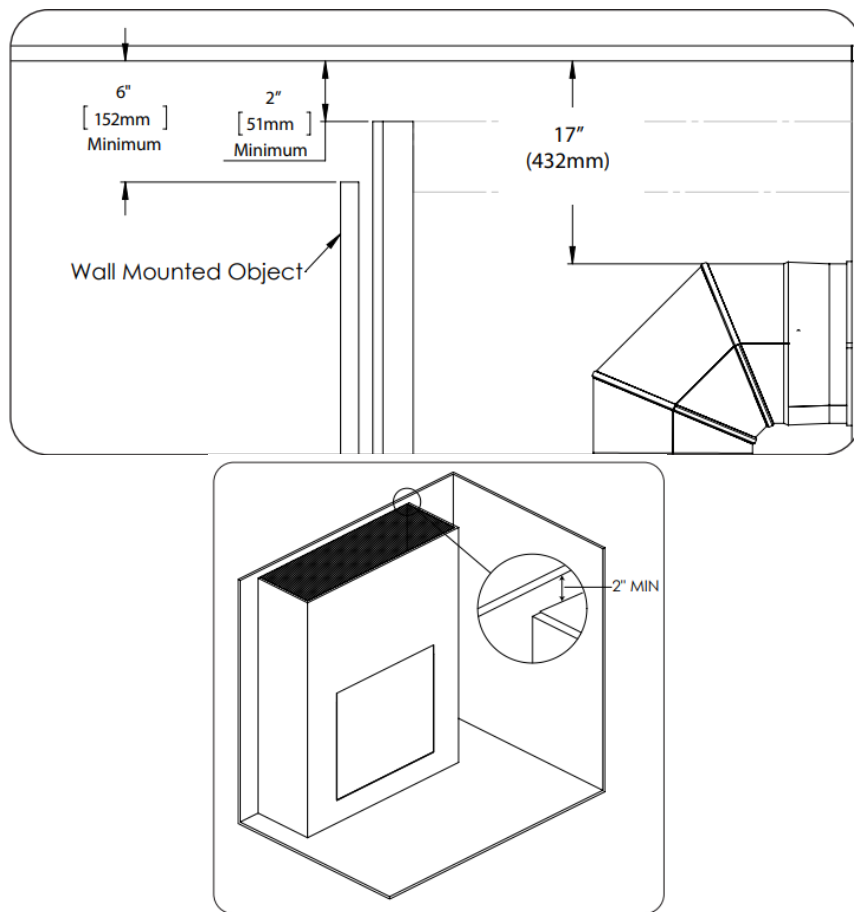
This could be considered the most discreet option The chase must be constructed in a way that stops short of the ceiling, leaving it totally vented above. Minimum framing dimensions must be followed when constructing this option and not to deviated from them when using combustible materials. Consider a Valance to work in conjunction with this option.
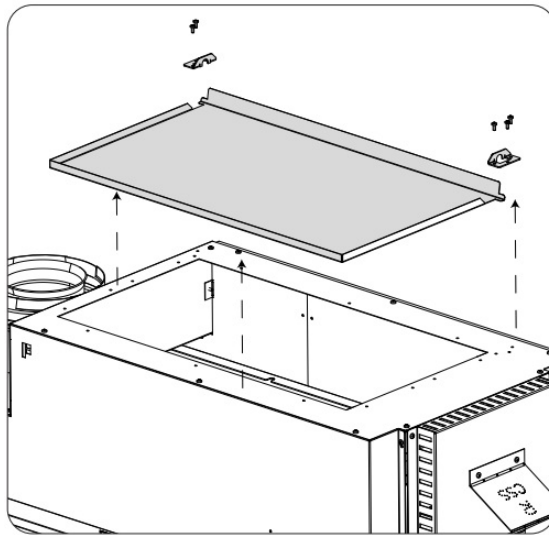
Activating CSS

The U33 comes from the Factory in NON CSS configuration. to convert your unit to CSS Ready you need to.

1. Attach the Right and Left CSS standoffs to your unit they are marked L CSS & R CSS Use the screws provided.
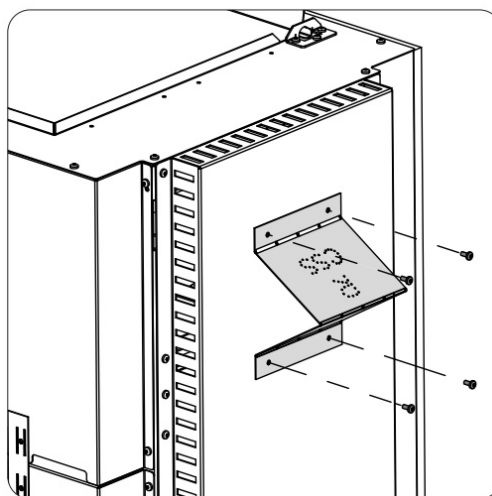
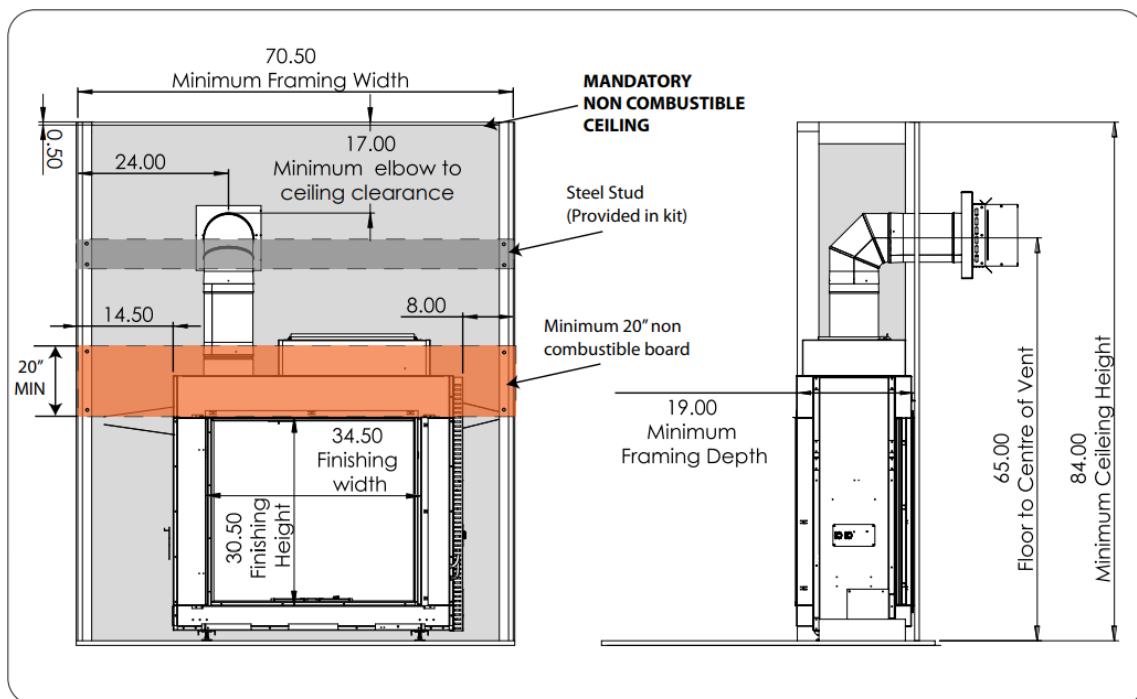2. remove the cabinet top door and the pivots holding the door in place.

3. Attach the heat shield to the top of the cabinet. face the heat shield to the wall you will have the opening (This is relevant when the unit has been converted to double-sided installation.
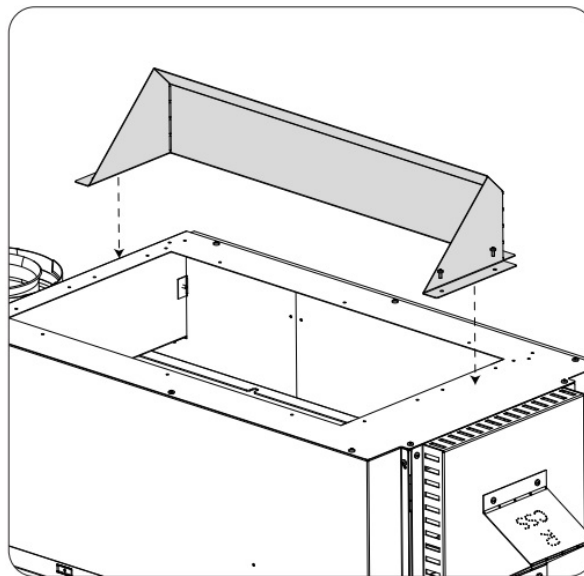
4. the unit is now in CSS mode and can be installed into the chase.

Non-CSS Minimum framing

Diagram labels:

70.50
Minimum Framing Width

MANDATORY
NON COMBUSTIBLE
CEILING

0.50

17.00
Minimum elbow to
ceiling clearance

24.00

Steel Stud
(Provided in kit)

14.50

8.00

Minimum 20″ non
combustible board

20″
MIN

34.50
Finishing width

19.00
Minimum
Framing Depth

30.50
Finishing Height

65.00
Floor to Centre of Vent

84.00
Minimum Ceileing Height

Double Sided Minimum Framing Clearances

The above dimensions represent theminimum size required for the safe operation of the unit. Please note that these dimensions mean that the unit would not be centred within the chase. To centre the unit within the chase, an additional 5″ width on the right hand side would be required. This brings the minimum width of the chase to 75.5″

NOTES

- Non combustible ceiling is required.
- Chase may be framed beyond minimum framing for taller ceilings, overhangs etc.
- Non combistible board is required 20″(min) above the opening of the fireplace. (Construction maybe simpler to run the non combustible board from the top of the opening to the ceiling.)
- Chase cannot be open to joists or rafters above.
- The fireplace is not load bearing so the chase must be constructed to fully support finishing materials.
- A larger chase will always breathe more efficiently maintaining cooler surface temperatures.
- No intake air gap is required.
- U33I is not permitted for a recess in the chase.
- Steel Stud To be positioned where needed to support the facing material. Facing material can be attached to the steel stud.
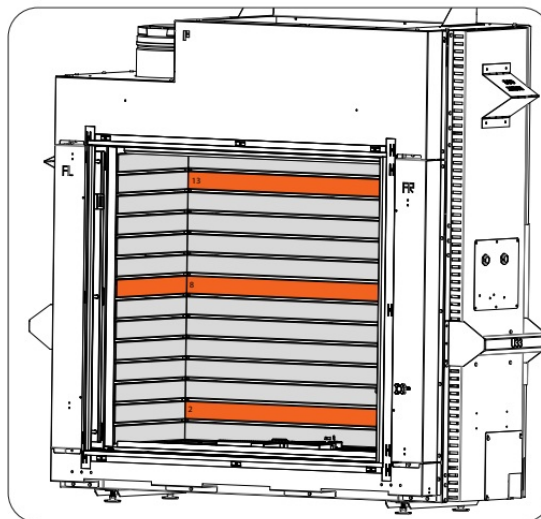
Preparing For Install

The Rear of the firebox needs to be removed from the unit. This is a heavy item so it is recommended to remove the rear liners first before attempting to remove the rear of the firebox to do this;

1. Remove Safety Screen, Lift up the frame of the screen and pull the screen towards you.
2. Remove glass, undo the glass clamps and slide clamps out of the way.
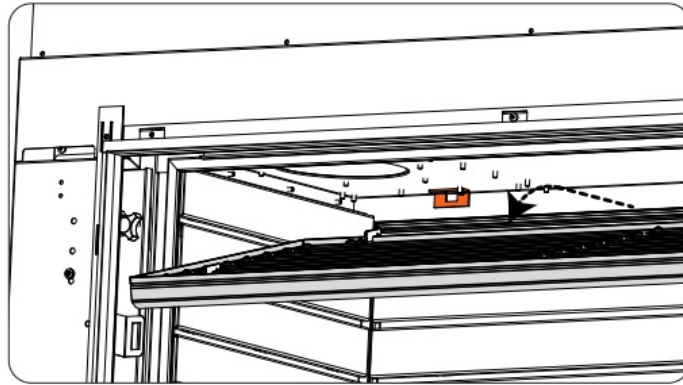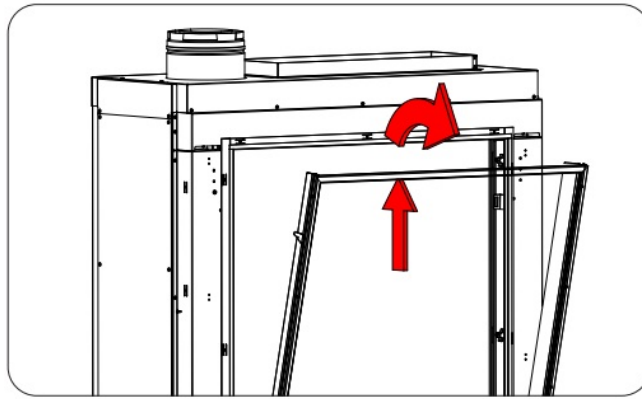
3. Remove the baffle. lift up the baffle and pull it towards you. Lifting the baffle off the hooks.

4. the Rear liner has 4 removable panels. The left image shows which panels are removable.

Preparing For Install

5. The removable liners are held on with hooks. To remove, locate the correct panel, slide the liner up and then remove from firebox. A screwdriver may be required to gently slide the panel up.
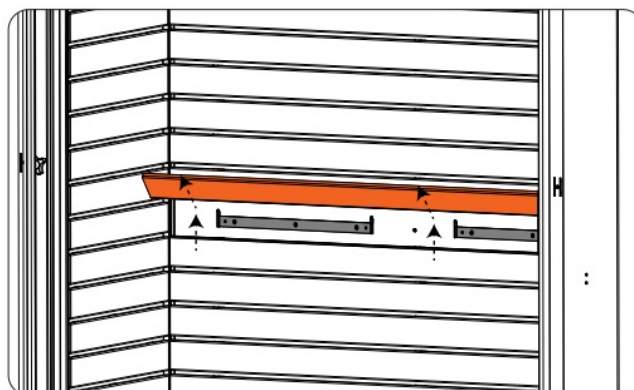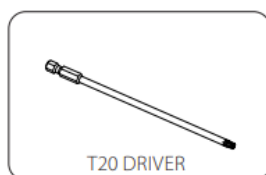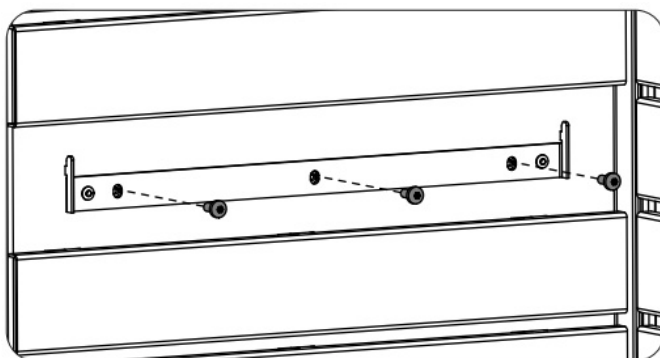

6. Behind the removable panel you will see T20 fasteners, remove these screw to release the liner from the

firebox. You will need to do this at each removable panel location.
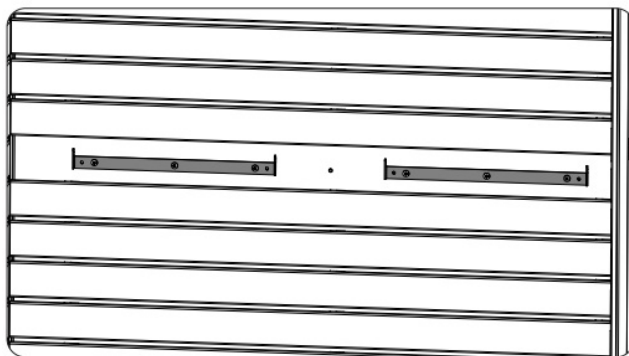
7. On the side and rear liner, remove the T20 fasteners securing liners to the firebox. Once the fasteners are removed you will be able to lift out the liners.
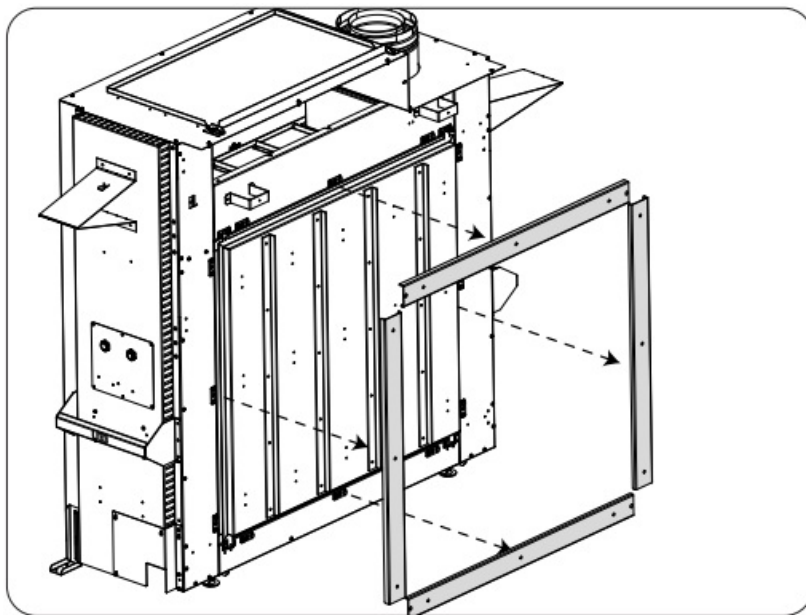

T20 DRIVER

Rear Cabinet Removal

8. Remove the clamps securing the insulation board. then remove the board itself.

T20 DRIVER
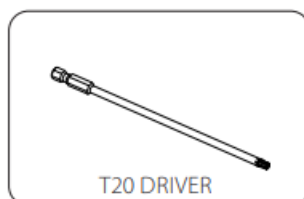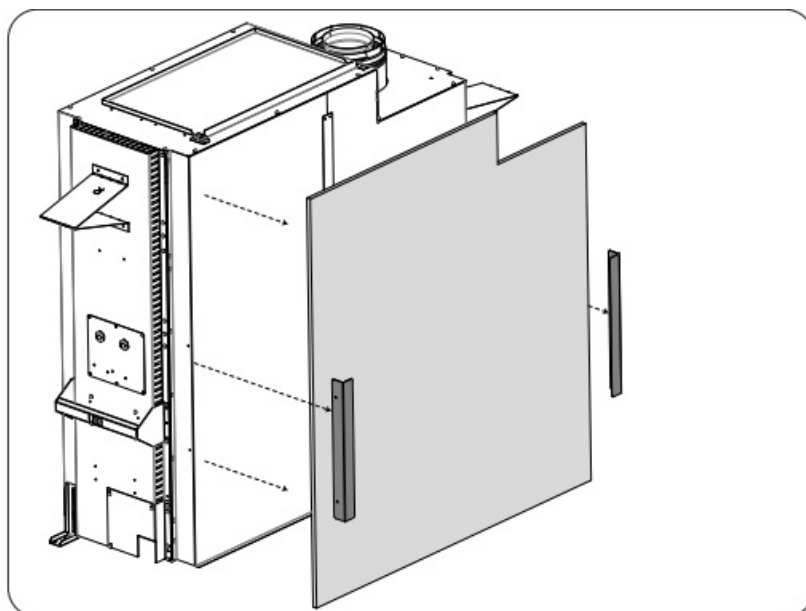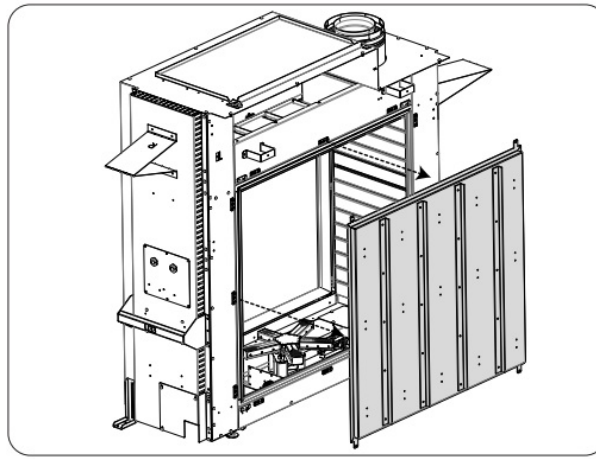
9. Unscrew and remove the cabinet back.
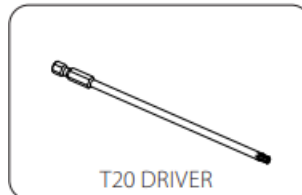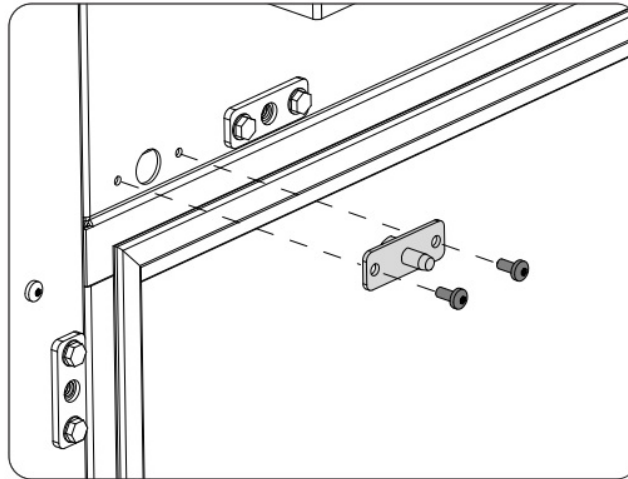
T20 DRIVER
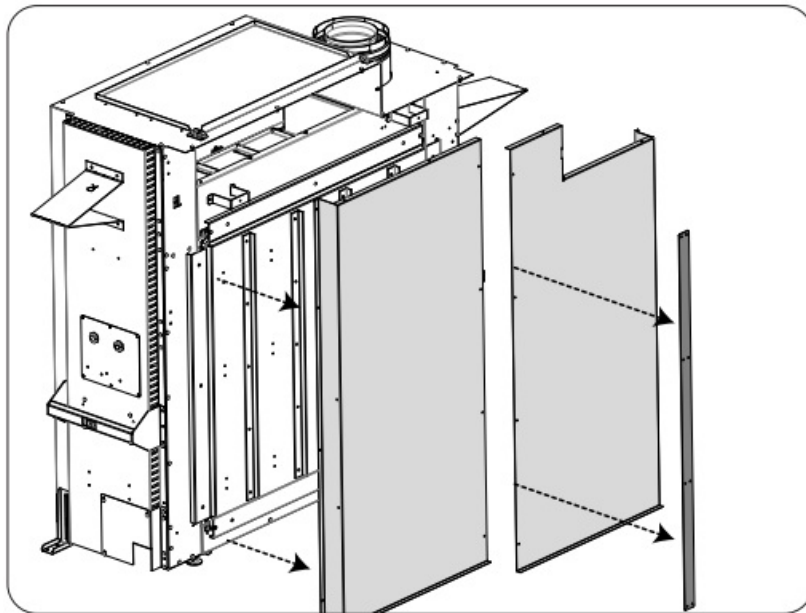
10. Unbolt the x4 clamps securing the liner pocket in place.

7/16" RATCHET/SOCKET
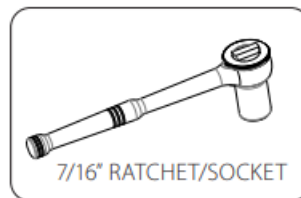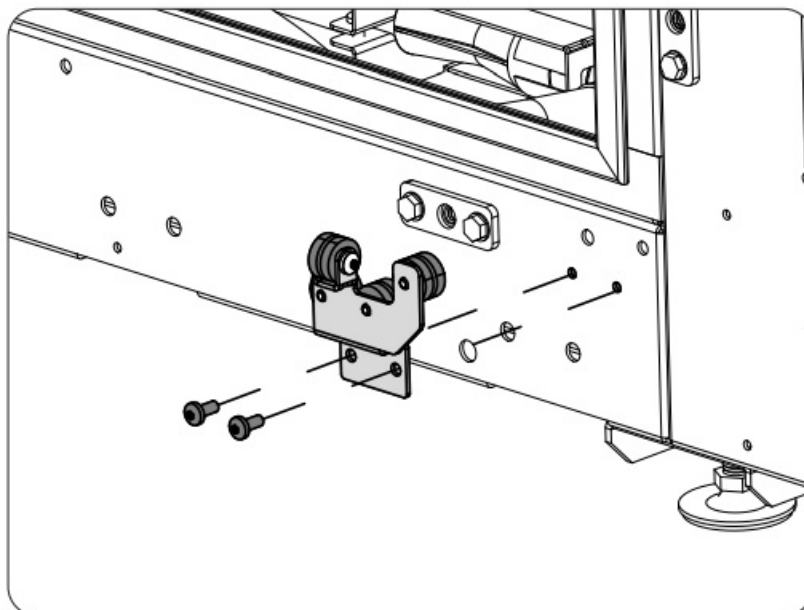
Liner Pocket – Clamp Removal
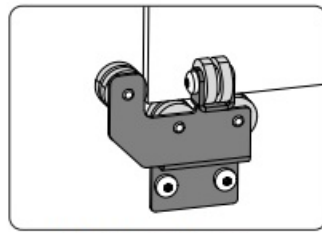
11. Remove the liner pocket

12. Remove the alignment pins in all 4 corners of the opening
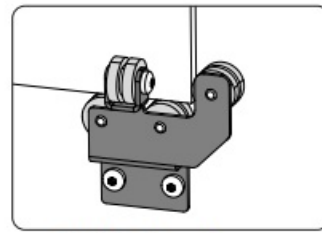

T20 DRIVER

13. Install both the left and right glass bumpers at the bottom of the opening. use the T20 fasteners provided.

T20 DRIVER

- **NOTE** Ensure you install the correct bracket for the left and right hand side of the unit. the glass will sit on the inside.
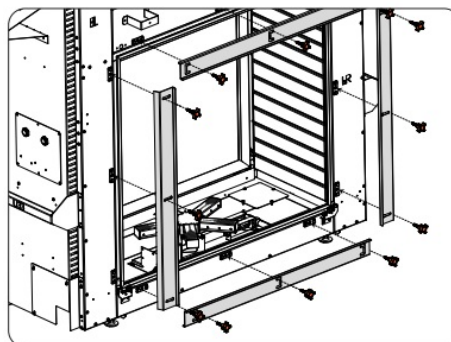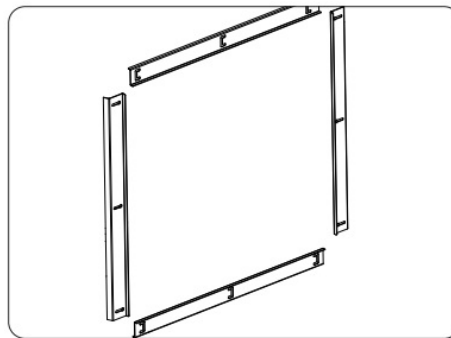

left glass clamp   Right glass clamp

Installing glass clamps

14. arrange the clamps so that the gasket will be touching Install the 4 glass clamps. Make sure that the braided gasket will be touching the glass and not steel.

15. use the provided hand knobs. Keep the clamps loose and move the clamps out of the way to ensure the easy install of the glass.

16. Using the suction cups, lower the glass into the rubber bumpers at the bottom of the unit. position the glass clamps over the glass and tighten hand knobs.
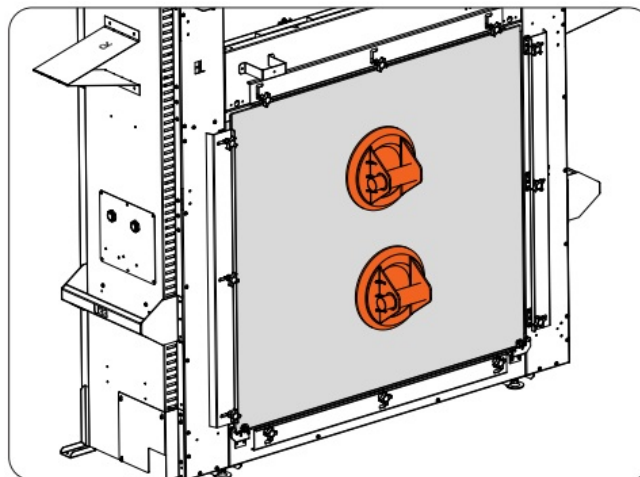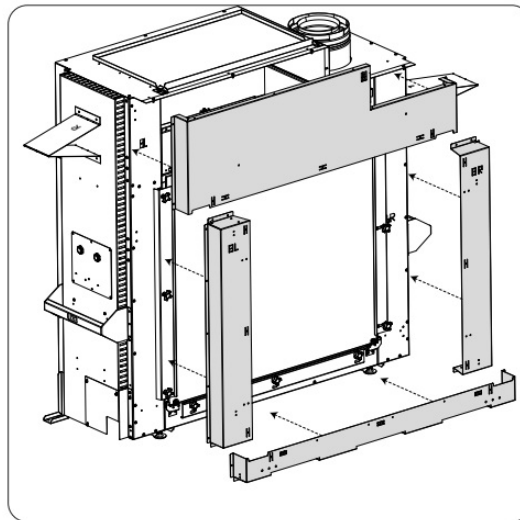

NOTE- The glass must be sealed for safe running of the unit. make sure all hand knobs are done up tight and securely.
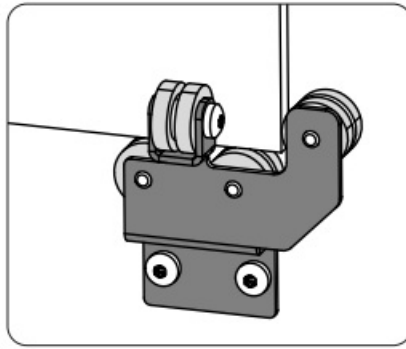
Installing Cabinet

17. Install framing pockets to the the unit, using T20 fasteners. Ensure that the screen catches on the inside of the vertical pockets are situated towards the top of the unit.


T20 DRIVER

18. Your Unit comes with 2 different types of tiling trim a Straight, clean edge & Tiling Trim with a return bend. you will need to decide what trim you will be using based on the finishing material. Attach to the unit with T20s included in the kit.


Tiling Trim   Clean Edge Trim
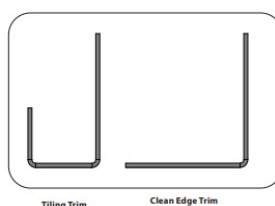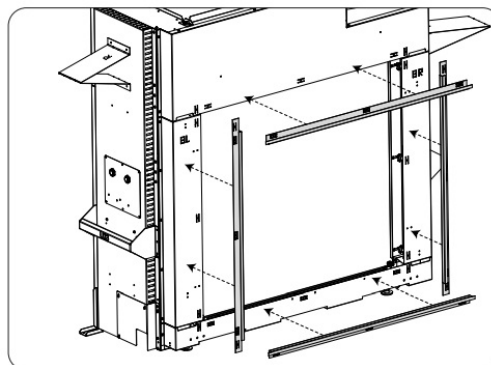
Installing Screen

19. Attach trim to safety screen. start with the bottom trim first. then attach left and right trims, ensuring that the hooks are facing out
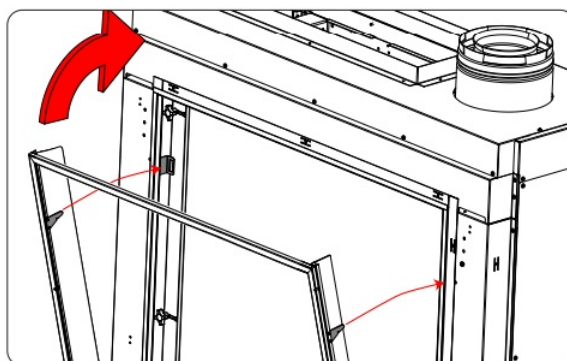

T20 DRIVER
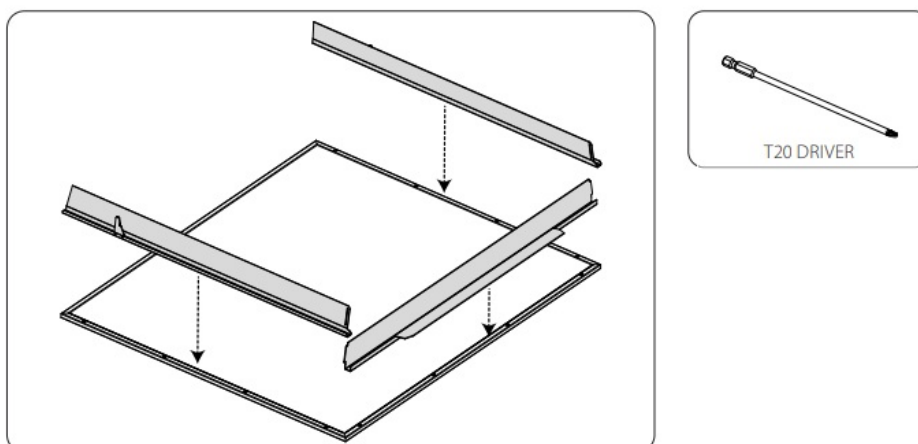
20. on the Unit, rotate the screen hooks into place. do this on both the left and right-hand side.

21. Insert the flange on the bottom of the screen into the pocket on the bottom of the unit.
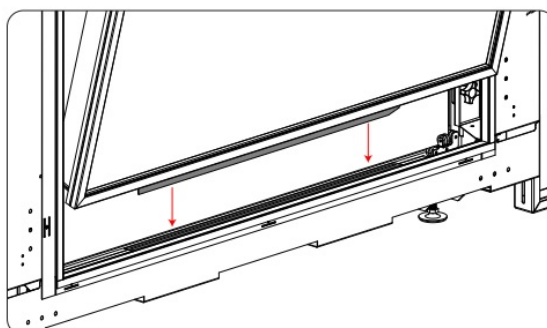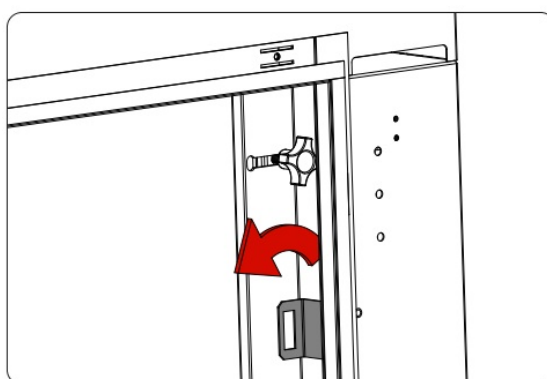
22. Rotate screen into place making sure the hooks attach to the unit securing the screen in place.

Product Specifications

- **Model:** U33I
- **Product Name**: Double-sided Glass Installation kit
- **Part Number**: 50-4167
- **Certifications**: ANSI Z21.88 / CSA 2.33 VENTED GAS FIREPLACE HEATERS, CSA 2.17 GAS-FIRED APPLIANCES FOR HIGH ALTITUDES

Frequently Asked Questions

Q: Can I use combustible materials for the heat release valance?
A: Yes, combustible materials are acceptable for constructing the valance as long as the specified dimensions are followed.

Q: How do I convert the unit to be CSS-ready?
A: Attach the Right and Left CSS standoffs to the unit and affix the heat shield to the top of the cabinet following the provided instructions.

Documents / Resources
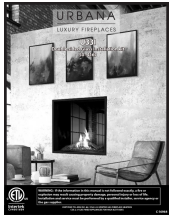
URBAN C-16964 See Through Kit [pdf] Instruction Manual
C-16964, 50-4167, U33, C-16964 See Through Kit, C-16964, See Through Kit, Through Kit, Kit

References

- **User Manual**