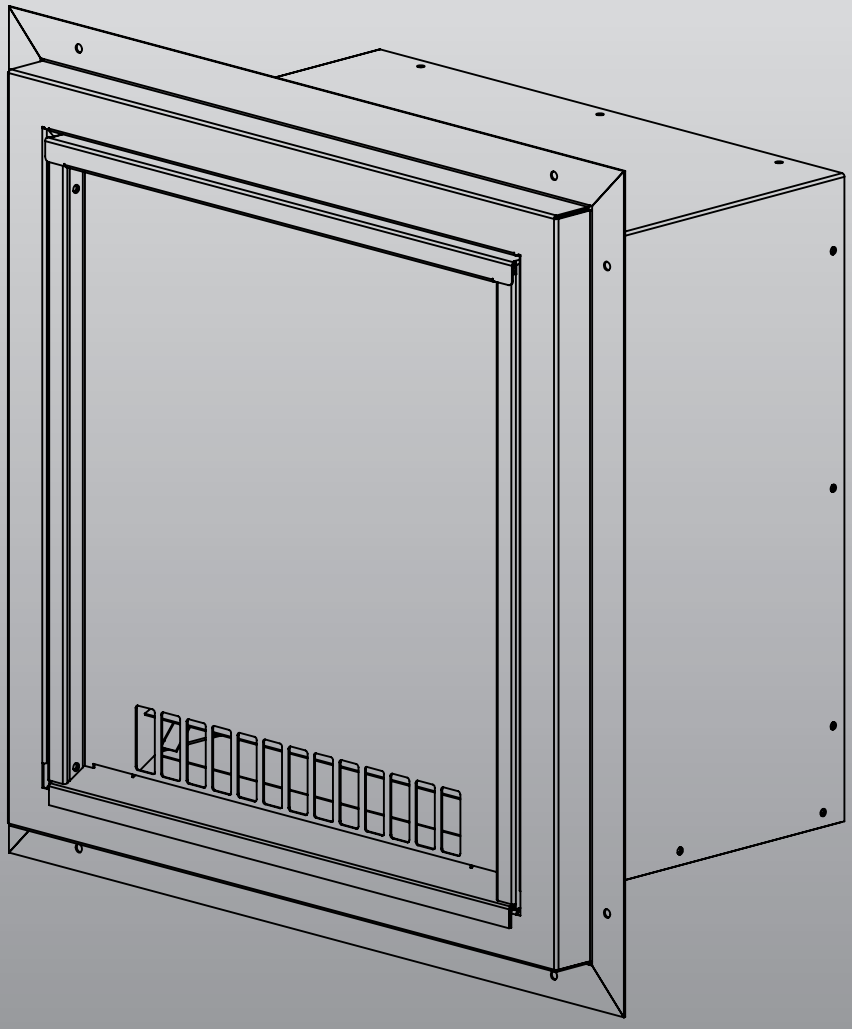
URBANA

LUXURY FIREPLACES

50-3813 Chase Comfort

INSTALL MANUAL



WARNING: ONLY FOR USE ON URBANA SERIES FIREPLACES. 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 the gas supplier.

C ETL LISTED US

Intertek
C#4001609

CERTIFIED TO: ANSI Z21.88 / CSA 2.33 VENTED GAS FIREPLACE HEATERS

Dimensions:

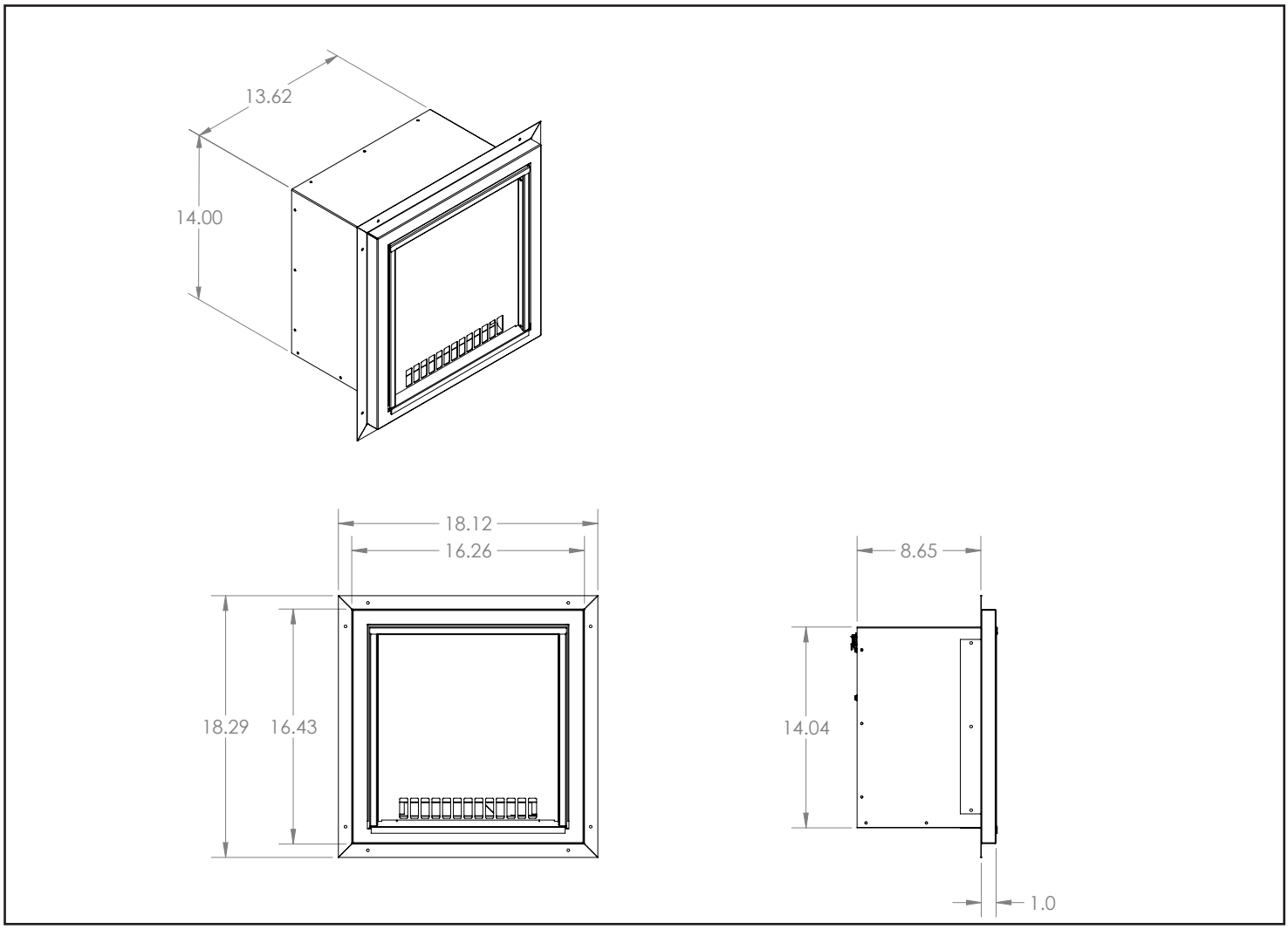


Figure 1: Power Vent Dimensions

Kit Contents:

The table below outlines the complete contents of the Urbana Chase Comfort Kit (50-3813). Refer to the parts diagram section of this manual for reference and ensure that your kit is complete and undamaged.

Table 1: Chase Comfort Kit Contents

Part Description	Qty	Part Description	Qty
Blower Termination w/ Finishing Face	1	Heat Collector	1
Framing Thimble Assembly w/ Inner Wall Cover	1	Wire Nuts	2
#8 Screws	4		

Assembly:

Prior to installation the Heat Collector must be attached to the rear of the blower assembly, as shown below, using the supplied #8 screws and a 1/4" nut drive

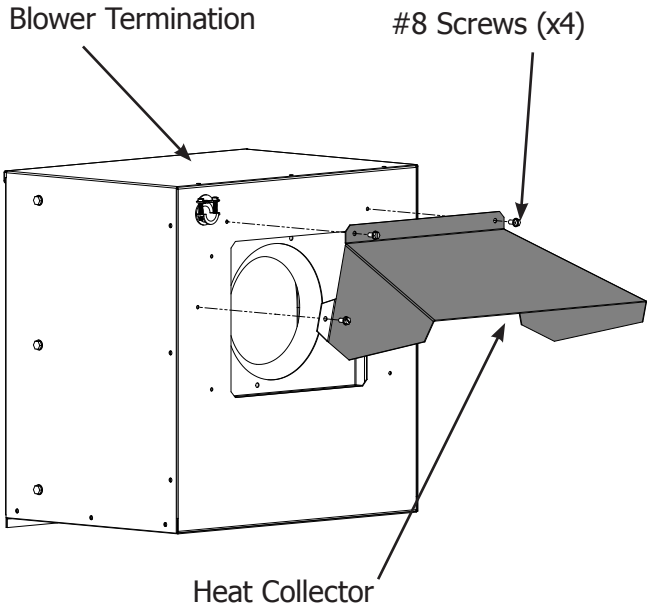


Figure 2: Heat Collector Assembly

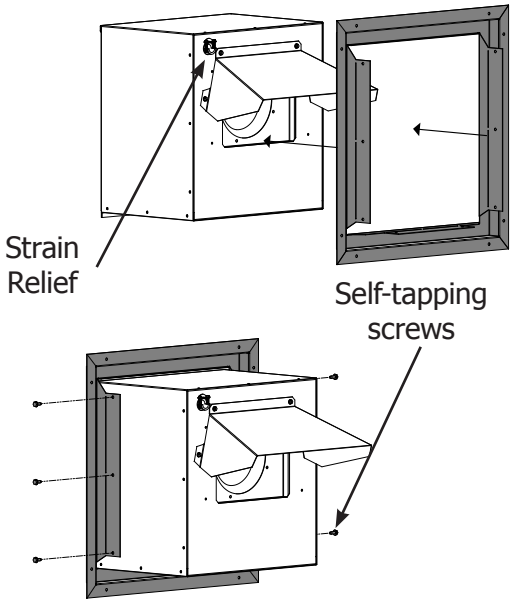


Figure 3: Finishing Face Installed

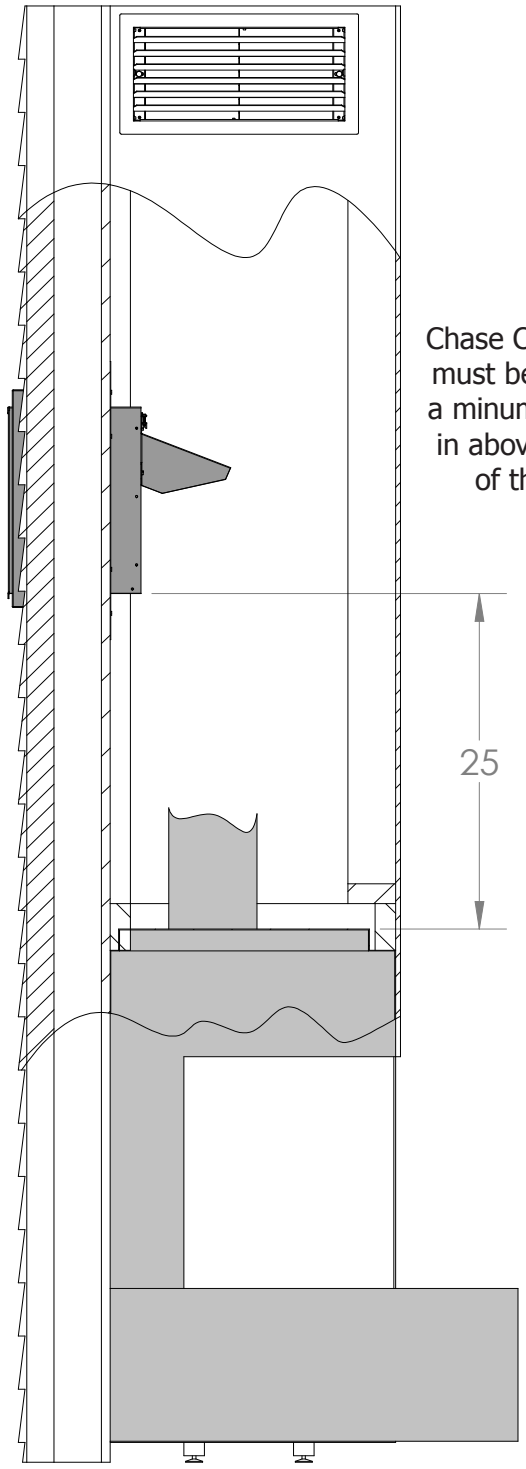


Figure 4: Minimum Vent Clearance

To determine the location of the blower termination refer to Figure 3 & Table 2 Termination Minimum Clearances below.

Note - The termination must be located within the same chase as the fireplace and can't be attached to ducting/venting or installed in a separate bulkhead.

Figure 3: Termination Restrictions

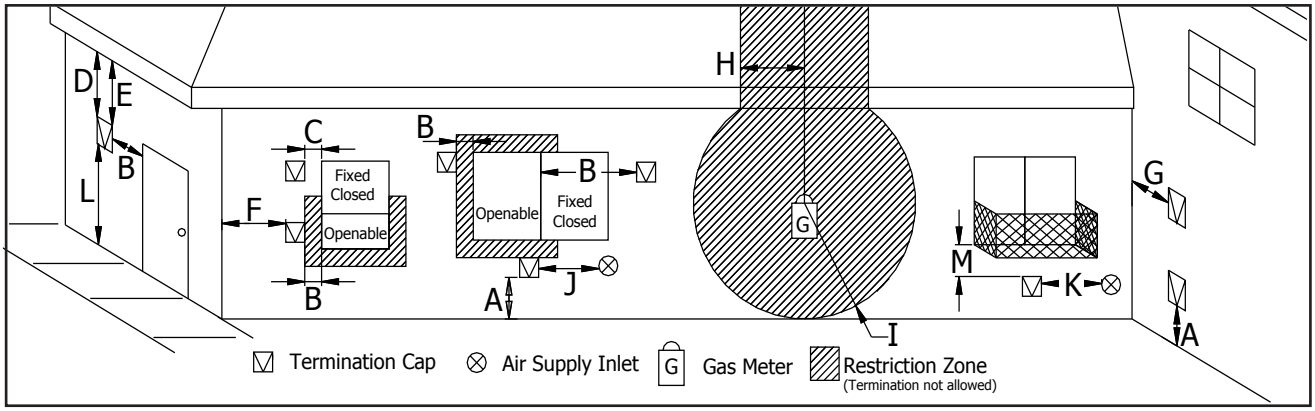


Table 2: Termination Clearances

Letter	Canadian Installation [1]	US Installation[2]	Description
A	12 in (30 cm)		Clearance above grade, verandah, porch, deck, or balcony.
B	12 in (30 cm)	9 in (23 cm)	Clearance from window or door that may be opened.
C	12 in (30 cm)*		Clearance from permanently closed window (to prevent condensation).
D	0 in (0 cm)		Vertical clearance to ventilated soffit located above the terminal, within a horizontal distance of 2 ft (60 cm) from center line of terminal.
E	0 in (0 cm)		Clearance to unventilated soffit.
F	12 in (30 cm)*		Clearance to outside corner.
G	2 in (5.08 cm)		Clearance to inside corner.
H	3 ft (91 cm) within a height of 15 ft (4.5 m) above the meter/ regulator assembly	3 ft (91 cm) within a height of 15 ft (4.5 m) above the meter/ regulator assembly*	Clearance to each side of center line extended above meter/regulator assembly.
I	3 ft (91 cm)	3 ft (91 cm)*	Radial clearance around service regulator vent outlet.
J	12 in (30 cm)	9 in (23 cm)	Clearance to non-mechanical air supply inlet to building, or the combustion air inlet to any other appliance.
K	6 ft (1.83 m)	3 ft (91 cm) above if within 10 ft (3 m) horizontally	Clearance to mechanical air supply inlet.
L	7 ft (2.13 m)[t]	7 ft (2.13 m)*[t]	Clearance above paved sidewalk or paved driveway located on public property.
M	0 in (0 cm)[+]		Clearance under verandah, porch, deck, or balcony.

[1] In accordance with the current CSA B149, Natural Gas and Propane Installation Code.
[2] In accordance with the current ANSI Z223.1 NFPA 54, National Fuel Gas Code.
* These numbers are only estimates.
[t] A vent shall not terminate directly above a side walk or paved driveway that is located between two single family dwellings and it serves both dwellings.
[+] Permitted only if verandah, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor.

Clearances are in accordance with local installation codes and the requirements of the gas supplier.

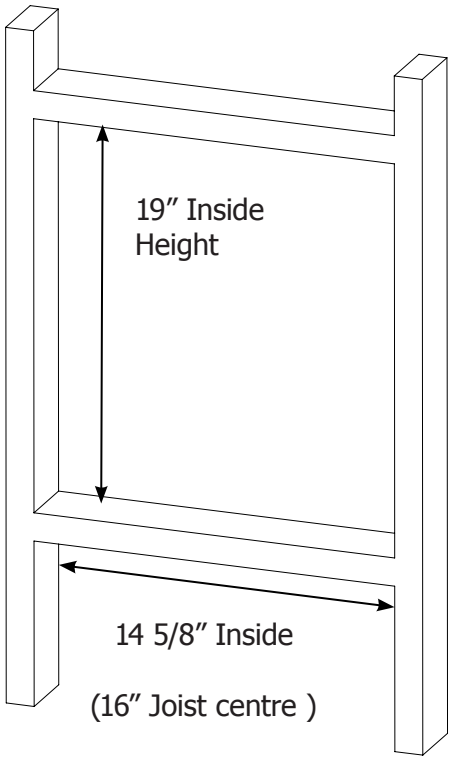


Figure 5A: Power Vent Framing Dimensions

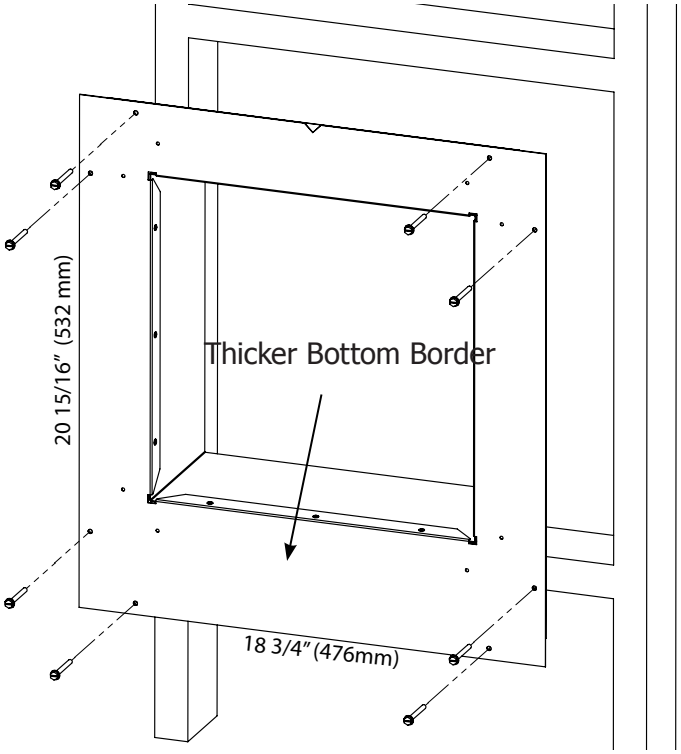


Figure 5B: Exterior Thimble Installation

1. Determine the location of the termination as directed on the previous page. NOTE: The Urbana Comfort Kit allows for a minimum wall thickness of 8" (203mm) and amaximum wall thickness of 12" (305mm). For walls thinner than 8" the framing thimble will need to be properly blocked and secured, and the blower assembly will either need to sit proud of the exterior facing or sink further into the chase

2. Cut and frame an opening that is 19" (483mm) tall by 14 5/8" (371mm) wide for the exterior thimble as shown in Figure 5A.

3. Fasten the exterior thimble, using standard wood screws to the framed opening. Making note to install the thimble with the thicker border at the bottom. Refer to Figure 5B. Wall cladding can now be applied on top of the thimble while leaving only the opening for the blower termination installation.

4. Repeat step 2 for the interior timble using the same dimensions.

5. Repeat step 3 by sliding the interior thimble, identified with a "2" on the face, around the sleeve of the exterior thimble. The interior thimble does NOT have a notch at the top, again ensure the thicker border is at the bottom.

NOTE: Ensure the two framed openings are the same height from the ground as thimble alignment will be greatly impacted.

6. Determine the depth that the blower termination will sit within the wall. For wall thicknesses greater than 9", the termination will mount flush with the finishing face. For walls thinner than 9", the power termination will be required to protrude from the finishing face.

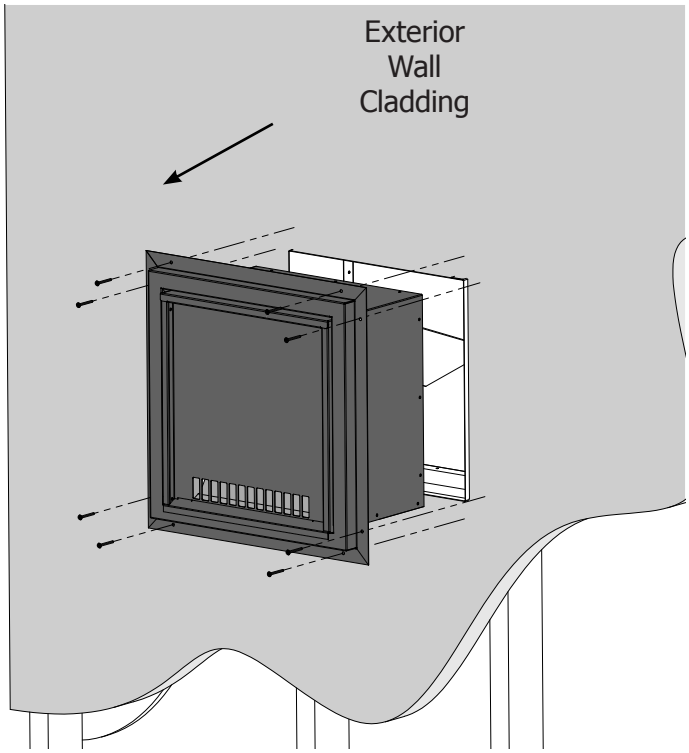


Figure 6: Termination installation

7. Upon completion of Step 6, mount the finishing face to the termination using eight (8) self-tapping screws. Three (3) screws for each side and two (2) screws for the bottom tab. Seal the screw heads with silicone. IMPORTANT: Ensure the finishing face is mounted square to the front of the termination

8. A 115VAC power cable (not supplied) will need to be routed to the rear of the termination:

A) Feed the cable through the strain relief on the back of the termination. Roughly 3-6" cable is recommended to be feed into the termination.

B) Tighten the two (2) screws on the strain relief to clamp down and secure the cable within the termination.

9. Install the termination into the exterior thimble and fasten in place using eight (8) standard wood screws. See Figure 6 for reference.

NOTE: Be sure to pull any cable slack back through the thimble so it does not bind.

10. Seal the perimeter of the termination between the main body and the finishing face with silicone or caulking. Refer to Figure 7 for exact locations.

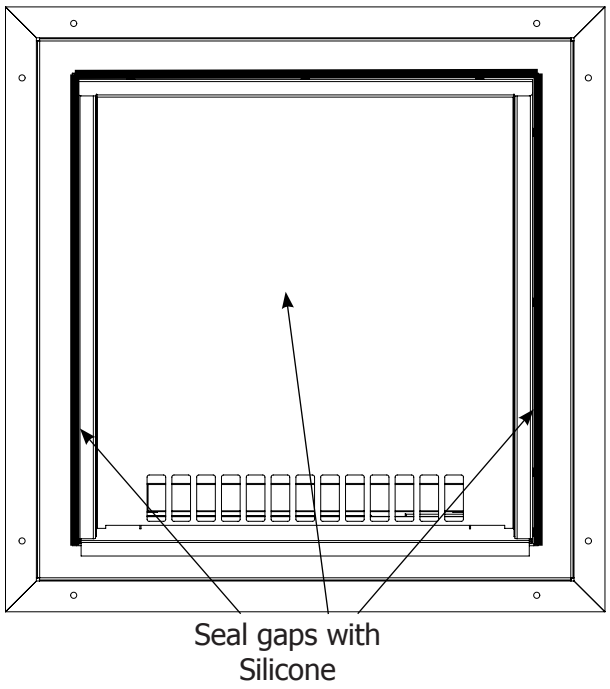


Figure 7: Silicone locations

11. The exterior wall finishing material can now be installed around the termination. The finishing material can butt up against the perimeter of the finishing face but the thickness cannot exceed 1" (25.4mm). Refer to Figure 8.

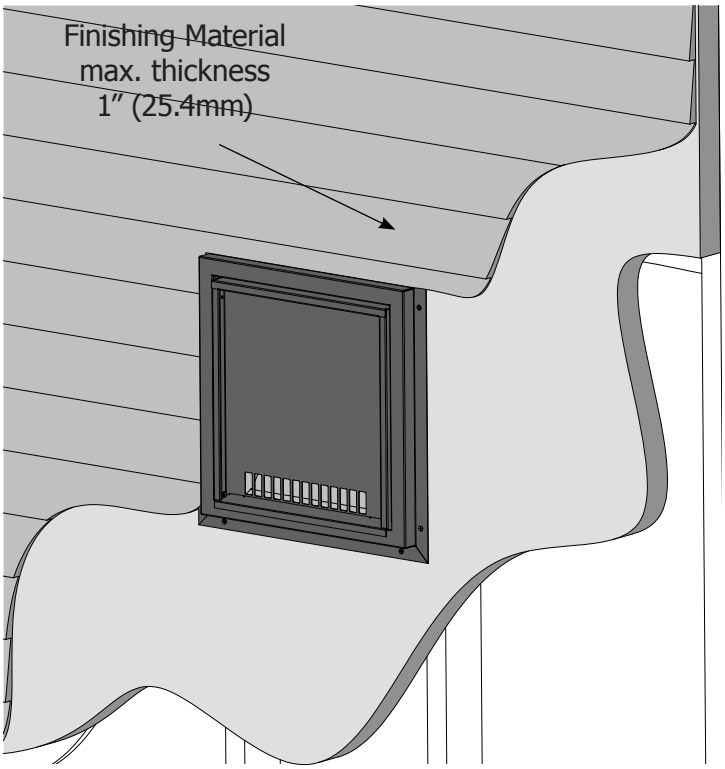


Figure 8: Exterior Cladding

Termination Wiring:

The fireplace must be electrically connected and grounded in accordance with local codes or, in the absence of local codes, with the current CSA C22.1 Canadian Electrical Code Part 1, Safety Standards For Electrical Installations, or The National Electrical Code ANSI / NFPA 70 in the US.

CAUTION: When servicing controls, label all wires prior to disconnection. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.
If any of the original wire supplied with the appliance must be replaced, it must be replaced with 18 AWG wire with a temperature rating of 105°C.

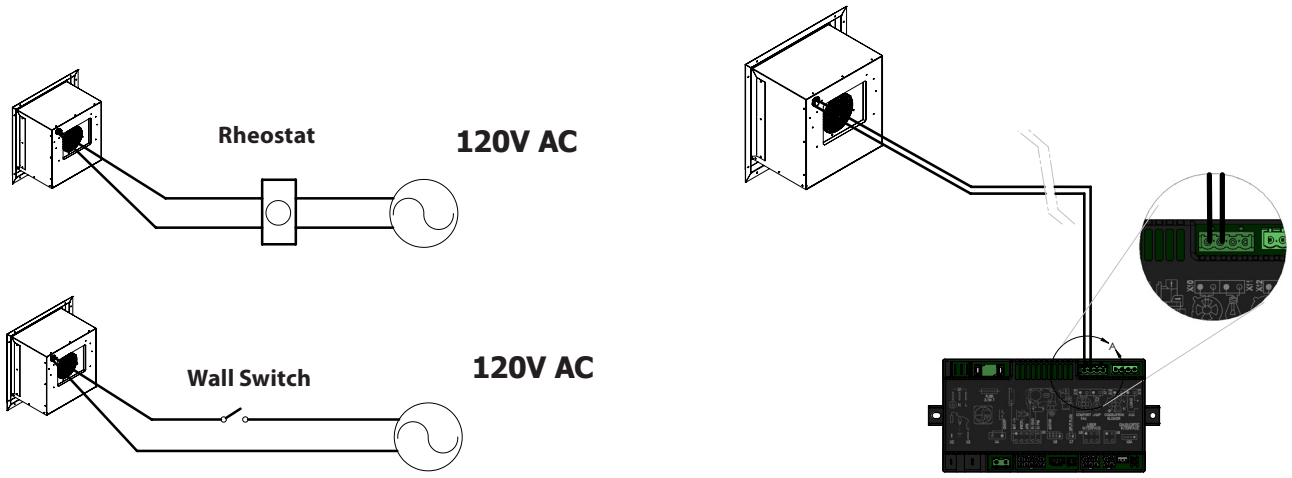


Figure 9: Wiring options

NOTE: Polarity of the leads does not effect operation

Reinstall the front cover to complete the termination installation.

User Control - Wiring:

The Chase Comfort kit may be wired in two different ways depending on user preference (refer to Figure 9 above):

Wall Switch / Rheostat - The Chase Comfort kit may be wired directly to a wall switch for simple on/off control, or to a rheostat for variable speed control. If using a rheostat, the voltage range must be set to **NOT drop below 80VAC**.

Remote Control - The Chase Comfort kit may be wired to the fireplace via the unused comfort fan circuit (X10) on the IFC. This will allow for on/off and 6 speed level control via the fan icon on the fireplace's remote control. Refer to the fireplace's installation manual for further details on accessing the IFC.
Note - The fan icon will need to be activated on the remote in order to control the kit. See the section at the end of the manual.

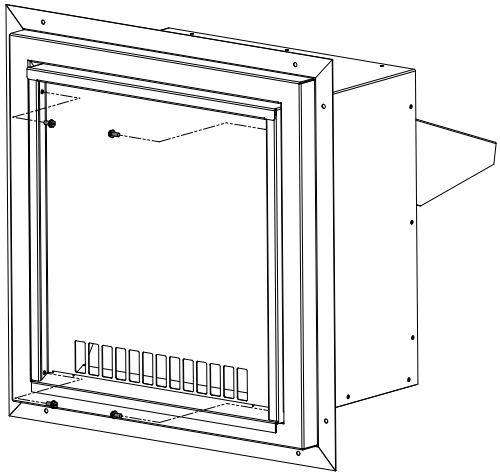


Figure 10: Front cover screws

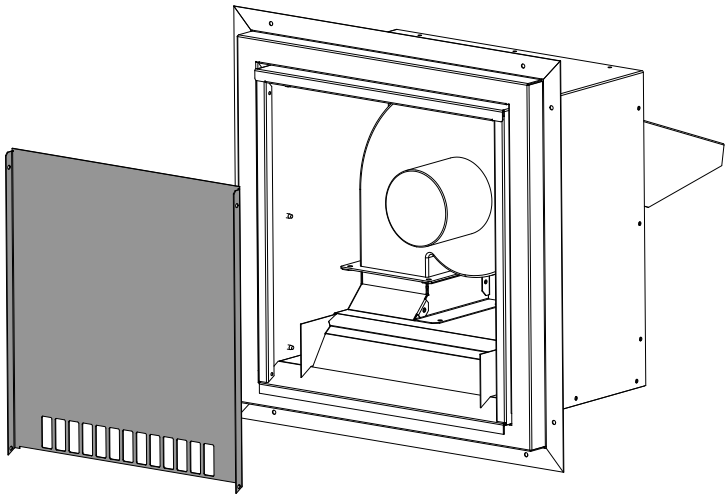


Figure 11: Front Cover removal

1. Remove the termination's front cover by removing the four (4) screws using a 1/4" nut driver. See Figures 10 & 11.

2. To wire the blower motor, use the supplied wire nuts to connect the two loose blower motor leads to the incoming power that was routed through the rear strain relief.

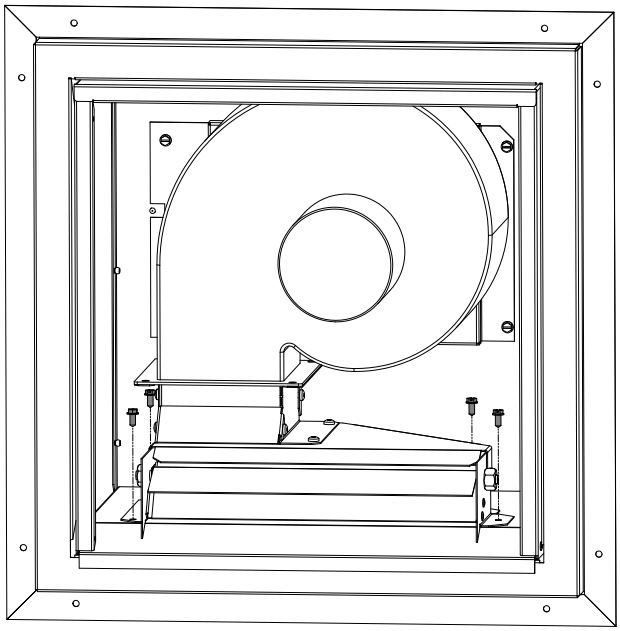


Figure 12: Vent Base Screw removal

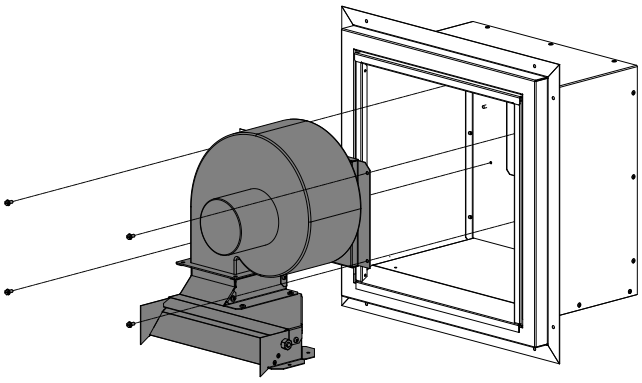
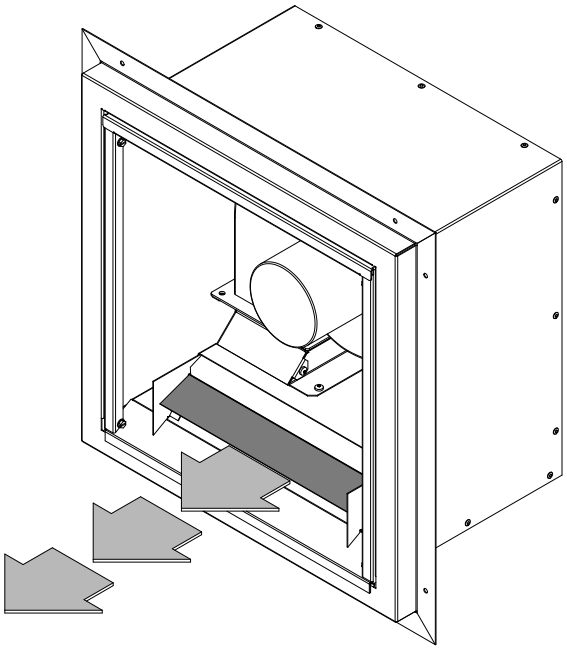
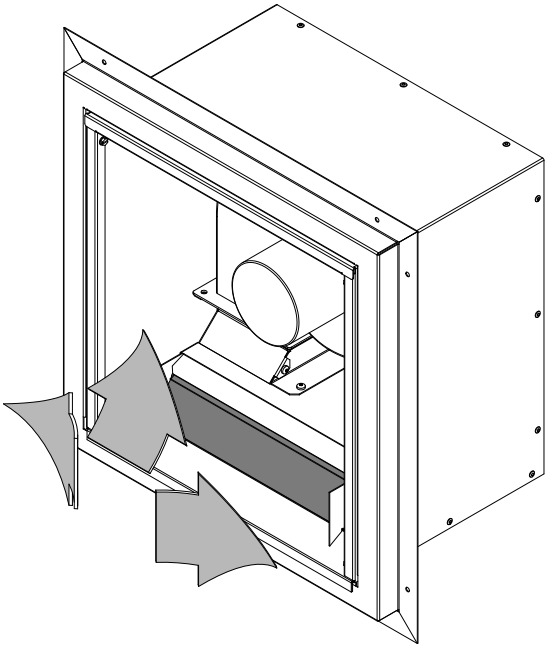


Figure 13: Blower assembly removal

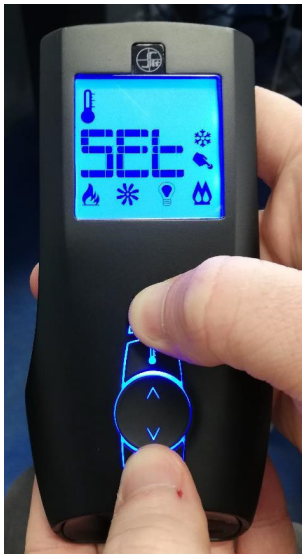
Discharge Flap:





NOTE: The Urbana Comfort Kit is equipped with a sealing one way flow door. the unit will flow air out of the chase when activated and will prevent outside air from flowing in when deactivated. An external one way duct flap is **NOT** required with this kit

Remote Icon Activation:



1. With no batteries inserted into the battery holder, keep pressed Power On/Off and O buttons.

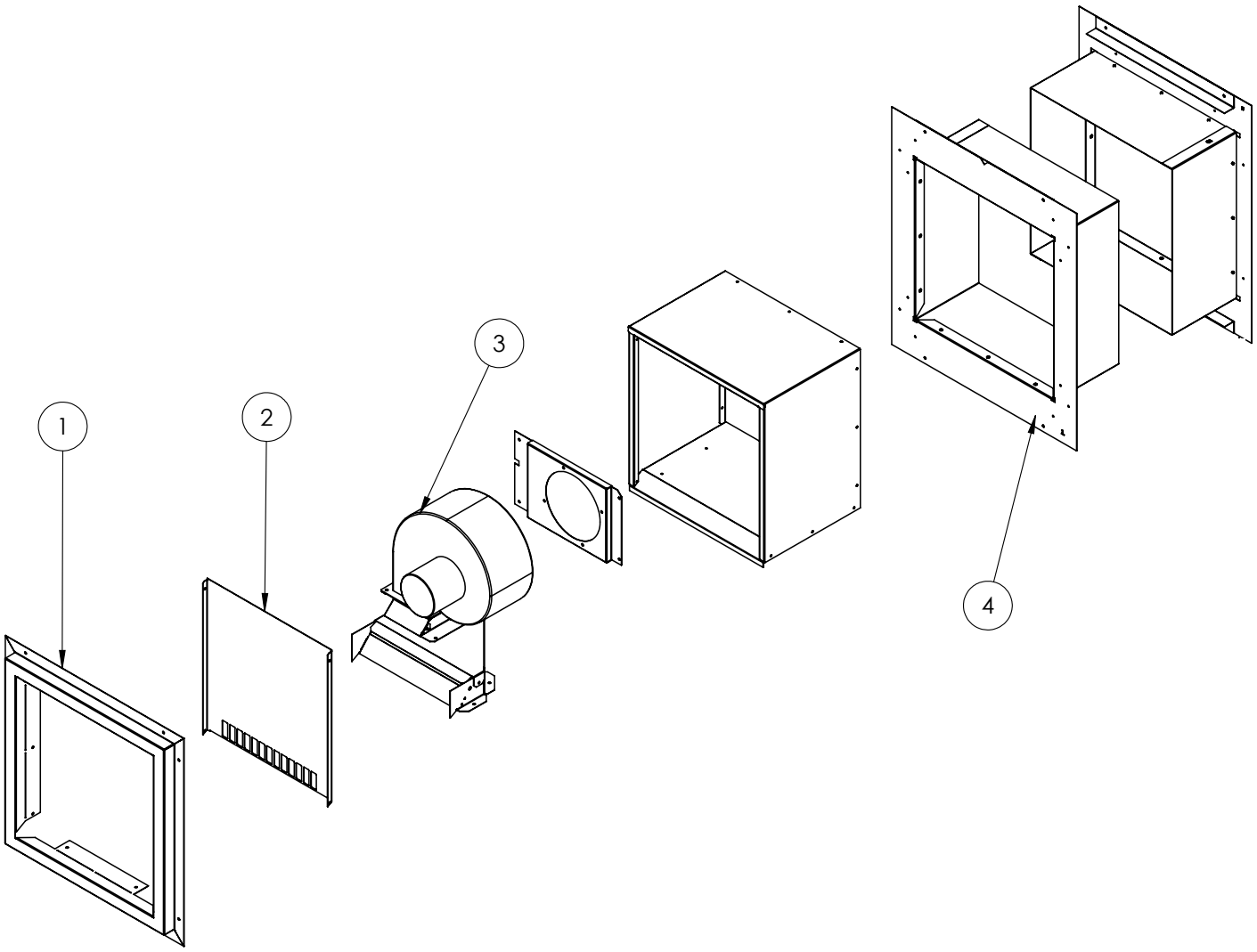
2. Insert batteries keeping pressed the two buttons. The following screen is displayed. Each icon can be:
a. Set: the icon is set.
b. Clr: the icon is unset.

3. Keeping pressed the Power On/Off button, pressing the O button each icon can be selected.

4. Keeping pressed the Power On/Off button and pressing the O button, navigate to the fan blade. This is in Clr state.

5. Keeping pressed the Power On/Off button, press the Up button to set the icon.

6. Release the Power On/Off button. The functionality is now enabled. The Fan Control is now ready to be used.



Reference Number	Part Description	Part Number
1	Finishing Face	50-3770
2	Front Cover	50-3980
3	Blower Motor	50-3978
4	Framing Thimble Assembly	50-3768

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