

POWER VENT KIT INSTALLATION INSTRUCTIONS

AA-11-05379 Power vent component kit for 4" x 6-5/8" vented fireplaces.

For all installations rigid, coaxial vent pipe is required. For all power vent approved fireplaces 4" x 6 5/8" direct vent pipe should be used. A reducer is included in the power vent accessory kit to reduce the venting on fireplaces that come with a 5" x 8" vent.

Tools Needed

- Large Flat Blade Screwdriver
- Wire Cutters

CONTROL MODULE PREPERATION

The board will need to be opened to remove a component inside for the power vent to be operational. This can be done with the board still in the fireplace or it can be removed from the fireplace for easier access.

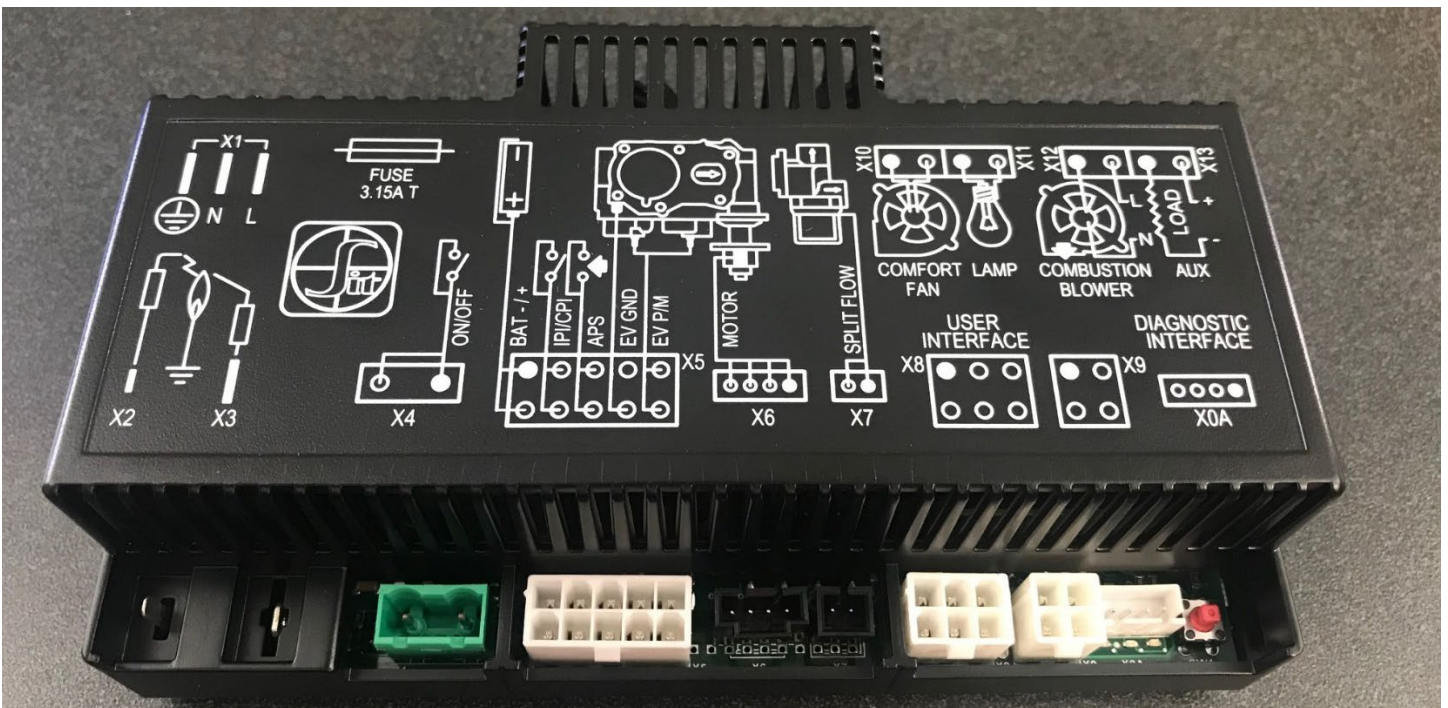
1. Use a flat blade screwdriver to carefully wedge the blade in between the 4 tabs on the control module and twist the screwdriver slightly to disengage the clips to remove the top cover.



2. Locate the pin cover circled in the top photo. Grab it with your fingers and pull it straight up to remove it. You may discard this piece.



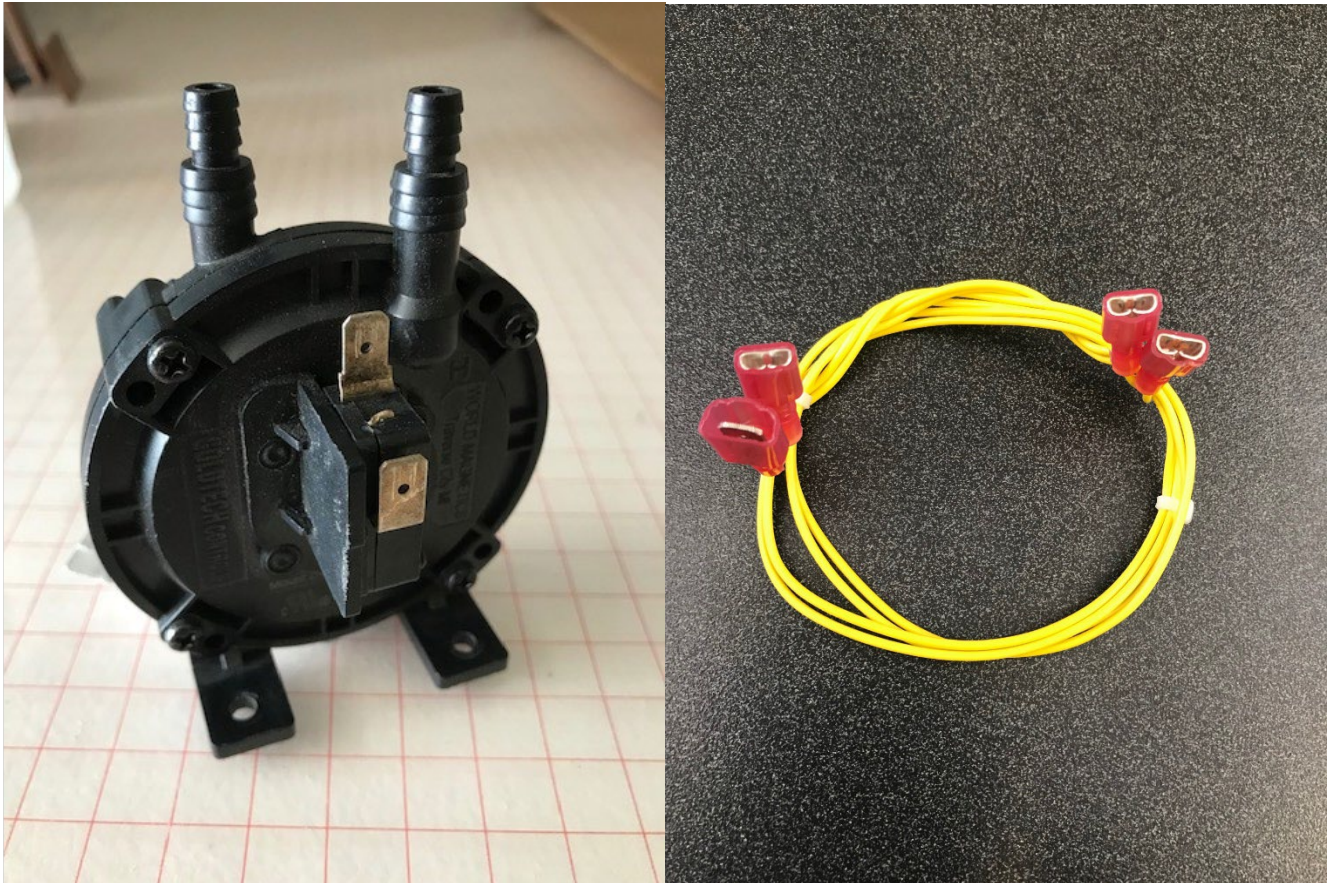
3. Place the top cover back onto the control module, make sure it is oriented properly, press lightly on the top cover till you hear a clicking sound engaging the retaining clips.
4. Re-install the control module back into the fireplace if it was removed.



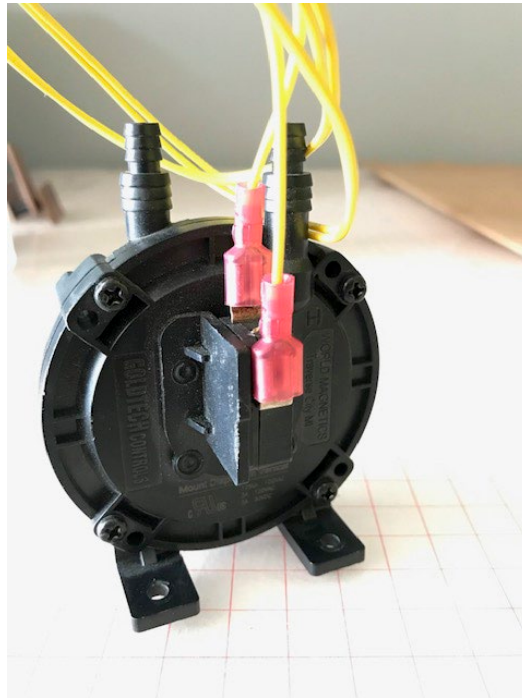
PRESSURE SWITCH PREPARATION

To begin preparation on the pressure switch you will first need to find the pressure switch, silicone hose, and power vent harness. The pressure switch and silicone hose are in the same box as these instructions. The power vent harness is the yellow harness with red quick connect connectors in the fireplace manual box.

1. Pressure switch and power vent harness.



2. Locate the end of the power vent wire harness with two female connectors. Connect this end of the power vent wire to the two silver terminals on the pressure switch marked "NO" and "COM". These can be connected in either order it does not make a difference.



3. Take the silicone hose and attach it to the hose barb on the pressure switch marked "L". This may not be visible, but it is opposing to the barb marked "H".



4. The pressure switch will be installed in the fireplace near the control module. The pressure switch must be installed vertically. The photos in the instructions show the pressure switch being placed in a ML series fireplace. For all fireplaces the pressure switch can be placed next to the control module in a similar way.



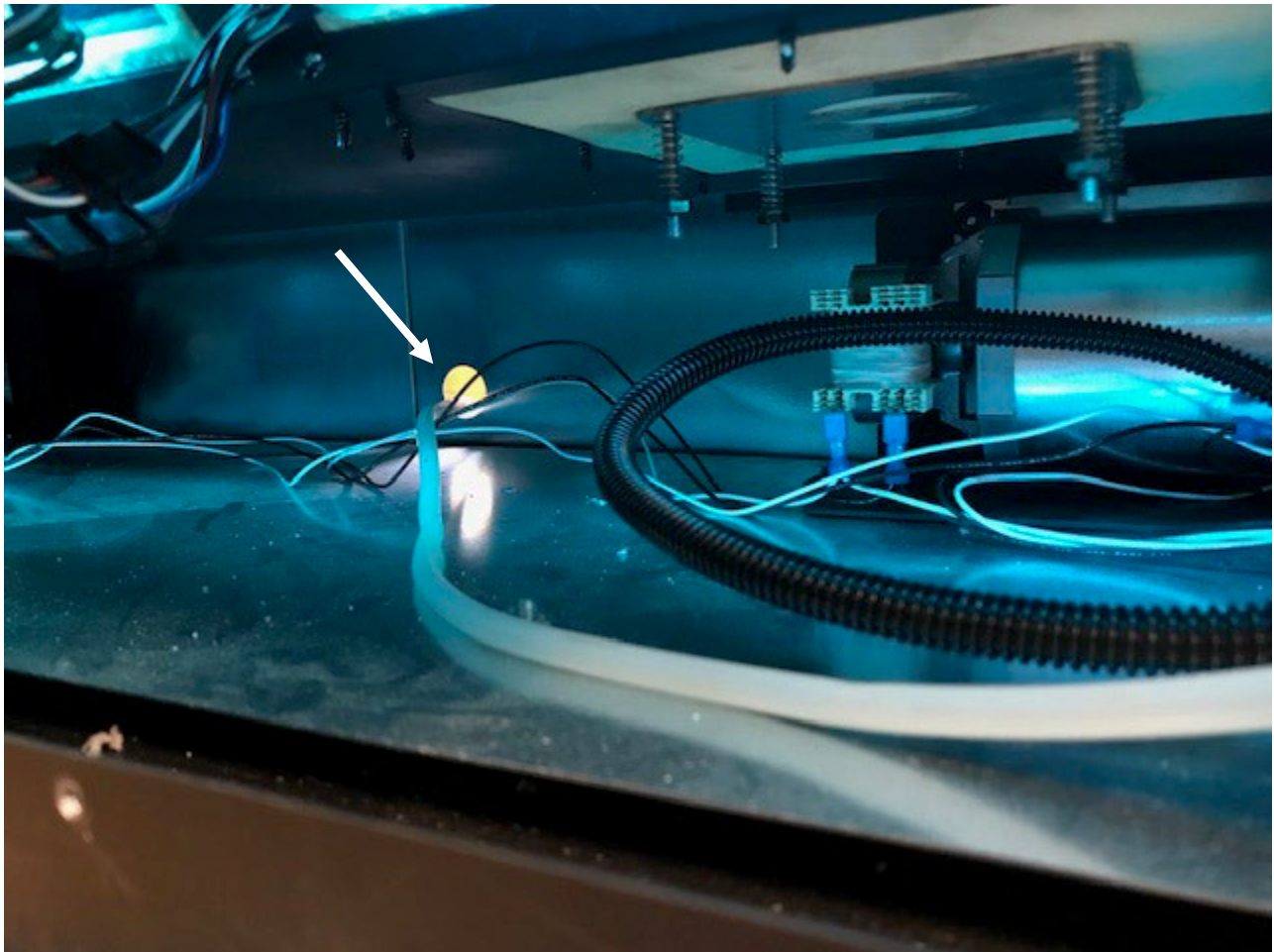
5. Peel the adhesive backing off the bottom of the pressure switch and place the pressure switch next to the control module as shown in the picture.



6. (ML-Series fireplaces) Route the silicone hose through the rear cutout of the fireplace. The cutout is located near the center of the fireplace at the bottom on the backside. The silicone hose can be routed from this hole to the pressure switch.

(FV-Series fireplaces) Route the silicone hose through the cut out in the access panel where the gas line is connected.

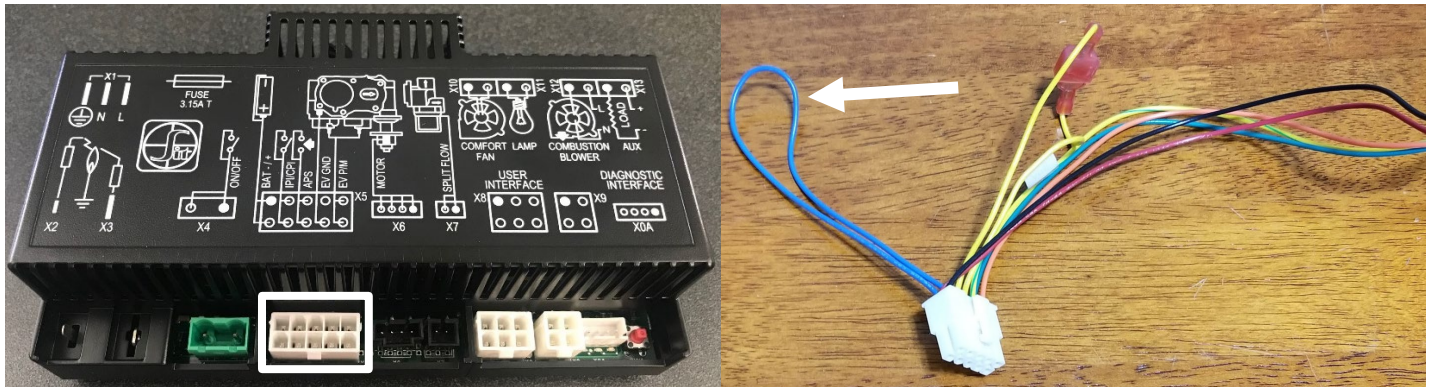
(DXV-Series fireplaces) Route the hose through one of the side cutouts where the gas line can be connected.



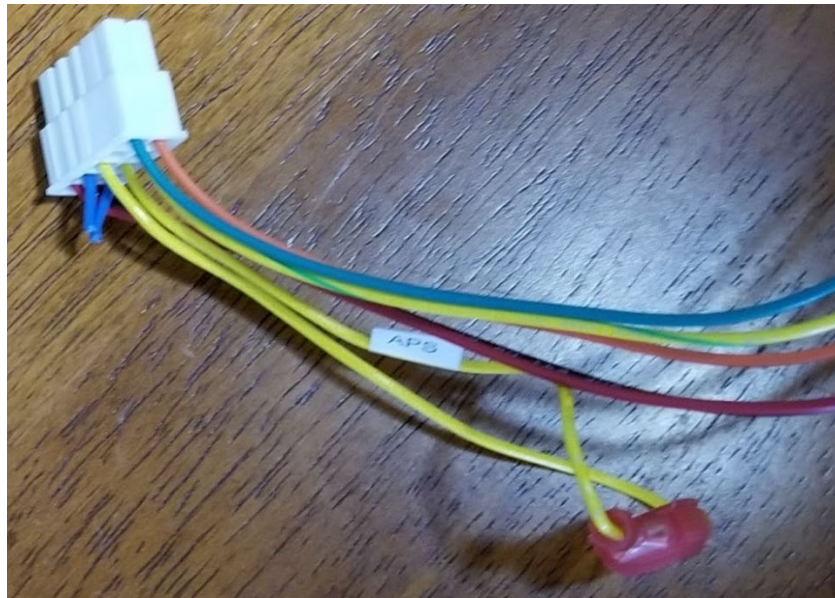
WIRE HARNESS PREPARATION

The wire harness needs to be modified for the power vent to be operational. You will need the wire cutters to remove a wire from the harness. The harness that needs to be modified will come already installed into the fireplace. This modification must be made to remove CPI mode.

1. Locate the harness that is shown below, it will be connected into the control module in the connector with the square around it. Then locate the blue wire that is looped on the Molex connector.



2. Using the wire cutters, remove the blue loop as best as you can from the wire harness.
3. Disconnect the red quick connect connectors on the loop marked "APS"



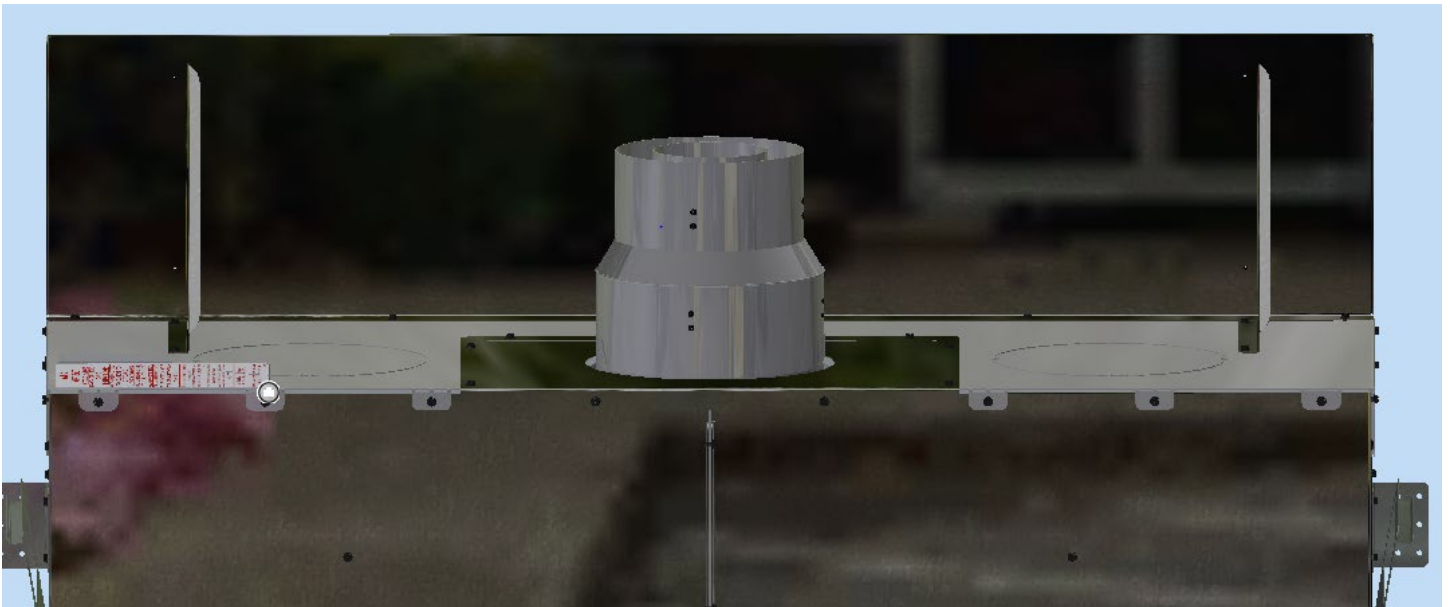
4. Connect the two red quick connect connectors on the harness to the two corresponding red quick connect connectors on the pressure switch wire harness.

FIREPLACE PREPARATION

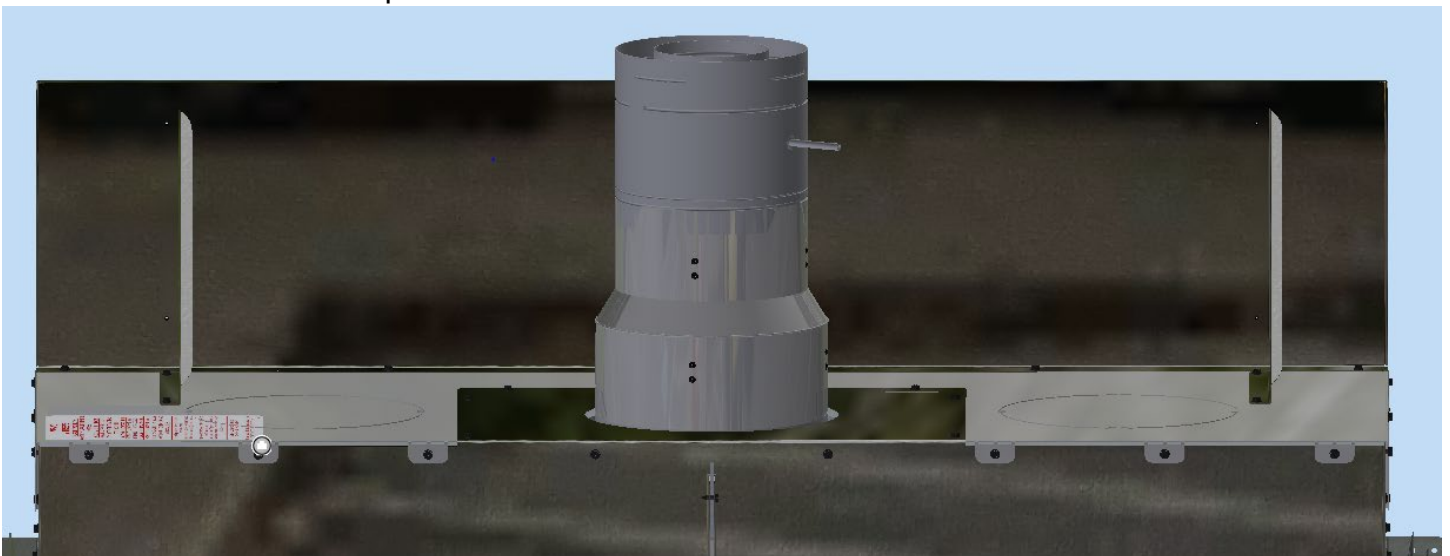
Use Kit AA-11-05379 for the following steps.

Note: For the following units DXV35DT4, FV34, FV34 ARCH, FV34 DÉCOR. Start with the 4 x 6 vent adapter with the pressure tube.

1. Install the 5/8-4 x 6 reducer.



2. Attach the 4 x 6 vent adapter with pressure tube to the reducer in item one. Note: the height of the reducer and adapter attached is 11 1/2".

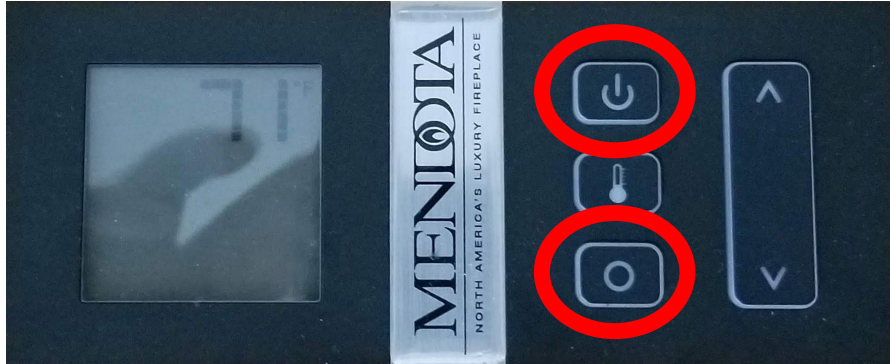


3. Install the 4 x 6- 5/8 increaser to the power vent.

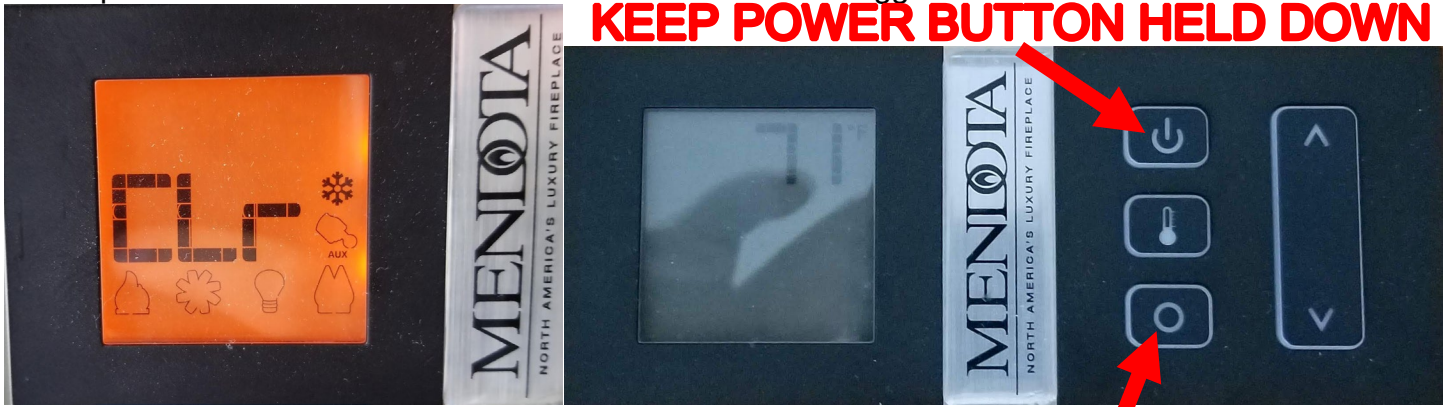


REMOVE CPI FUNCTION FROM THE REMOTE.

- Remove the batteries from the remote. Then install the batteries while holding the power and mode buttons.



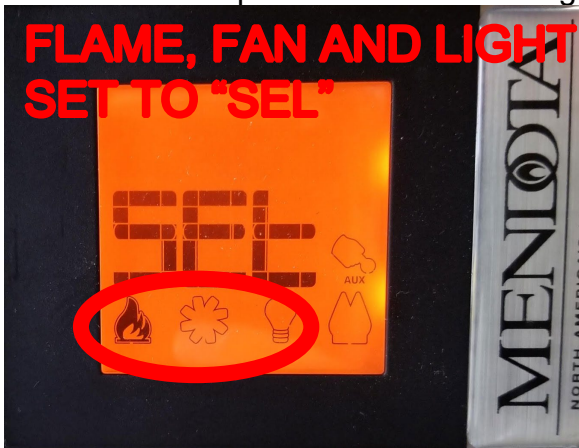
- This will bring up a display that will let you select or clear the functions on the remote. Keep the power button held down and use the mode button to toggle between functions.



KEEP POWER BUTTON HELD DOWN

PUSH TO TOGGLE FUNCTIONS

- Use the up/down arrows to change the CPI function so the display reads CLR.



**FLAME, FAN AND LIGHT
SET TO "SEL"**



CPI SET TO "CLR"

- After setting the functions release the power button. Push the power button again and check that the flame height, fan and light function can be activated.