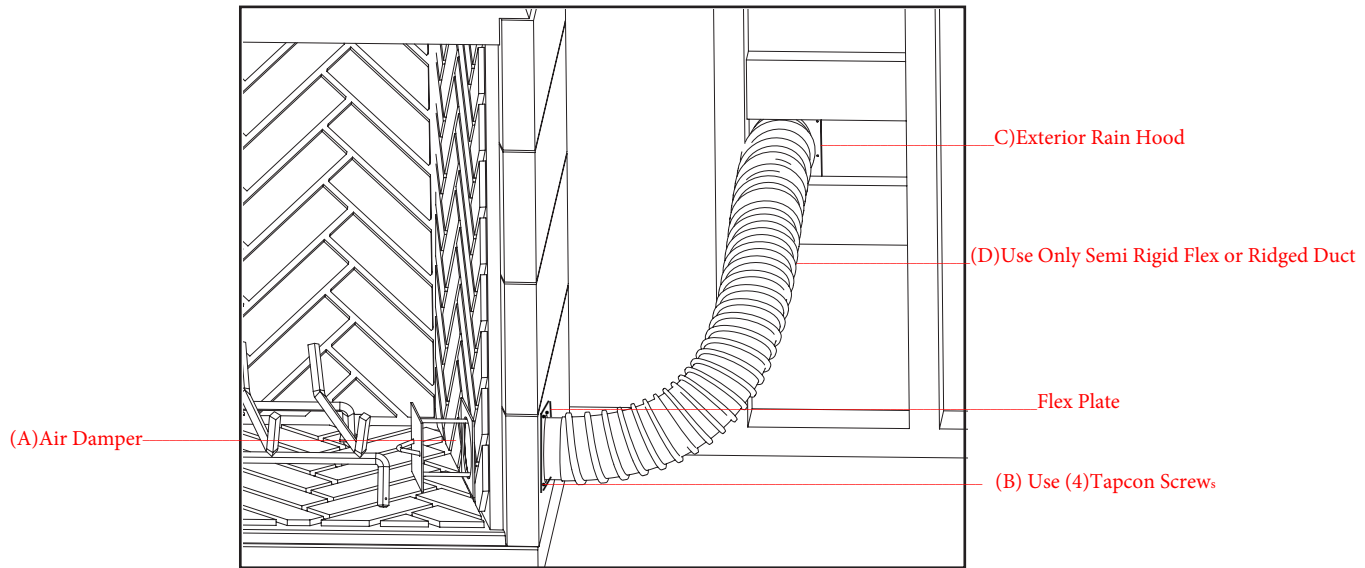


## Installing Outside Air Kit

Outside Air kits may not be required on outdoor fireplaces, consult your local building authority

The Burntech® Fireplace needs enough replacement air to function properly and some local building codes may require outside combustion air to be provided. If no replacement air is provided, improper flue drafting may occur, creating negative pressure whereby smoke may enter the home, especially in homes that are very well insulated and tightly sealed. Check local building codes for specific requirements.



- A) Your Burntech Fireplace Sidewall comes core drilled with a 4" Diameter Hole. Place the Air Damper Cylinder inside of the 4" hole so that the face plate is flush with the firebrick. Use a grout bag to grout around the cylinder and side wall to secure it in place.
- B) Secure the Flex Plate to the outside of the Burntech sidewall with (4) 3/16"x1"1/4 Tapcon blue screws (Not included) Be sure to pre-drill the screw holes prior to securing screws or you may crack the sidewall.
- C) Decide the location of your exterior rain hood Be sure that you carefully check the source of the outside air before you choose the site for your air intake. You don't want a place where snow will collect, where bushes or trees will be growing or a location that is too close to any other structure. Check with your local building authority for local termination requirements. The vent path should not run vertical for more than 6" or it may result in a negative smoking condition. Secure the exterior rain hood to the desired location with nails or screws. Place caulking over top of the screws and around edges of the plate to ensure that it is water tight.
- D) Secure the Semi Rigid flex to the Exterior Rain hood and Flex plate with (3) self tapping sheet metal screws for each piece. Non Insulated Ridged or flexible metal conduit as the source for outside combustibile air. If you need additional Flex, check with your local hardware store. Use only Semi Rigid flex or Rigid pipe. **DO NOT USE ALUMINUM FOIL TYPE DRYER DUCTING AS IT IS COMBUSTIBLE.**