

POWER REQUIREMENT – ELECTRICAL REQUIREMENT

Screen Unit: 110V, 15A Outlet (Dedicated circuit is optional but recommended) or directly wired. When using an outlet, make sure the outlet is accessible in the event of servicing.

**110V, 15A additional power source needed if Optional RGB-LEDs are included in unit.

Double Glass: 110V, 15A Outlet (Dedicated circuit is optional but recommended) or directly wired. When using an outlet, make sure the outlet is accessible in the event of servicing.

**No additional power source needed for optional RGB-LEDs.

TELEVISION MOUNTING ABOVE FIREPLACE

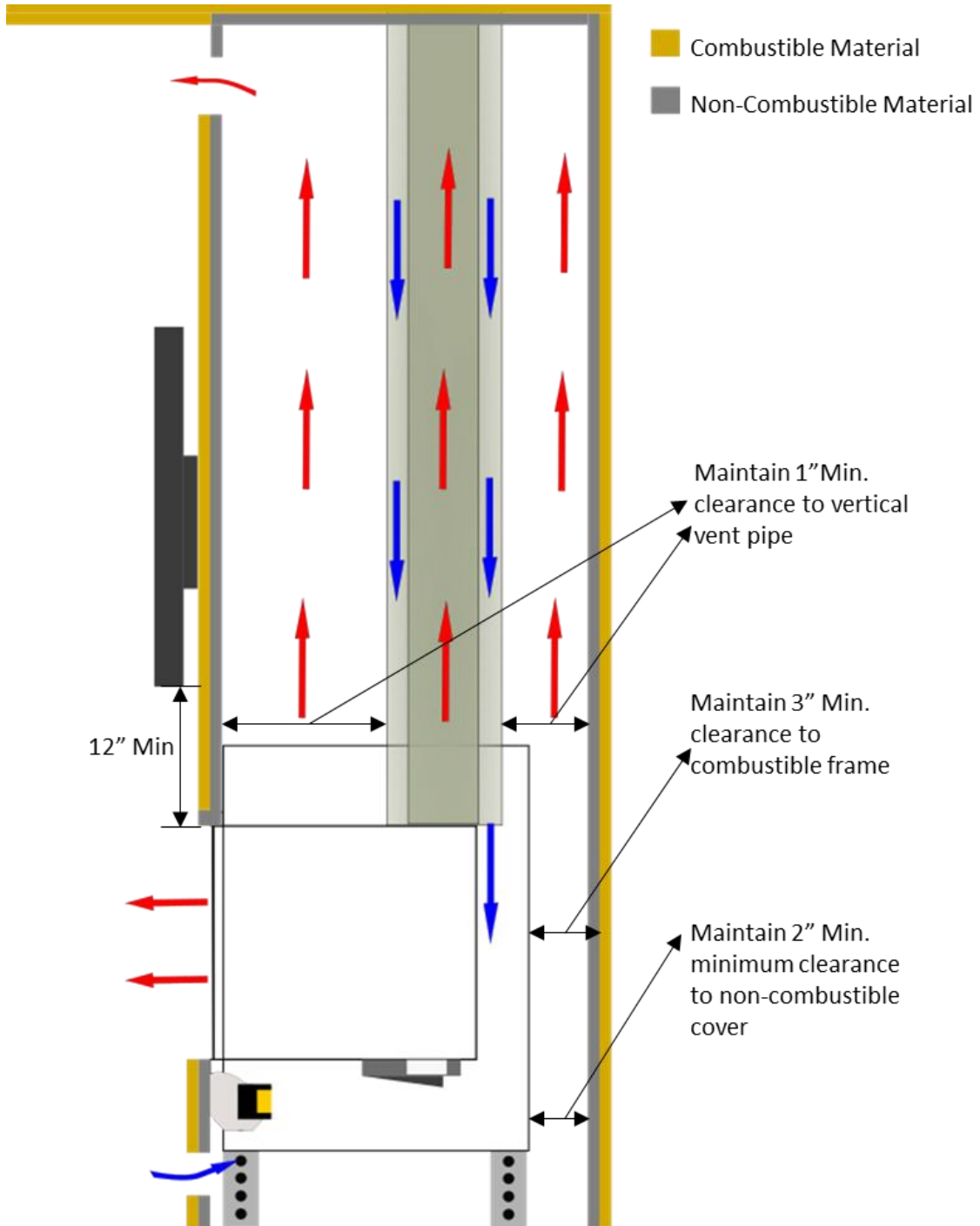
The Flare Fireplace frameless design directs the heat from the fireplace into the fireplace chase to be released from the top vent opening. The design allows for a relatively low temperature on the external wall above the fireplace.

Follow the charts and instruction below for suggested installation of a television above the fireplace.

- Please note that electric wiring used for the television must be insulated when installed inside the chase above the fireplace.
- It is critical that wiring insulation **does not** obstruct the hot air flow from going to the top part of the chase to be released back to the room.
- Placing insulation above the fireplace may result in a Fire hazard. Air flow above the fireplace should remain open to allow heat to be released from the top of the chase.
- Follow the chart below for clearance and sizing.
- **It is recommended to double wall** the area behind the TV to allow cables and other related material to be installed with less concern of blocking hot air flow. Use non-combustible material for double wall.
- All wires **MUST** be secured and anchored to the frame to prevent any possibility of wires dropping on top of the Fireplace.
- TV can be recessed when installed above the Fireplace, be protected by a mantel or flush installed above the fireplace.
- Wires should be inserted into the recess from the top or sides (In order to avoid proximity to the fireplace vent).
- To reduce the amount of heat around and below the TV, **increase** the size of the [heat release](#) above the minimum required for your fireplace size unit.

*Please note that most television manufactures and manuals will instruct the owner **not to install** television above or near a fireplace. Mounting a television above the fireplace is based on the owner's decision and responsibility. Flare will not be held liable for any adverse effects on a TV, artwork or other equipment located near the Flare appliance. It is the customer's responsibility to verify that their TV or artwork can withstand the wall temperatures at the installation site.

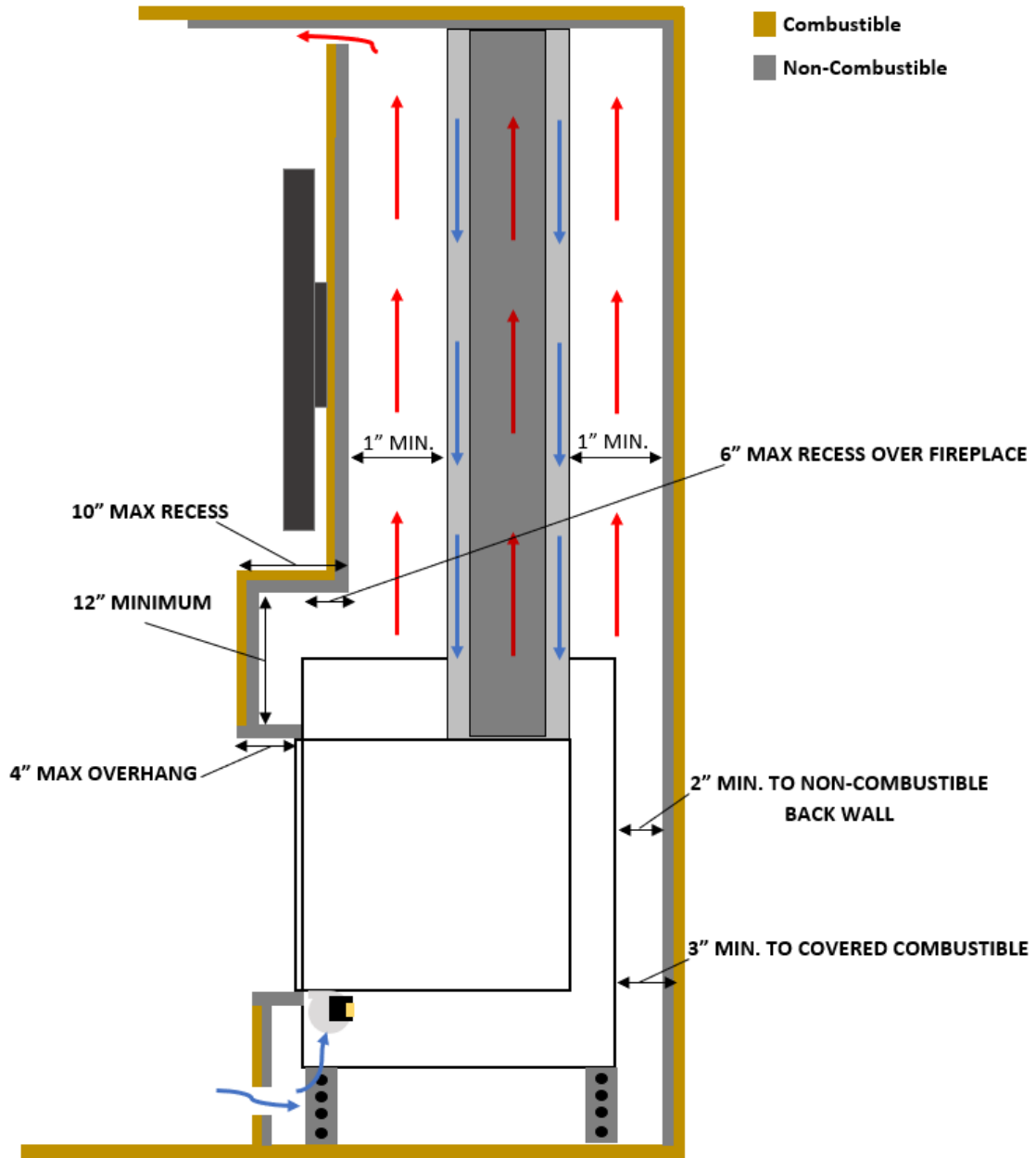
TV INSTALL – FLAT EXAMPLE



Warning! – Maintain open Air flow between the fireplace and wall covers. Make sure cables or any other materials are not blocking hot air flow.

*THE EXAMPLE SHOWN ABOVE IS NOT AN EXACT RENDERING OF EVERY FIREPLACE STYLE AND VENT PLACEMENT OFFERED BY FLARE BUT MEANT TO CONVEY RELEVANT MEASUREMENTS FOR USE ON ALL UNIT INSTALLATIONS. FOR EXACT DRAWINGS OF THE FIREPLACES AND THEIR VENT PLACEMENT PLEASE DOWNLOAD DIMENSION OR FRAMING GUIDES FROM OUR [DIRECT VENT DOWNLOAD CENTER](#)

TV INSTALL – L TYPE E



The television recess should be no deeper than 6" inches over the top of the fireplace, **12" above the top of the fireplace glass opening**. This in conjunction with extending the overhang to the max of 4", will bring the front wall out far enough to allow for space to recess the TV safely. See an example of this above. **Do not make recess any deeper than 10" from the face of your finishing material to the back of the recess, as it will hinder air flow & damage the TV.**

Warning! – Maintain Open Air flow between the fireplace and drywall. Make sure cables or any other materials are not blocking hot air flow.

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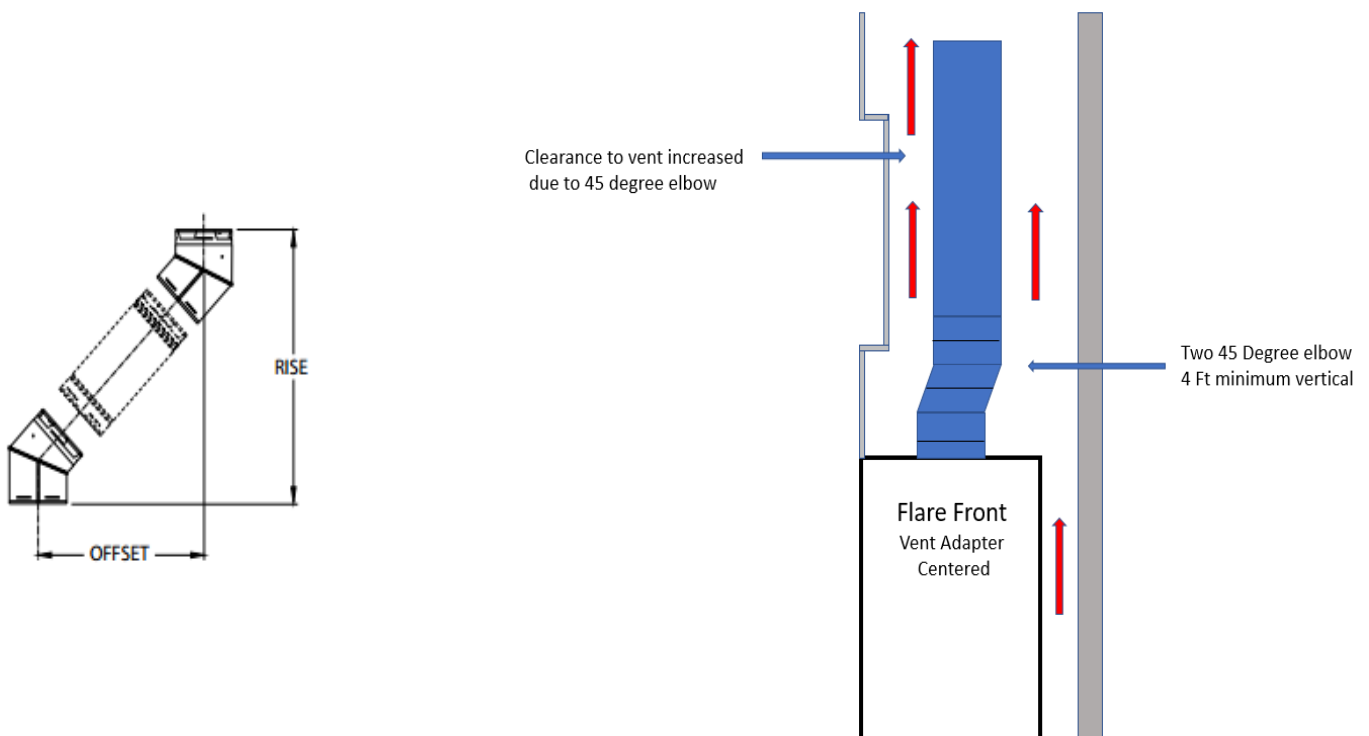
TV INSTALL RECESS – 45 DEGREE ELBOW ON TOP OF THE UNIT

When planning a TV recess, clearance to the vent pipe in the chase is critical and needs to be a minimum of 1” to the non-combustible recessed wall. This is to prevent heat from radiating from the vent to the recessed wall and being transferred to the TV.

Due to the central location and diameter of the vent (8 inches) on our front facing & see-through models, one of the following solutions may be necessary to maintain the clearance requirement:

1. The television recess should be no more than 6” inches deep, **12” above the top of the fireplace glass opening**. You must maintain a 1” clearance from your recess to the vent pipe to prevent overheating.
2. Install two 45 elbows directly above the fireplace followed by a minimum 4 ft vertical vent rise. The two small elbows will move the vertical section back 5 5/8”. Note that the 1-inch clearance from the vent applies also to the back non-combustible wall.
3. Do not use any elbow with an angle larger than 45 degrees.
4. A **4 ft** minimum vertical vent rise must be used after the **two 45-degree** elbows on fireplaces sized between **30”** and **70”**. A **6 ft** minimum rise will be required for units sized at **80”** and **100”**.
5. **Note: Max recess of TV into the cavity should not exceed 6”**. Recesses exceeding this dimension run the risk of creating a shelf and hindering air flow above unit, resulting in a wall that may overheat.
6. **The following vent path should be used for Flare Front and Flare See Through only.**

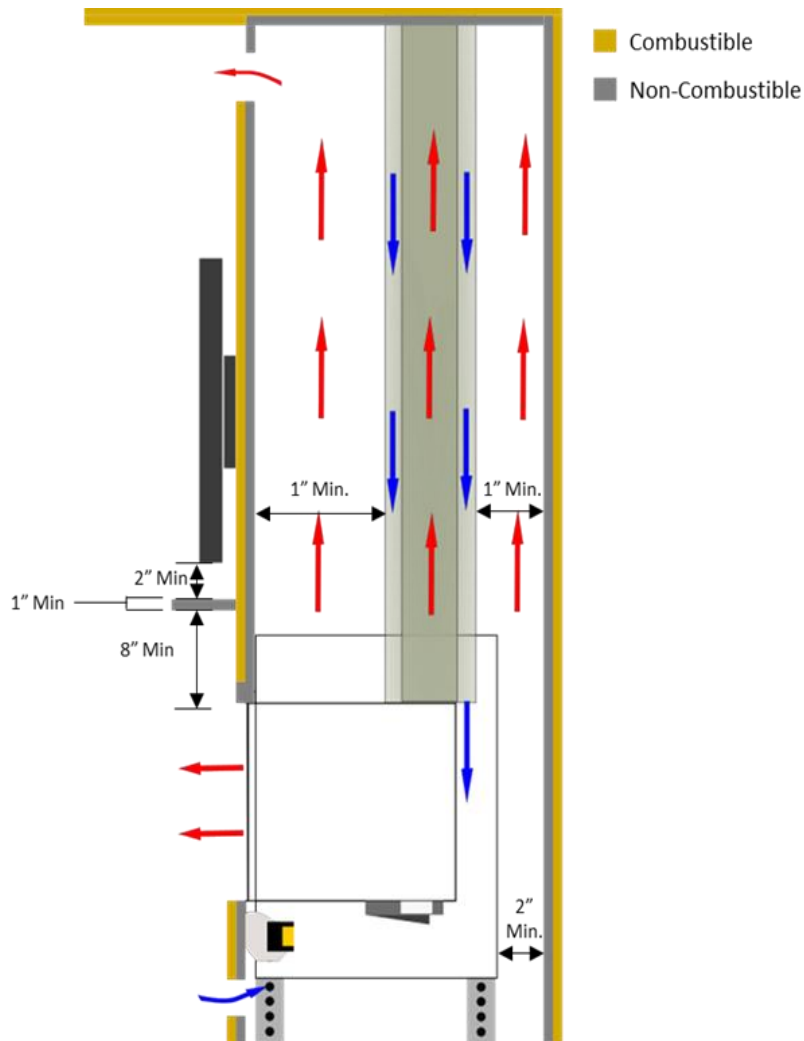
4x6		5x8	
Offset	Rise	Offset	Rise
5”	13 1/2”	5 5/8”	15 3/8”



TV INSTALL WITHOUT RECESS – MANTEL INSTALLATION

Minimum Requirements for Installing a Television without a Recess:

- The TV must be at least 11 Inches total above the glass of the fireplace.
- A mantel at least 1 inch thick and 6 inches deep should be installed a minimum of 8 inches above the glass.
- The TV must be at least 2 inches above the mantel and 1 inch back from the edge of the mantel.
- To reduce the amount of heat around and below the TV, increase the size of the [heat release](#) above the minimum required for your unit.
- All measurements shown are minimum requirements.



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