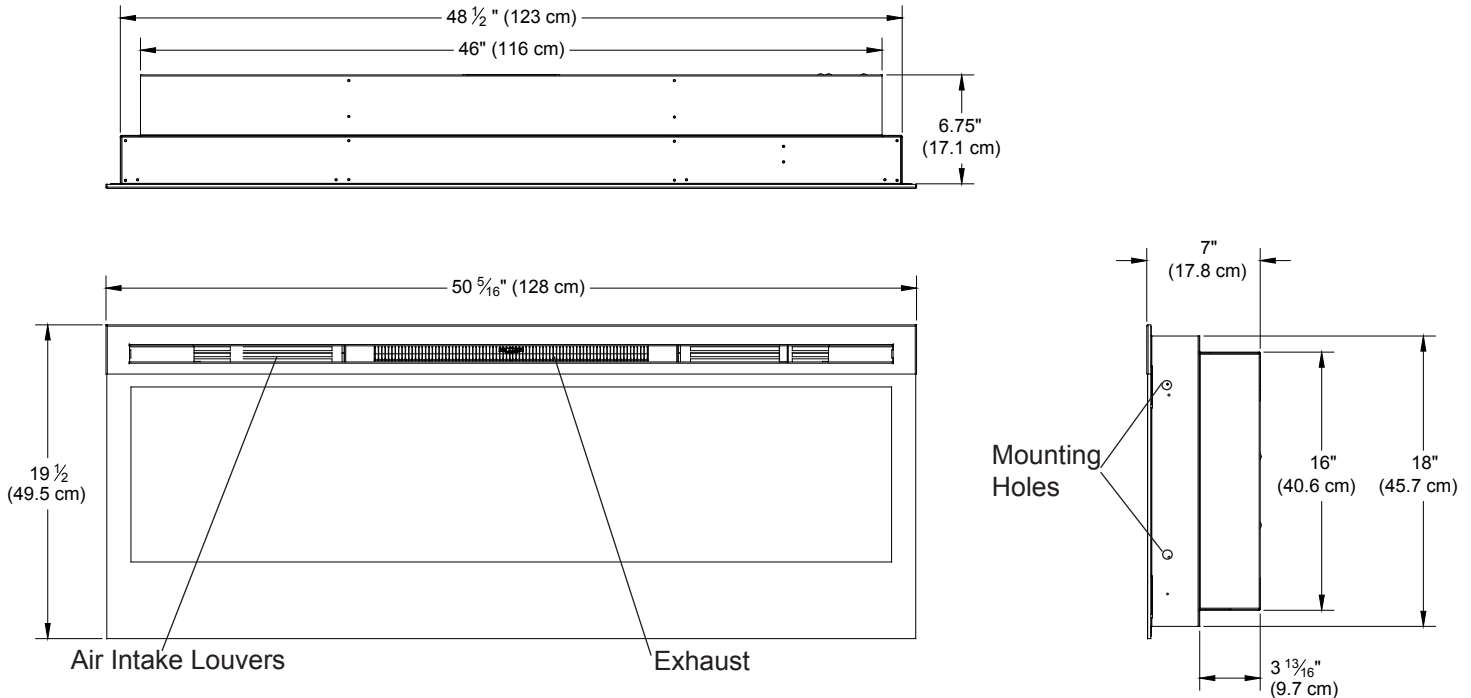


BLF50



All installations should be performed to the firebox with the glass assembly removed. Once the firebox is secured then the glass assembly can be installed.

New Construction Enclosure Design

- In-wall Recessed Installation - 2x4 Framing:** Prepare a wall with a framed opening of 46 1/2 inches (118.1 cm) wide x 16 1/2 inches (42 cm) high (Figure 1a). Ensuring that the unit is level, drive 4 supplied mounting screws through the 4 mounting holes located in each corner of the fireplace chassis, into wall studs.
 - NOTE:** The sizing has allowed for 1/4" (6.4mm) around the fireplace insert for ease of installation. This fireplace does not require any additional venting.
- Flush Mounted Installation - 2x8 Framing:** Prepare a wall with a framed opening of 49 inches (124.5 cm) wide x 18 1/2 inches (47 cm) high (Figure 1b). Insert fireplace into opening with mounting trim flush against the wall. Ensuring that the unit is level, drive four (4) supplied mounting screws through the four (4) mounting holes located in each corner of the fireplace chassis, into wall studs (Figure 2).
 - NOTE:** The sizing has allowed for 1/4" (6.4mm) around the fireplace insert for ease of installation. This fireplace does not require any additional venting.

Mantel Enclosure Design: If not installing the unit into the wall, the fireplace must be installed in an enclosure with the following dimensions: 49 inches (124.5 cm) wide x 18 1/2 inches (47 cm) high x 7 inches (17.8 cm) deep, allow for an additional 1 1/2 inches (38.1mm) on the front surface around the whole opening to allow for clearance and installation of the glass. (Figure 3) There are two mounting holes in either side of the chassis to easily secure the unit into the mantel. A

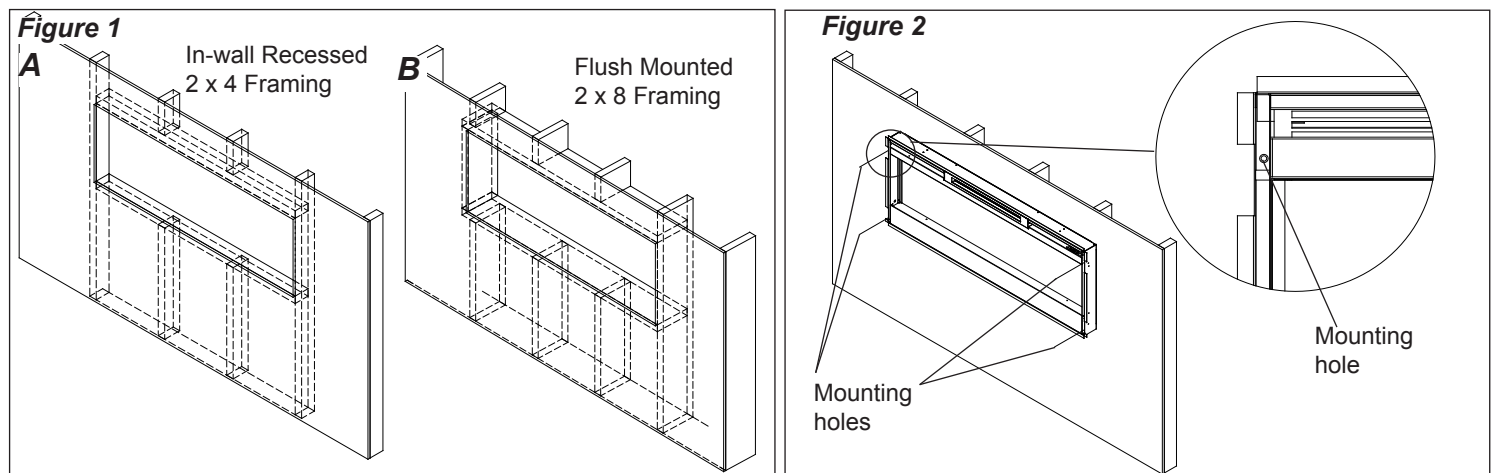
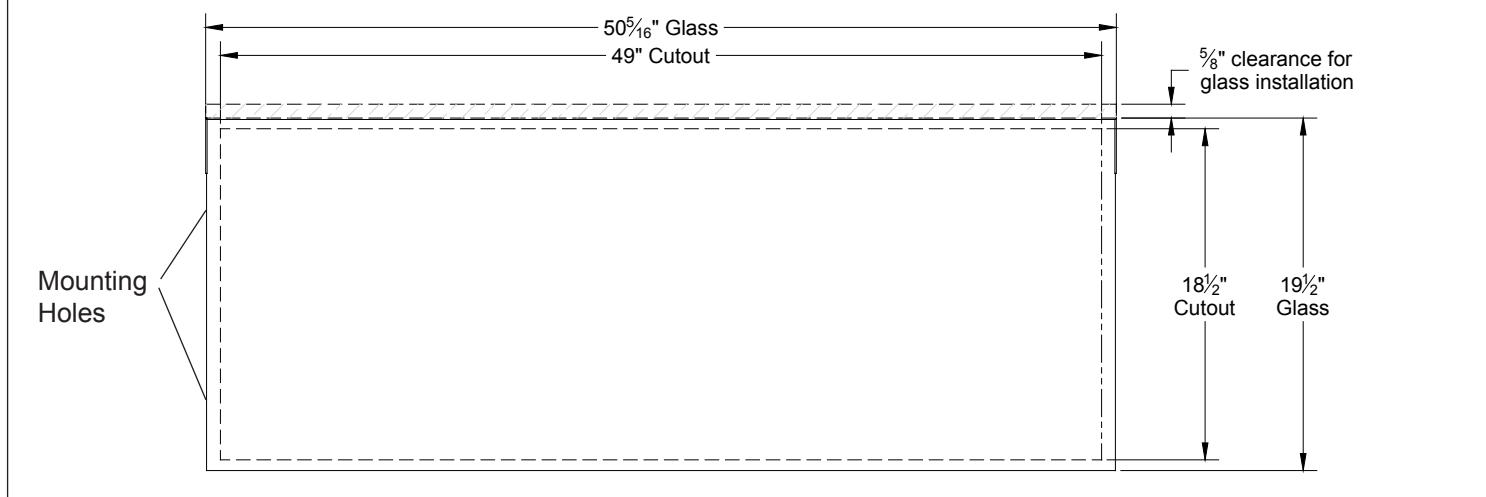


Figure 3



bottom support should be provided for the unit to rest on, and to allow clearance for the lower portion of the glass.

! NOTE: The sizing has allowed for 1/4" (6.4mm) around the fireplace insert for ease of installation. This fireplace does not require any additional venting.

⚠ WARNING: The enclosure should be designed to support the firebox which weighs approximately 80 lbs (36.3 kg) .

⚠ WARNING: Ensure that the enclosure design allows for the firebox to be easily removed for any service or maintenance.

Vented Air: The enclosure **MUST NOT** block the front top edge of the unit. The firebox may overheat if any of these vents are obstructed.

⚠ WARNING: The heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. The trim around the heater outlet becomes hot during heater operation. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the unit.

Power: The unit comes wired with a two prong power cord, which exits the lower rear/right side of the firebox. The firebox can also be wired directly to a 120V power supply, see Owners Manual for instructions.

Recommended Electrical Specifications

Volts	Wire Gauge	Fuse Rating	Rated Power	Full Power
120 V	14 Ga.	15 A	1230 W	10.25 A



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