



Order No. **X-FEF3226L3**
Model No. **FEF3226L3**

Notes:

Section 10309 - Manufactured Electric Fireplaces

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Manufactured electric fireplaces.
- B. Accessories

1.2 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry: Wood framed rough opening and enclosure.

1.3 REFERENCES

- A. UL - 2021
- B. CSA - C22.2 No. 46

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Manufacturer's Certificates: Certify products meet or exceed specified requirements.
- D. Manufacturer's warranty.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Protect materials from exposure to moisture. Do not deliver until after wet work is complete and dry.

1.6 WARRANTY

- A. Provide the manufacturer's 2-year limited warranty on electrical components.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Pre-fabricated Electric Fireplace:
 - 1. Base: Dimplex Electric Fireplace
Glen Dimplex Americas
1367 Industrial Road
Cambridge ON N3H 4W3
1-888-346-7539
www.dimplex.com
 - 2. Substitutions not permitted
 - 3. Requests for substitutions will be considered in accordance with provisions of Section 01600.



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2.2 ELECTRIC FIREPLACES

A. General:

1. Provide all components and accessories required for a complete, functional unit.
2. UL or CSA listed

B. Pre-fabricated Electric Fireplace:

1. Base Product:

- a) Dimplex Electric Fireplace
- b) Material Number: X-FEF3226L3
- c) Model Number: FEF3226L3
- d) Regulatory model number: 6910350100

2. Description: 32" Single Sided Built-in Firebox

3. Dimensions:

- a) Width: 35" / 89.1 cm
- b) Height: 37" / 94.0 cm to 37-3/4" / 96.0 cm
- c) Depth: 20-1/4" / 51.4 cm to 22-1/4" / 56.4 cm

4. Framing Dimensions:

- a) Width: 36" / 91.5 cm
- b) Height: 38-1/8" / 96.8 cm
- c) Depth: 21" / 53.3 cm

5. Electrical:

- a) Volts: 120 V
- b) Watts: 270 W
- c) Amps: 2.25

6. Venting: Non-venting

Note: Fresh air inlet of 80 in2 (5163mmc) is required for proper flame height

CAUTION: When determining a location for the e-Matrix, ensure that the unit will not be susceptible to drafts, vents, ceiling fans and other air currents. Similar to a candle, large movements of air will affect the unit's ability to create and maintain the flame effect.

7. Operation: Flame only

8. Heating: No Heat

9. Standard features:

- a) Patented multi-colored 3D flame effect produced by LED lights and fine mist
- b) Direct plumbing connection for continuous water supply
- c) Overflow sensor to automatically shut off water supply to prevent leaks
- d) Adjustable flame and volume control
- e) Safe, cool-touch surfaces, ideal for residential and commercial applications



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11. Control options:

- a) Direct wired to 120V circuit
- b) Multi-functional blue tooth remote
- c) Built-in manual controls

PART 3 EXECUTION

3.1 INSPECTION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Verify proper power supply and fuel source are available.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions and requirements of authorities having jurisdiction.
- B. Use manufacturer's guidelines for minimum clearances to combustibles, walls, and finishes.
- C. Anchor all components firmly in position for long life under hard use.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION