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| Order No. | <b>X-XLF10017-XD</b> |
| Model No. | <b>XLF10017-XD</b>   |

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 5-year limited warranty on electrical components.
- B. 5-year limited warranty for indoor use and 1-year limited warranty for outdoor use.

### 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. cULus listed, file E71416

#### B. Pre-fabricated Electric Fireplace:

##### 1. Base Product:

- a) Dimplex Ignite Bold Linear Electric Fireplace
- b) Material Number: X-XLF10017-XD
- c) Model Number: XLF10017-XD
- d) Regulatory model number: 6911620000

##### 2. Description: Realistic 100" linear electric fireplace

##### 3. Dimensions (Bay installation):

- a) Width: 100-3/4" / 255.9 cm
- b) Height: 23-7/8" / 60.7 cm
- c) Depth: 12-1/8" / 30.6 cm

##### 4. Framing Dimensions:

- a) Width: 99-3/4" / 253.4 cm
- b) Height: 24-1/4" / 61.6 cm
- c) Depth: 11-5/8" / 29.5 cm

##### 5. Electrical:

- a) Volts: 120 V, 240 V with neutral wire
- b) Watts: 1500 W, 2500 W
- c) BTUs: 5118 / 8530
- d) Amps: 12.5 / 10.4

##### 6. Venting: Non-venting

##### 7. Operation: Flame only, heat only, flame and heat

##### 8. Heating: Louver-less, fan-forced circulation

##### 9. Liner: Steel

##### 10. Standard features:

- a) A new multi-layered color effect that creates a sense of depth. Color settings can be controlled independently or combined in one of five presets
- b) Ambient light sensor automatically adjusts firebox light to suit the room or can be customized with a range of preset colors
- c) The multi-media bed includes small and large acrylic crystals with natural looking driftwood
- d) LED flame technology



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- e) Hard wire capabilities - 120V, 240V
  - f) Built-in touch controls
  - g) Built-in Timer - Set for up to 8 hours
  - h) Seamless installation and edge to edge glass
  - i) Equipped with integrated smart technology that provides maintenance and operation feedback
11. Control options:
- a) Flame Connect mobile app
  - b) Multi-function remote control
  - c) Built-in hidden controls (Standby, heat on/off, thermostat, brightness, flame theme)
12. Optional Accessories:
- a) Plug Kit - XLFXDPLUG
  - b) Linking Kit for Modular Installation - X-XLFXDLINK
  - c) Other optional accessories available

### 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.
- D. Upon completion of installation, visually inspect all exposed surfaces. Touch up scratches and abrasions with touch up paint recommended by the manufacturer; make imperfections invisible to the unaided eye from a distance of 5 feet (1.5 m).
- E. To use the mobile app, install where a WiFi connection is available.

#### 3.4 PROTECTION

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

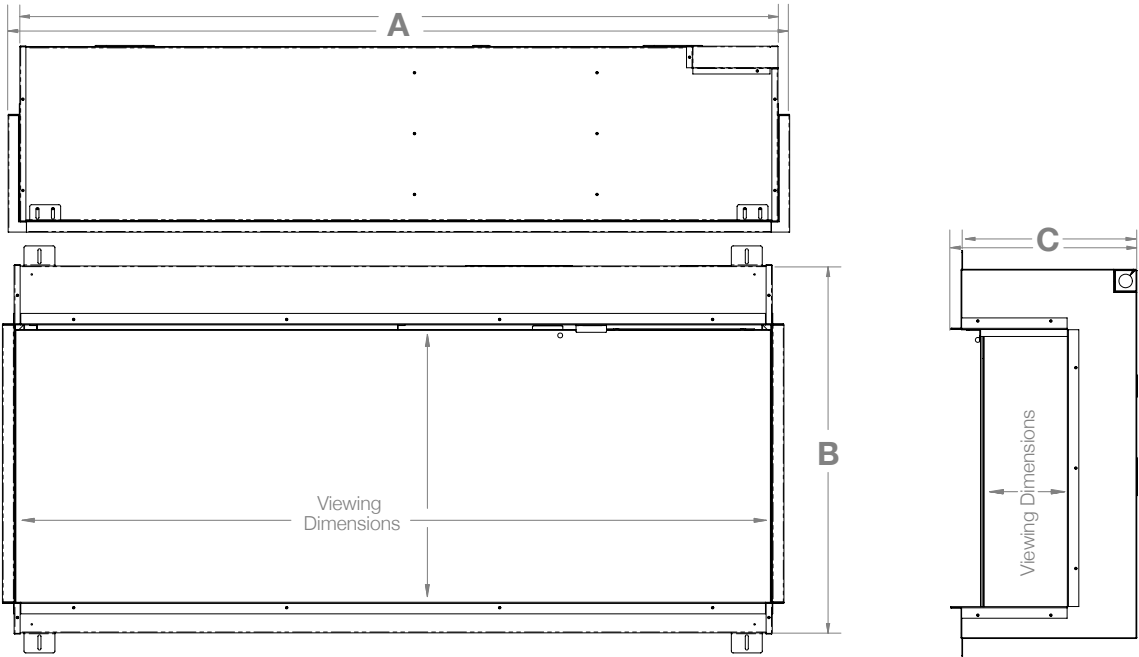
**END OF SECTION**



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Notes:

Product Dimensions:



| Product XLF10017-XD | A WIDTH (in/cm) | B HEIGHT (in/cm) | C DEPTH (in/cm) | VIEWING DIMENSION - WxHxD (in/cm)             |
|---------------------|-----------------|------------------|-----------------|-----------------------------------------------|
| Bay Install         | 100-3/4 (255.9) | 23-7/8 (60.7)    | 12-1/8 (30.6)   | 99-1/8 x 16-1/8 x 5-1/2 (251.7 x 40.9 x 14.0) |
| Front Install       | 99-3/4 (253.4)  |                  | 11-3/8 (28.9)   |                                               |

Installation Instructions

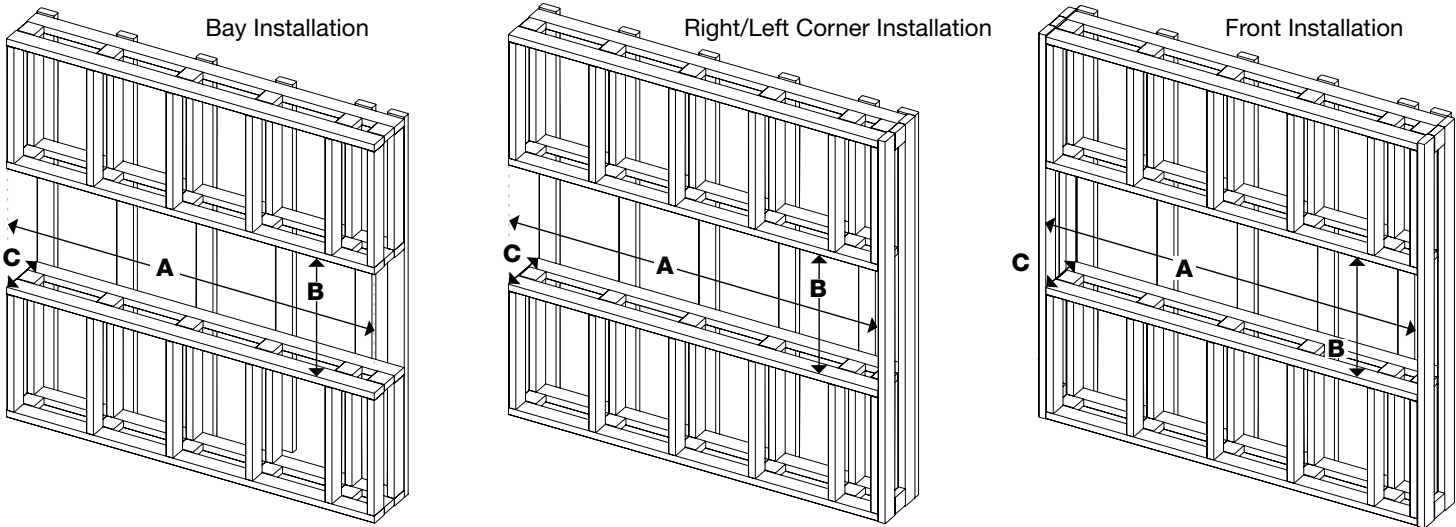
| Width A            | Height B          | Depth (mininum) C |
|--------------------|-------------------|-------------------|
| 99-3/4" (253.4 cm) | 24-1/4" (61.6 cm) | 11-5/8" (29.5 cm) |

The dimensions are the same for single-sided, two-sided, or three-sided installations.

**CAUTION:** This fireplace is **NOT** load-bearing. Ensure the opening for the fireplace is framed in such a way that the weight of the building materials will not create pressure on the top of the fireplace.

**NOTE:** Wiring is performed at the top right back corner of the firebox. Plan the framing to allow routing the power cable to this location.

**NOTE:** It is recommended that the bottom of the unit be mounted between 5" (13 cm) and 40" (102 cm) from the ground to maintain an optimized viewing angle of the flame.



## Framing / Installation:

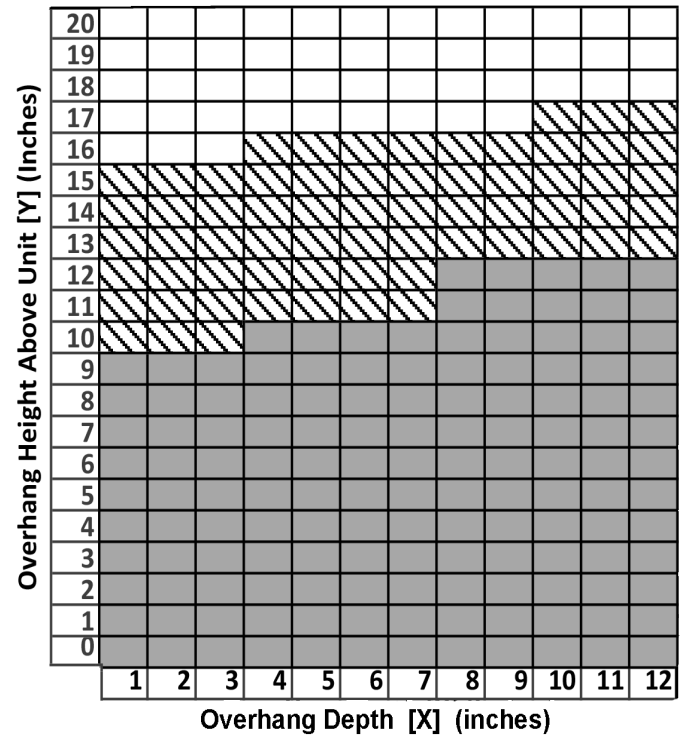
### Installation Recommendations for Overhanging Objects

For overhanging temperature-sensitive objects, such as a television, a mantel, or artwork, always follow the recommendations provided by its manufacturer for installation over a heater.

Figure 1 provides the overhang clearance recommendations for the fireplace. Areas above the fireplace are marked as follows:

- Solid gray box (■) is subject to temperatures greater than 65°C (149° F).
- Hatched box (▨) is subject to temperatures greater than 40°C (104° F).
- Clear box (□) is subject to temperatures less than 40°C (104° F).

Figure 1



### Outdoor Installation

This electric fireplace is suitable for installation in outdoor areas, sheltered by an overhang to protect against direct water ingress. Installation on ground-fault protected circuit is recommended. All electrical connections and routings shall be in accordance with local building code requirements.

To maintain warranty coverage, the overhang must follow this rule:

- Maximum Height  $\leq 3 \times$  Projection Length, where:
- Maximum Height is measured vertically from the bottom of the fireplace to the bottom edge of the overhang
- Projection Length is measured from the exposed face of the fireplace to the parallel edge of the overhang
- For example, if the overhang is 9 feet above the bottom of the fireplace, it must extend a least 3 feet outwards on all sides

Figure 2

