

## 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 manufacturers 2 year limited warranty on electrical components.

### PART 2 PRODUCTS

#### 2.1 ACCEPTABLE MANUFACTURERS

- A. Pre-fabricated Electric Fireplace:
  - 1. Base: Dimplex Electric Fireplace
    - Dimplex North America
    - 1367 Industrial Road
    - Cambridge ON N1R 7G8
    - 1-888-DIMPLEX
    - www.dimplex.com
    - archdesign@dimplex.com



Cat. No. BLF5051

Notes

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2. Substitutions not permitted
3. Requests for substitutions will be considered in accordance with provisions of Section 01600.

### 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 Linear Electric Fireplace
    - b) Model Number: BLF5051
  2. Description: Realistic 50" wall-mounted linear electric fireplace
  3. Dimensions:
    - a) Width: 50-1/4" / 1276mm
    - b) Height: 19-1/2" / 494mm
    - c) Depth: 7" / 178mm
  4. Framing Dimensions:

*Partially Recessed (2x4 framing):*

    - a) Width: 46-1/2" / 1181mm
    - b) Height: 16-1/2" / 420mm
    - c) Depth: 3-1/2" / 88.9mm

*Fully Recessed (2x8 framing, or equivalent):*

    - a) Width: 49" / 1245mm
    - b) Height: 18-1/2" / 470mm
    - c) Depth: 7-1/4" / 184.15mm
  5. Electrical:
    - d) Volts: 120
    - e) Watts: 1,230
    - f) BTUs: 4,198
    - g) Amps: 10.3
  6. Venting: Non-venting
  7. Operation: Flame only, flame and heat
  8. Heating: Louver-less, fan-forced circulation
  9. Liner: Steel
  10. Standard features:
    - a) Flame/ember bed on/off
    - b) Acrylic crystal ember bed with sparkle effect
    - c) LED flame technology
    - d) Pre-set and custom color effects
    - e) On-demand fan-forced heater with thermostat; heater deactivation
    - f) Hard wire capabilities - 120V
    - g) On-screen display
    - h) Sleep timer

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11. Optional Media Bed Accessories:
  - a) Driftwood and river rock accessory package  
(includes one large and one small piece of driftwood, with loose rocks)
12. Optional Trim Kits:
  - a) Cohesion Surround – Black
  - b) Cohesion Surround – Burnished Walnut
13. Control options:
  - a) Multi-function remote control
  - b) Built-in membrane controls (Flame on/off, heat on/off, thermostat, colour options)

### 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).

#### 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**