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

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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: BLF3451
   2. Description: Realistic 34” wall-mounted linear electric fireplace
   3. Dimensions:
      a) Width: 34-1/4” / 867mm
      b) Height: 19-1/2” / 494mm
      c) Depth: 7” / 178mm
   4. Framing Dimensions:
      Partially Recessed (2x4 framing):
      a) Width: 30-1/2” / 775mm
      b) Height: 16-1/2” / 420mm
      c) Depth: 3-1/2” / 88.9mm
      Fully Recessed (2x8 framing, or equivalent):
      a) Width: 33” / 838mm
      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 piece of driftwood and loose rocks)

12. 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