

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 - 60065
- B. CSA - C22.2 No. 60065
- C. IEC60065

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 Electric Fireplace
 - b) Model Number: VF5452L
 2. Description: 54" High definition virtual Electric Fireplace with wood fire sound effects
 3. Dimensions:
 - a) Width: 54.3" / 1380mm
 - b) Height: 17.7" / 450mm
 - c) Depth: 13.6" / 345mm
 4. Framing Dimensions:
 - a) Width: 51.7" / 1313mm
 - b) Height: 9.7" / 246mm
 - c) Depth: 15" / 381mm
 5. Electrical:
 - a) Volts: 110 / 120V
 - b) Watts: 64
 - c) Amps: 0.53
 6. Venting: Non-venting
 7. Operation: Flame only (no heat)
 8. Heating: N/A
 9. Standard features:
 - a) Extremely low energy LEDs in the fuel bed and lighting
 - b) Three dimensional flame technology
 - c) Two sets of inner glow LED logs (visible and reflected) that create patented 3D illusion of virtual flames
 - d) Wood fire sound effects
 - e) Actual flame footage rendered in high definition
 - f) Direct wire – 120 / 240V
 - g) Components serviceable through viewing aperture
 10. Control options:
 - a) Built-in on/off and volume control switches
 - b) Multi-function remote control, with sound effect volume control
 - c) Wall switch remote control kit
 - d) 110/120V plug kit

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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