

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 Electric Fireplace
 - b) Model Number: BF39STP
 2. Description: Realistic 39" Direct-wire electric fireplace
 3. Dimensions:
 - a) Width: 38-3/4"
 - b) Height: 32-3/4"
 - c) Depth: 15-1/4"
 - d) Height at back: 30-1/8"
 4. Framing Dimensions:
 - a) Width: 39-1/2"
 - b) Height: 33-1/2"
 - c) Depth: 16"
 5. Electrical:
 - a) Volts: 120 / 240 / 208
 - b) Watts: 1,440 / 2,700 / 2,100
 - c) BTUs: 5,000 / 9,200 / 7,200
 - d) Amps: 12.0 / 11.3 / 10.1
 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) Purifire[®] Air Treatment System
 - c) Direct wire 120V or 240V
 - d) 3D flame effect with mirrored rear glass
 - e) On-demand fan-forced heater
 - f) Operable mesh spark screens
 - g) Cast urethane, inner-glow logs and pulsing ember bed
 11. Optional door kits:
 - a) Tamper-proof glass door

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- b) Bi-fold look glass door
- c) Swing door
- 12. Optional trim kit: 3" black surround trim
- 13. Control options:
 - a) 3-stage remote control (flame, flame and half-heat, flame and full-heat)
 - b) Wall switch remote control kit
 - c) Wall-mount thermostat
 - d) 110/120V plug kit with 7 ft. cord

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