



Order No. 500005301
Model No. QST48

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.

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 Quest Electric Firebox
- b) Material Number: 500005301
- c) Model Number: QST48
- d) Regulatory model number: 6914630400

2. Description: 48" Electric Firebox

3. Dimensions:

- a) Width: 48-5/8" / 124.3 cm
- b) Height: 36-5/8" / 93.0 cm
- c) Depth: 17-1/2" / 44.5 cm

4. Framing Dimensions:

- a) Width: 48-3/4" / 123.9 cm
- b) Height: 37-1/8" / 94.3 cm
- c) Depth: 18" / 45.8 cm

5. Weight:

- a) Product: 220 lbs / 100 kg
- b) Packaged: 242 lbs / 110 kg

6. Electrical:

- a) Volts: 240 / 120
- b) Watts: 2500 / 1500
- c) BTUs: 8530 / 5118
- d) Amps: 10.4 / 12.5

7. Venting: Non-venting

8. Operation: Flame only, flame and heat, heat only

9. Heating: Fan-forced circulation with option to permanently disable the heater

10. Liner: Steel

11. Standard features:

- a) Exclusive Multi-Fire® Flame Effect for a stunning, lifelike fire experience.
- b) Glowing loose log set with quick-connect installation and pulsating ember bed for authentic ambience.
- c) Designed for versatile installation with front-facing, right-corner, left-corner, and bay-style options. Trim Installation Kit required (sold separately) for bay or corner installations.
- d) Flame Connect App takes the increased options of the remote and makes the personalization endless.

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- e) One built-in crackling flame sound controlled from the remote, with additional sound options available through the Flame Connect App to enhance the ambience of the fire.
- f) Hardwire capabilities - 120 V, 240 V.
- g) Onboard controls and wall-mountable remote.
- h) Built-in Timer - Set for up to 8 hours.
- i) Equipped with integrated self-diagnostic technology that provides maintenance and operation feedback.

12. Control options:

- a) Flame Connect mobile app
- b) Multi-function remote control with wall-mount
- c) Onboard controls (standby, heat, link)
- d) Built-in power switch

13. Optional Accessories:

- a) Side Trim Kit - 500005394
- b) 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 Wi-Fi connection is available.
- F. To install with no heat, refer to user manual (PN, 7216840100).

3.4 PROTECTION

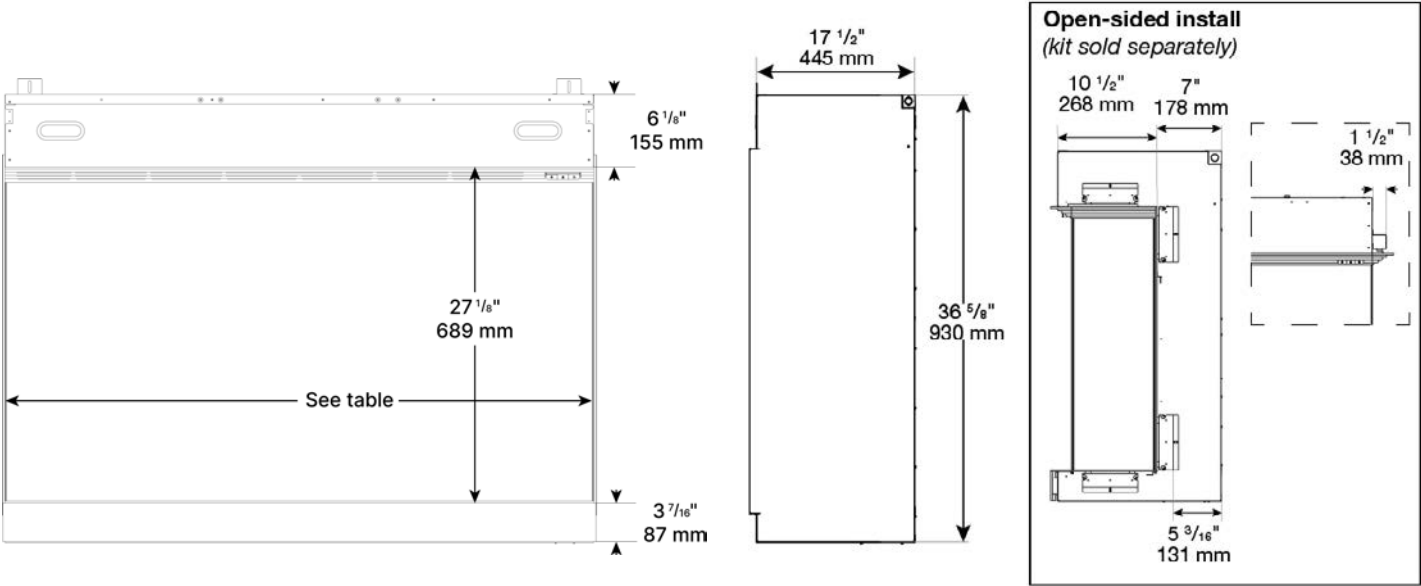
- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.



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Notes:

Product Dimensions



Product QST48	A Width (in/cm)	B Height (in/cm)	C Depth (in/cm)	Viewing Dimension - W x H x D (in/cm)
Front Install	48-5/8 (124.3)	36-5/8 (93.0)	17-1/2 (44.5)	48-5/8 × 27-1/8 × 8-3/4 (124.3 × 68.9 × 22.4)

Product Dimensions

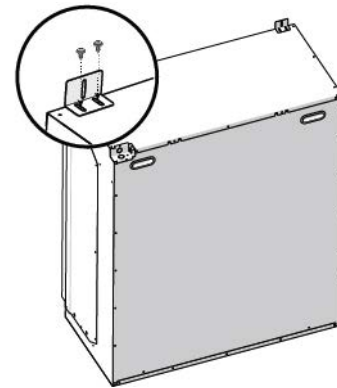
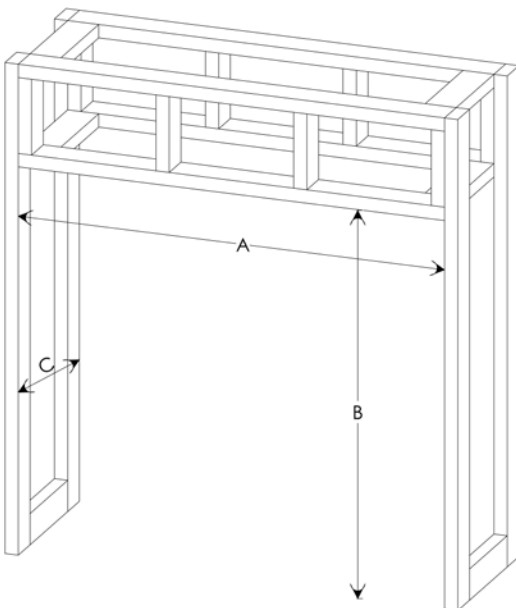
Framing Dimensions

Prepare a wall with a framed opening, following the dimensions in the table.

Model	Width A	Height B	Depth C
QST30-AM	30-3/4" 78.2 cm	37-1/8" 94.3 cm	18" 45.8 cm
QST36-AM	36-3/4" 93.4 cm		
QST42-AM	42-3/4" 108.6 cm		
QST48-AM	48-3/4" 123.9 cm		

⚠ 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 connections are located at the back of the firebox, in the top right corner.



Install the mounting brackets to the top of the firebox with the black screws provided.