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.

Dimplex®

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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).

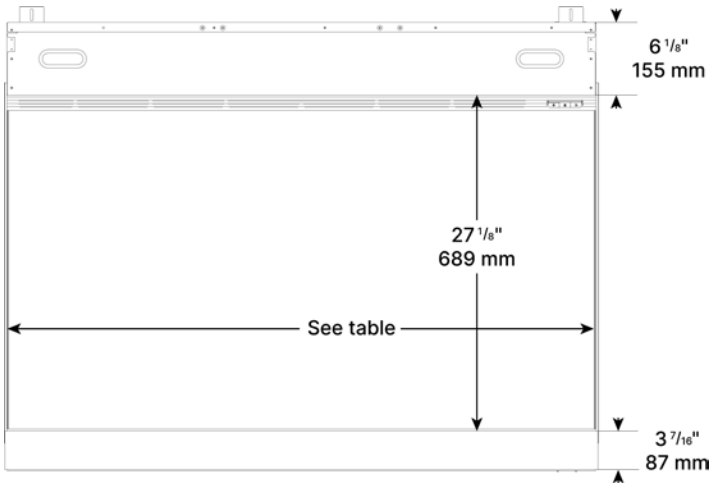
3.4 PROTECTION

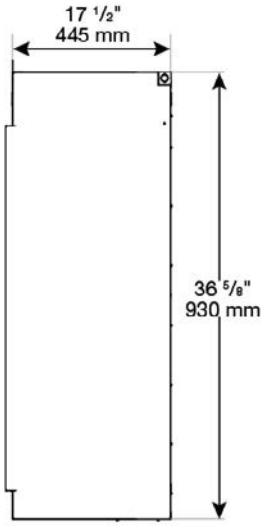
A. Protect installed products until completion of project.
B. Touch-up, repair or replace damaged products before Substantial Completion.

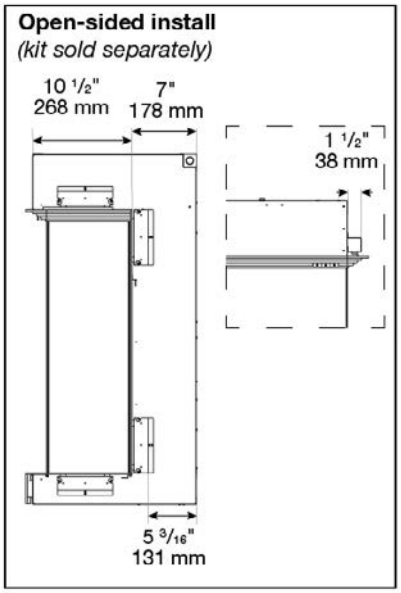
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Notes:

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)

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Notes:

Product Dimensions

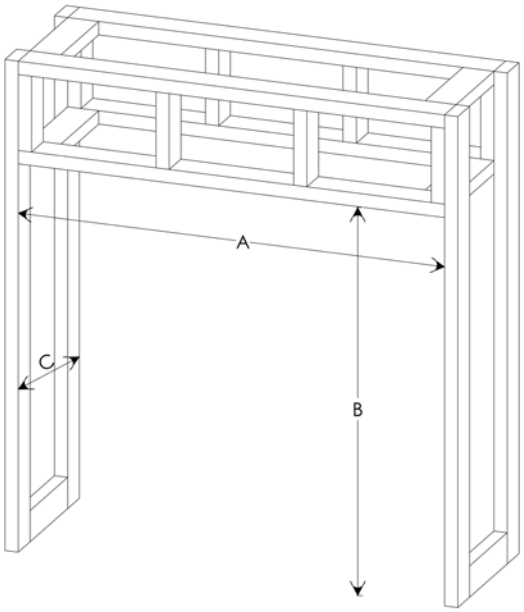
Framing Dimensions

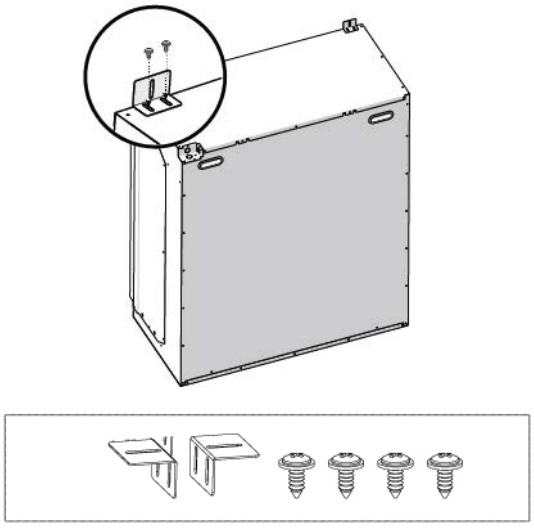
Prepare a wall with a framed opening, following the dimensions in the table.

Model	Width	Height	Depth
	A	B	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.

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