



Order No. 500003149
Model No. ULT50

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 Ultra Linear Electric Firebox
- b) Material Number: 500003149
- c) Model Number: ULT50
- d) Regulatory model number: 6914190200

2. Description: 50" Linear Electric Fireplace

3. Dimensions (Based on Front, without Trim):

- a) Width: 50-5/8" / 128.5 cm
- b) Height: 27-1/2" / 69.9 cm
- c) Depth: 14-1/2" / 36.9 cm

4. Framing Dimensions:

- a) Width: 50-3/4" / 129.0 cm
- b) Height: 28" / 71.2 cm
- c) Depth: 15" / 38.2 cm

5. Weight:

- a) Product: 92.0 lbs / 41.7 kg
- b) Packaged: 187.4 lbs / 85.0 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

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

10. Liner: Steel

11. Standard features:

- a) The Flex Flame feature allows for a simple swap between the Dynamic-Fire Flame Effect and Multi-Fire Flame Effect.
- b) Quick connect, rhythmic logs with inner glow technology.
- c) Seamless installation. Enjoy true design versatility with your choice of four installation options in one fireplace: front-facing, left-corner, right-corner, or bay-style.
- d) Flame Connect App unlocks expanded customization, including additional flame color options, for a personalized fireplace experience.



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- e) Enhance ambience with crackling fire sound via the remote, with more options available in the Flame Connect App.
- f) Hardwire capabilities - 120 V, 240 V.
- g) Onboard controls and wall-mountable (optional) 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 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, 7216830100).

3.4 PROTECTION

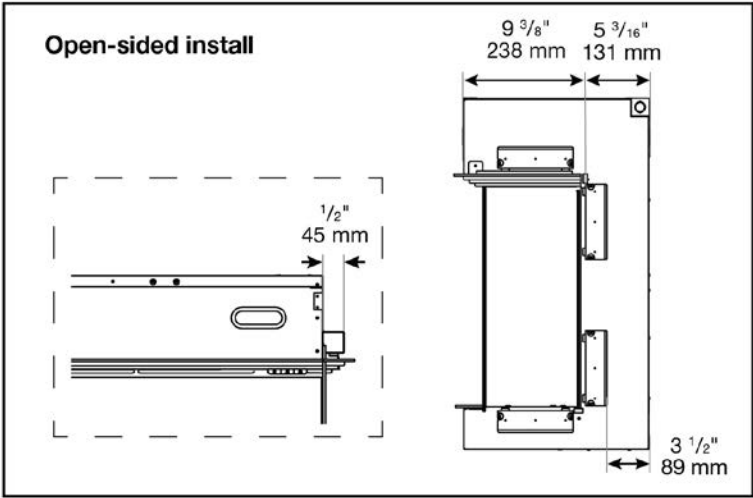
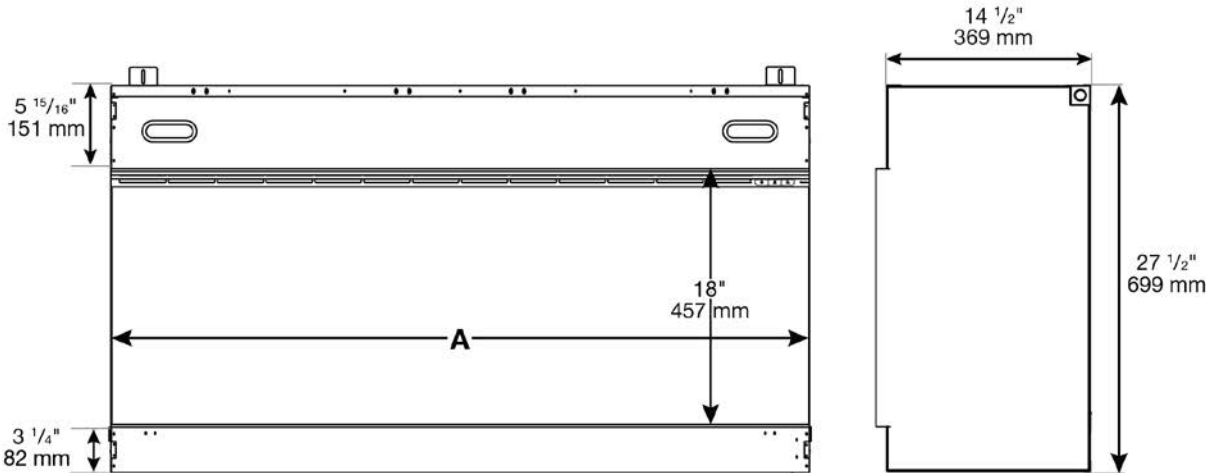
- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.



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Product Dimensions



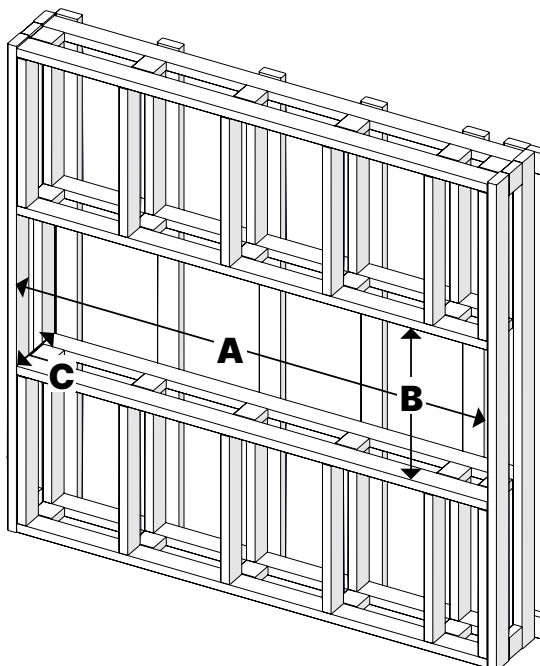
Product ULT50	A Width (in/cm)	B Height (in/cm)	C Depth (in/cm)	Viewing Dimension - W x H x D (in/cm)
Bay Install with Trim	54-5/8 (138.7)	27-1/2 (69.9)	14-1/2 (36.9)	50 x 18 x 7-11/16 (127.0 x 45.7 x 19.5)
Front Install	50-5/8 (128.5)	27-1/2 (69.9)	14-1/2 (36.9)	50 x 18 x 7-11/16 (127.0 x 45.7 x 19.5)

Product Dimensions

Framing Dimensions

Prepare a wall with a framed opening, following the dimensions in the table. For linked installation, add widths of fireplaces used.

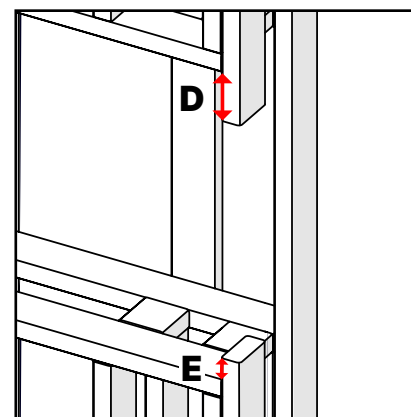
Model	Width	Height	Depth
	A	B	C
ULT50	50-3/4" 129.0 cm	28" 71.2 cm	15" 38.2 cm
ULT60	60-3/4" 154.4 cm		
ULT74	74-3/4" 189.9 cm		
ULT88	88-3/4" 225.5 cm		
ULT100	100-3/4" 256.0 cm		



⚠ 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.

Open-Sided Install	
D	E
3-1/2" 9.0 cm	1" 2.5 cm



Alternate view for open-sided installation.