Dimplex®

Order No.	**500005119**
Model No.	**SEN50 (Vital Sense 50 inch)**

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 1-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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Section 10309 - Manufactured Electric Fireplaces

2.2 ELECTRIC FIREPLACES

A. General:

1. Provide all components and accessories required for a complete, functional unit.
2. cETLus listed, control number 4002964

B. Pre-fabricated Electric Fireplace:

1. Base Product:

a) Dimplex Vital Sense Linear Electric Fireplace
b) Material Number: 500005119
c) Regulatory model number: SEN50

2. Description: Vital Sense 50" linear electric fireplace

3. Dimensions:

a) Width: 50-3/8" / 127.9 cm
b) Height: 19-1/2" / 49.5 cm
c) Depth: 6-3/4"/ 17.2 cm

4. Framing Dimensions:

a) Width: 48-5/8" / 123.5 cm
b) Height: 18-1/2" / 46.9 cm
c) Depth: 7-3/4" / 19.7 cm

5. Weight:

a) Product: 61.4 lbs / 28.0 kg
b) Packaged: 88.0 lbs / 40.0 kg

6. Electrical:

a) Volts: 120
b) Watts: 1,500
c) BTUs: 5118
d) Amps: 12.5

7. Venting: Non-venting

8. Operation: Flame only, flame and heat

9. Heating: Louver-less, fan-forced circulation

10. Liner: Steel

11. Standard features:

a) A new multi-layered color effect creates a sense of depth with 13 different flame color settings and seven different media theme colors.
b) Flame speed cycles available as minimum (F1), medium (F2), and maximum (F3), and flame brightness available as low, medium or high.
c) The media bed includes tumbled glass.
d) LED flame technology.
e) Hardwire capabilities - 120 V plug kit included.
f) Built-in touch controls.

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g) Built-in Timer - Set for up to 8 hours.
h) Seamless installation and edge to edge glass.

12. Control options:

a) Glen Dimplex Connect app connectivity.
b) Multi-function remote control.
c) Built-in touch controls (Standby, heat mode, temperature, flame color, media color, connectivity).

13. Optional Accessories:

a) Thin Split Logs Faux Wood Logset- 500005655

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.

3.4 PROTECTION

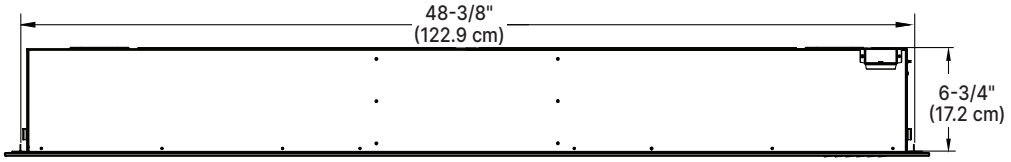
A. Protect installed products until completion of project.
B. Touch-up, repair or replace damaged products before Substantial Completion.

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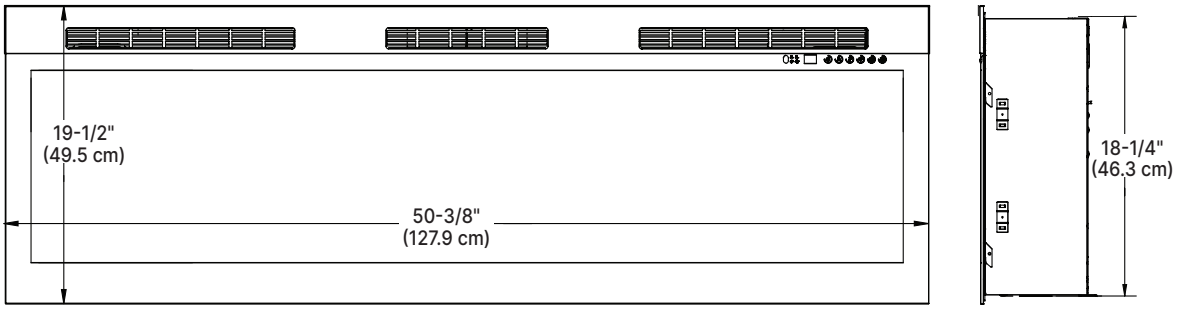
Notes:

Product Dimensions

TOP - NO GLASS



FRONT - WITH GLASS



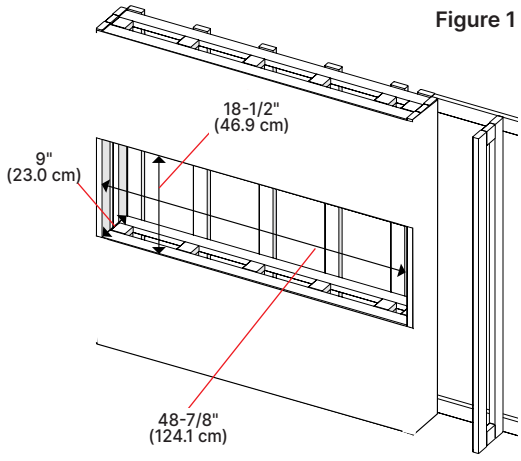
VIEWING DIMENSIONS: 47" (119.2 cm) wide x 12-5/8" (31.9 cm) high

Framing / Installation:

Prepare a wall with a framed opening, following the dimensions shown in Figure 1.

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. Decorative finishing material (such as brick) should be limited to ½" (13 mm) overhang to ensure adequate flow of heated air out of the firebox area.

Figure 1



NOTE: Two people are required for installation.

NOTE: This fireplace can also be wall mounted with brackets included (shown in Figure 2 and 3). Ensure it is supported by wall studs.

Figure 2

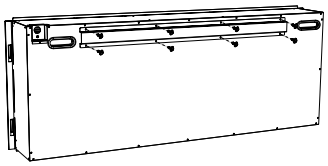
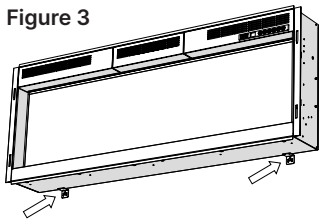


Figure 3



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