



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](http://www.dimplex.com)
  2. Substitutions not permitted
  3. Requests for substitutions will be considered in accordance with provisions of Section 01600.



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

Notes:

## 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: Realistic 50" linear electric fireplace

##### 3. Dimensions:

- a) Width: 50-3/8" / 127.9 cm
- b) Height: 19-1/2" / 49.4 cm
- c) Depth: 7-1/8" / 18.1 cm

##### 4. Framing Dimensions:

- a) Width: 48-7/8" / 124.1 cm
- b) Height: 18-1/2" / 46.9 cm
- c) Depth: 9" / 23.0 cm

##### 5. Weight:

- a) Product Weight: 61 lbs / 28 kg
- b) Packaged Weight: 88 lbs / 40 kg

##### 6. Electrical:

- a) Volts: 120 V
- b) Watts: 1500 W
- 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.



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

Notes:

## Section 10309 - Manufactured Electric Fireplaces

- c) The media bed includes tumbled glass
- d) LED flame technology
- e) Hard wire capabilities - 120V plug kit included
- f) Built-in touch controls
- 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 hidden controls (Standby, heat mode, temperature, flame color, media color, connectivity)

13. Optional Accessories:

- a) Realistic log set Material No. 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 WiFi 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.

**END OF SECTION**

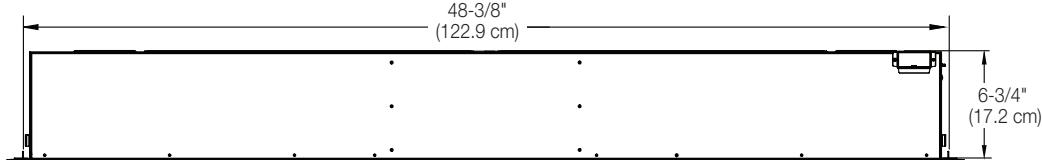


Order No. 500005119  
Model No. SEN50 (Vital Sense 50 inch)

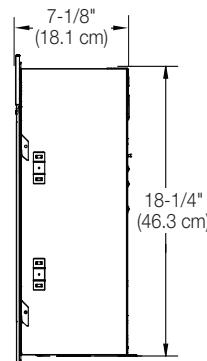
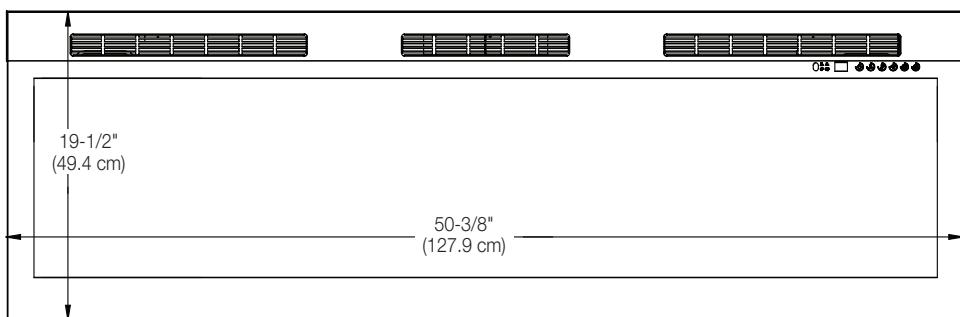
Notes:

## 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:

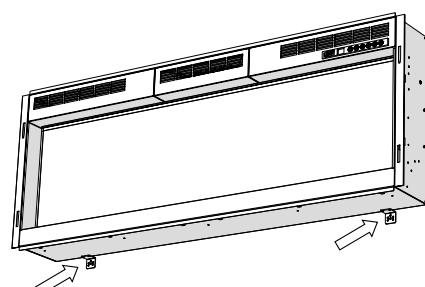
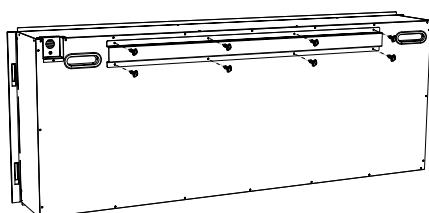
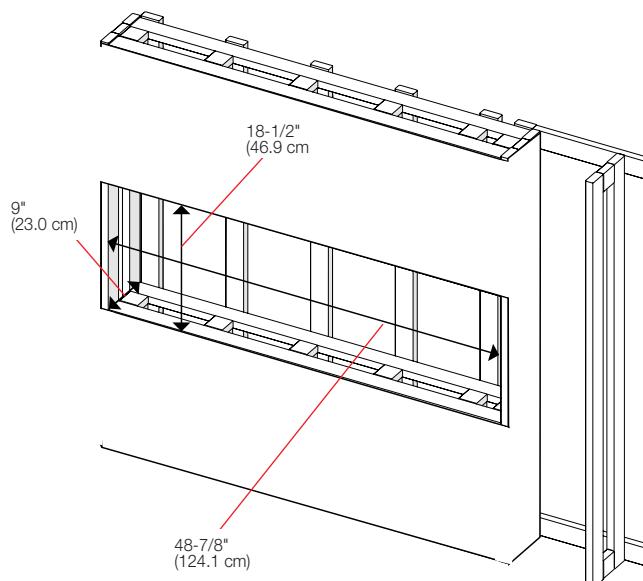
**NOTE:** Two people are required for installation.

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

**⚠ CAUTION:** Decorative finishing material (such as brick) should be limited to 1/2" (13 mm) overhang to ensure adequate flow of heated air out of the firebox area.

**⚠ 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:** This fireplace can also be wall mounted with brackets included (see below). Ensure it is supported by wall studs.





Order No. 500005120  
Model No. SEN60 (Vital Sense 60 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](http://www.dimplex.com)
  2. Substitutions not permitted
  3. Requests for substitutions will be considered in accordance with provisions of Section 01600.



Order No.	500005120
Model No.	SEN60 (Vital Sense 60 inch)
Notes:	

## 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: 500005120
- c) Regulatory model number: SEN60

##### 2. Description: Realistic 60" linear electric fireplace

##### 3. Dimensions:

- a) Width: 60-3/8" / 153.3 cm
- b) Height: 19-1/2" / 49.4 cm
- c) Depth: 7-1/8" / 18.1 cm

##### 4. Framing Dimensions:

- a) Width: 58-7/8" / 149.5 cm
- b) Height: 18-1/2" / 46.9 cm
- c) Depth: 9" / 23.0 cm

##### 5. Weight:

- a) Product Weight: 72 lbs / 33 kg
- b) Packaged Weight: 101 lbs / 46 kg

##### 6. Electrical:

- a) Volts: 120 V
- b) Watts: 1500 W
- 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.



Order No. **500005120**  
Model No. **SEN60 (Vital Sense 60 inch)**

Notes:

## Section 10309 - Manufactured Electric Fireplaces

- c) The media bed includes tumbled glass
- d) LED flame technology
- e) Hard wire capabilities - 120V plug kit included
- f) Built-in touch controls
- 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 hidden controls (Standby, heat mode, temperature, flame color, media color, connectivity)

13. Optional Accessories:

- a) Realistic log set Material No. 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 WiFi 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.

**END OF SECTION**



Order No. 500005120  
Model No. SEN60 (Vital Sense 60 inch)

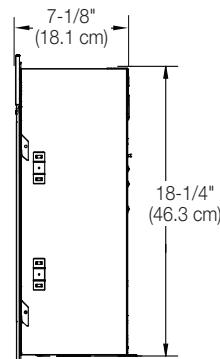
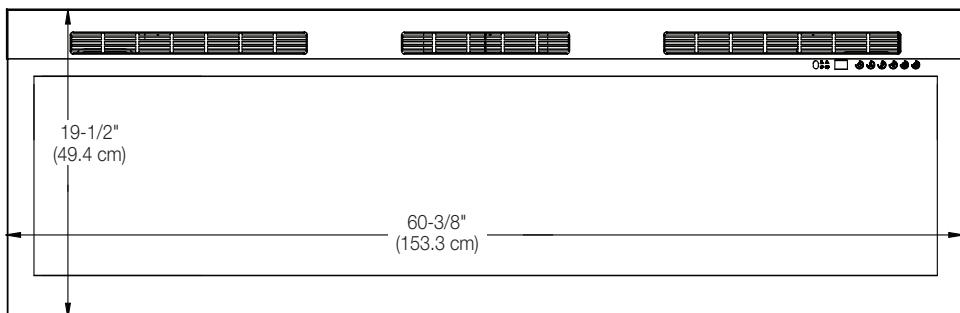
Notes:

## Product Dimensions:

TOP - NO GLASS



FRONT - WITH GLASS



VIEWING DIMENSIONS: 57" (144.6 cm) wide x 12-5/8" (31.9 cm) high

## Framing / Installation:

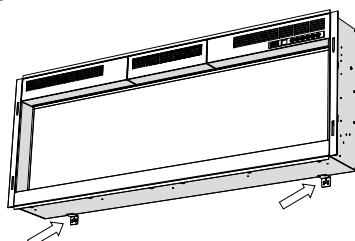
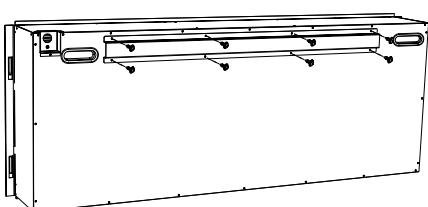
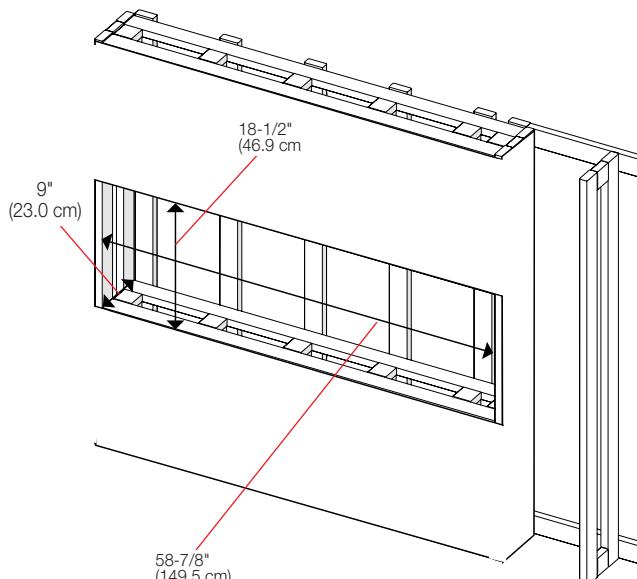
**NOTE:** Two people are required for installation.

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

**⚠ CAUTION:** Decorative finishing material (such as brick) should be limited to 1/2" (13 mm) overhang to ensure adequate flow of heated air out of the firebox area.

**⚠ 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:** This fireplace can also be wall mounted with brackets included (see below). Ensure it is supported by wall studs.





Order No. 500005121  
Model No. SEN74 (Vital Sense 74 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](http://www.dimplex.com)
  2. Substitutions not permitted
  3. Requests for substitutions will be considered in accordance with provisions of Section 01600.



Order No. 500005121  
Model No. SEN74 (Vital Sense 74 inch)

Notes:

## 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: 500005121
- c) Regulatory model number: SEN74

##### 2. Description: Realistic 74" linear electric fireplace

##### 3. Dimensions:

- a) Width: 74-1/4" / 188.5 cm
- b) Height: 19-1/2" / 49.4 cm
- c) Depth: 7-1/8" / 18.1 cm

##### 4. Framing Dimensions:

- a) Width: 72-7/8" / 185.1 cm
- b) Height: 18-1/2" / 46.9 cm
- c) Depth: 9" / 23.0 cm

##### 5. Weight:

- a) Product Weight: 84 lbs / 38 kg
- b) Packaged Weight: 115 lbs / 52 kg

##### 6. Electrical:

- a) Volts: 120 V
- b) Watts: 1500 W
- 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.



Order No. **500005121**  
Model No. **SEN74 (Vital Sense 74 inch)**

Notes:

## Section 10309 - Manufactured Electric Fireplaces

- c) The media bed includes tumbled glass
- d) LED flame technology
- e) Hard wire capabilities - 120V plug kit included
- f) Built-in touch controls
- 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 hidden controls (Standby, heat mode, temperature, flame color, media color, connectivity)

13. Optional Accessories:

- a) Realistic log set Material No. 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 WiFi 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.

**END OF SECTION**

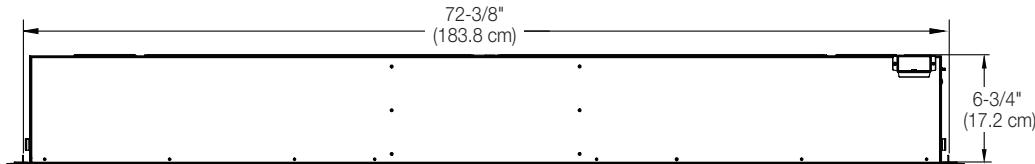


Order No. 500005121  
Model No. SEN74 (Vital Sense 74 inch)

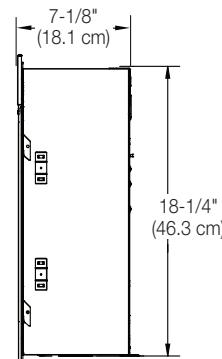
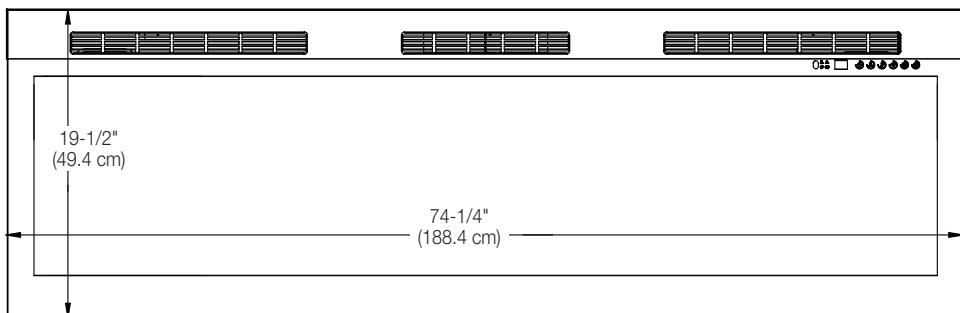
Notes:

## Product Dimensions:

TOP - NO GLASS



FRONT - WITH GLASS



VIEWING DIMENSIONS: 70-7/8" (180.0 cm) wide x 12-5/8" (31.9 cm) high

## Framing / Installation:

**NOTE:** Two people are required for installation.

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

**CAUTION:** Decorative finishing material (such as brick) should be limited to 1/2" (13 mm) overhang to ensure adequate flow of heated air out of the firebox area.

**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:** This fireplace can also be wall mounted with brackets included (see below). Ensure it is supported by wall studs.

