



SECTION 10 31 00
MANUFACTURED ELECTRIC FIREPLACES

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1.1 SECTION INCLUDES

- A. Manufactured electric fireplaces.
- B. Fireplace mantels and fireplace surrounds.
- C. Fireplace accessories.

1.2 RELATED SECTIONS

- A. Section 04 20 00 - Unit Masonry.
- B. Section 06 10 00 - Rough Carpentry.
- C. Section 22 14 13 - Facility Storm Drainage Piping.
- D. Section 26 05 00 - Common Work Results for Electrical.

1.3 REFERENCES

- A. NFPA - 70 - National Electric Code.
- B. UL 2021 (4nd Edition) - Standard for Fixed and Location-Dedicated Electric Room Heater
- C. CSA C22.2 No 46-2013 – Electric Air Heaters

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- 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. Shop Drawings: Provide drawing of required clearances, rough-in of enclosure and utilities.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and finishes.
- E. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 5 year experience manufacturing similar products.
- B. Installer Qualifications: Minimum 2 year experience installing similar products.

- C. Multiple Installation Mock-Up: Provide a mock-up for evaluation of site and framing preparation techniques and installation workmanship.
 - 1. Provide representative fireplace in area designated by Architect.
 - 2. Do not proceed with remaining units until workmanship, installation and operation are approved by Architect.
 - 3. Remake mock-up unit as required to produce acceptable work.

1.6 PRE-INSTALLATION MEETINGS

- A. Convene minimum two weeks prior to starting work of this section.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- B. Handling: Handle materials to avoid damage.

1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.9 SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

1.10 WARRANTY

- A. Warranty: Provide manufacturer's standard warranty against defects in materials and workmanship.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: SimpliFire® by Hearth & Home Technologies which is located at: 7571 215th St. W.; Lakeville, MN 55044; Toll Free Tel: 800-669-HEAT (4328); Email: [requestinfo \(swansonm@hearthnhome.com\)](mailto:requestinfo@swansonm@hearthnhome.com); Web: SimpliFire.com
- B. ** NOTE TO SPECIFIER ** Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.
- C. Substitutions: Not permitted.
- D. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.2 MANUFACTURED ELECTRIC FIREPLACES

- A. General:
 - 1. Comply with applicable building codes.
 - 2. UL listed.
- B. SimpliFire Allusion Series Electric Linear Fireplace:
 - 1. 100% efficient, adjustable heat.

2. Multi-colored LED backlighting.
3. Multiple intensity adjustments.
4. Remote Control: Multi-function remote (Visual).
5. Remote Control: Multi-function remote (Push Button)
6. Firebed Material – White Stones
7. Firebed Material – Logs
8. Trim Skirt (For Semi- Recessed Installations Only)
9. Model Allusion 40 Electric Linear Fireplace
 - a. Front Width: 40-5/16" [1024]
 - b. Framing Front Width: 36" [914]
 - c. Back Width: 35" [889]
 - d. Framing Back Width: 36" [914]
 - e. Front Height: 20-1/4" [515]
 - f. Framing Front Height: 18-1/8" [461]
 - g. Back Height: 17-13/16" [452]
 - h. Framing Back Height: 18-1/8" [461]
 - i. Depth: 5-15/16" [151]
 - j. Framing Depth: 2x6 or 2x4
 - k. Glass Viewing Area Size: 31-3/8" x 11-1/4" [797 x 286]
 - l. BTU/Hour Input: 5,000
10. Model Allusion 48 Electric Linear Fireplace
 - a. Front Width: 48-7/16" [1230]
 - b. Framing Front Width: 44-5/16" [1126]
 - c. Back Width: 42-13/16" [1088]
 - d. Framing Back Width: 44-5/16" [1126]
 - e. Front Height: 20-1/4" [515]
 - f. Framing Front Height: 18-1/8" [461]
 - g. Back Height: 17-13/16" [452]
 - h. Framing Back Height: 18-1/8" [461]
 - i. Depth: 5-15/16" [151]
 - j. Framing Depth: 5-15/16" [151]
 - k. Glass Viewing Area Size: 39-3/8" x 11-1/4" [1000 x 285]
 - l. BTU/Hour Input: 5,000
11. Model Allusion 60 Electric Linear Fireplace
 - a. Front Width: 60-1/4" [1530]
 - b. Framing Front Width: 56-1/8" [1426]
 - c. Back Width: 54-5/8" [1388]
 - d. Framing Back Width: 56-1/8" [1426]
 - e. Front Height: 20-1/4" [515]
 - f. Framing Front Height: 18-1/8" [461]
 - g. Back Height: 17-13/16" [452]
 - h. Framing Back Height: 18-1/8" [461]
 - i. Depth: 5-15/16" [151]
 - j. Framing Depth: 2x6 or 2x4
 - k. Glass Viewing Area Size: 2x6 or 2x4
 - l. BTU/Hour Input: 5,000
12. Model Allusion 84 Electric Linear Fireplace
 - a. Front Width: 2x6 or 2x4
 - b. Framing Front Width: 2x6 or 2x4
 - c. Back Width: 78-1/4" [1988]
 - d. Framing Back Width: 79-1/2" [2019]
 - e. Front Height: 20-1/4" [515]
 - f. Framing Front Height: 18-1/8" [461]
 - g. Back Height: 17-13/16" [452]
 - h. Framing Back Height: 18-1/8" [461]
 - i. Depth: 5-15/16" [151]

- j. Framing Depth: 2x6 or 2x4
 - k. Glass Viewing Area Size: 74-7/8" x 11-1/4" [1902 x 286]
 - l. BTU/Hour Input: 5,000
- C. SimpliFire Allusion Platinum Series Electric Linear Fireplace
 - 1. 100% efficient, adjustable heat.
 - 2. Multi-colored LED backlighting.
 - 3. Multiple intensity adjustments.
 - 4. Remote Control: Multi-function remote (Visual).
 - 5. Remote Control: Multi-function remote (Push Button)
 - 6. Firebed Material – Stones
 - 7. Firebed Material – Logs
 - 8. Wall Mount Kit (For non-structural installs only)
 - 9. Model Allusion Platinum 50 Electric Linear Fireplace
 - a. Front Width: 52-5/16" [1329]
 - b. Framing Front Width: 51" [1295]
 - c. Back Width: 50-1/2" [1283]
 - d. Framing Back Width: 51" [1295]
 - e. Front Height: 20-7/16" [519]
 - f. Framing Front Height: 19-1/2" [495]
 - g. Back Height: 19-3/8" [492]
 - h. Framing Back Height: 19-1/2" [495]
 - i. Depth: 5-5/8" [143]
 - j. Framing Depth: 2x6
 - k. Glass Viewing Area Size: 48" x 15" [1219 x 381]
 - l. BTU/Hour Input: 5,000
 - 10. Model Allusion Platinum 60 Electric Linear Fireplace
 - a. Front Width: 62-5/16" [1583]
 - b. Framing Front Width: 61" [1549]
 - c. Back Width: 60-1/2" [1537]
 - d. Framing Back Width: 61" [1549]
 - e. Front Height: 20-7/16" [519]
 - f. Framing Front Height: 19-1/2" [495]
 - g. Back Height: 19-3/8" [492]
 - h. Framing Back Height: 19-1/2" [495]
 - i. Depth: 5-5/8" [143]
 - j. Framing Depth: 2x6
 - k. Glass Viewing Area Size: 58" x 15" [1473 x 381]
 - l. BTU/Hour Input: 5,000
 - 11. Model Allusion Platinum 72 Electric Linear Fireplace
 - a. Front Width: 74-5/16" [1888]
 - b. Framing Front Width: 73" [1854]
 - c. Back Width: 72-1/2" [1842]
 - d. Framing Back Width: 73" [1854]
 - e. Front Height: 20-7/16" [519]
 - f. Framing Front Height: 19-1/2" [495]
 - g. Back Height: 19-3/8" [492]
 - h. Framing Back Height: 19-1/2" [495]
 - i. Depth: 5-5/8" [143]
 - j. Framing Depth: 2x6
 - k. Glass Viewing Area Size: 70" x 15" [1778 x 381]
 - l. BTU/Hour Input: 5,000
- D. SimpliFire Built-In Series Electric Fireplace
 - 1. Remote Control: Multi-function remote comes standard.
 - 2. Model 30-Inch Built-In Electric Fireplace

- a. Front Width: 31" [787]
 - b. Framing Front Width: 32" [812]
 - c. Back Width: 24" [609]
 - d. Framing Back Width: 32" [812]
 - e. Front Height: 26-3/4" [679]
 - f. Framing Front Height: 120V = 29" [737] 240V = 31" [787]
 - g. Depth: 11" [279]
 - h. Framing Depth: 11-5/8" [295]
 - i. Glass Viewing Area Size: 28-1/2" x 22-3/4" [724 x 578]
 - j. BTU/Hour Input: 120 volt: 4,800; 240 volt: 10,000
3. Model 36-Inch Built-In Electric Fireplace
- a. Front Width: 37" [940]
 - b. Framing Front Width: 38" [965]
 - c. Back Width: 30" [762]
 - d. Framing Back Width: 38" [965]
 - e. Front Height: 31-7/32" [793]
 - f. Framing Front Height: 120V = 33-11/16" [856] 240V = 35-11/16" [906]
 - g. Depth: 11" [279]
 - h. Framing Depth: 11-5/8" [295]
 - i. Glass Viewing Area Size: 34-1/4" x 27-1/4" [870 x 692]
 - j. BTU/Hour Input: 120 volt: 4,800; 240 volt: 10,000

- E. SimpliFire Format Electric Fireplace (This is a non-structural product)
- 1. 100% efficient, adjustable heat.
 - 2. Multi-colored LED backlighting.
 - 3. Multiple flame intensity adjustments.
 - 4. Remote Control: Multi-function remote (Visual).
 - 5. Media – ShadowGlo Alpine Timber & Clear Crystal Media (Comes Standard)
6. Model Format with 43-inch Floating Mantel
- a. Width: 43-5/16" [1100]
 - b. Height: 23-5/16" [592]
 - c. Depth: 9-7/8" [250]
 - d. Viewing Area: 36-1/16" x 12-5/8" [916 x 321]
 - e. BTU/Hour Input: 5,000
7. Model Format with 50-inch Floating Mantel
- a. Width: 50" [1270]
 - b. Height: 23-5/16" [592]
 - c. Depth: 9-7/8" [250]
 - d. Sides: 6-7/8" [175]
 - e. Viewing Area: 36-1/16" x 12-5/8" [916 x 321]
 - f. BTU/Hour Input: 5,000
8. Model Format with 60-inch Floating Mantel
- a. Width: 59-7/8" [1520]
 - b. Height: 23-5/16" [592]
 - c. Depth: 9-7/8" [250]
 - d. Sides: 11-13/16" [300]
 - e. Viewing Area: 36-1/16" x 12-5/8" [916 x 321]
 - f. BTU/Hour Input: 5,000
- F. SimpliFire Forum Outdoor Electric Linear Fireplace
- 1. Designed for outdoor applications
 - 2. No Heat. This unit provides ambiance only.
 - 3. Adjustable flame and ember colors
 - 4. Drain Pan. Removes excess moisture and water.

5. Log Option - ShadowGlo™ HD Alpine Timber Log Set
 6. Log Option - ShadowGlo™ HD Natural Birch Log Set
 7. Model Forum 43
 - a. Front Width: 46" [1168]
 - b. Framing Front Width: 46-1/4" [1175]
 - c. Front Height: 18-1/8" [460]
 - d. Framing Front Height: 18-1/2" [470]
 - e. Depth: 8-1/4" [210]
 - f. Framing Depth: 9" [229]
 - g. Glass Viewing Area Size: 43-1/2" x 15-7/16" [1104 x 392]
 - h. BTU/Hour Input: 0
 8. Model Forum 55
 - a. Front Width: 58" [1473]
 - b. Framing Front Width: 58-1/4" [1480]
 - c. Front Height: 18-1/8" [460]
 - d. Framing Front Height: 18-1/2" [470]
 - e. Depth: 8-1/4" [210]
 - f. Framing Depth: 9" [229]
 - g. Glass Viewing Area Size: 55-1/2" x 15-7/16" [1410 x 392]
 - h. BTU/Hour Input: 0
- G. Inception Electric Traditional Fireplace
1. 100% efficient, adjustable heat.
 2. Digital spark technology
 3. Remote Control: Multi-function remote.
 4. IntelliFire App option
 5. Model: Inception 36 Electric Fireplace
 - a. Front Width: 41-1/4" [104]
 - b. Framing Front Width: 42" [1067]
 - c. Front Height: 35-3/4" [908]
 - d. Framing Front Height: 34-7/8" [886]
 - e. Depth: 8-7/8" [225]
 - f. Framing Depth: 8-3/4" [222]
 - g. Glass Viewing Area Size: 34-1/2" x 19" [876 x 483]
 - h. BTU/Hour Input: 120V=5,000/ 240V=10,000
- H. SimpliFire Scion Series Electric Linear Fireplace
1. 100% efficient, adjustable heat.
 2. Tailor each fireside experience with four flame and 13 ember-bed color choices.
 3. Multiple flame intensity adjustments.
 4. Remote Control: Multi-function remote.
 5. Firebed Material – ShadowGlo HD Alpine Timber Log Set.
 6. Firebed Material – ShadowGlo HD Natural Birch Log Set.
 7. Model Scion 43 Electric Linear Fireplace
 - a. Front Width: 44-1/2" [1130]
 - b. Framing Front Width: 45" [1143]:
 - c. Front Height: 23-7/8" [606]
 - d. Framing Front Height: 24-1/4" [616]
 - e. Depth: 7-5/8" [194]
 - f. Framing Depth: 7-5/8" [194]
 - g. Glass Viewing Area Size: 41-1/2" x 15" [1054 x 381]
 - h. BTU/Hour Input: 5,000
 8. Model Scion 55 Electric Linear Fireplace
 - a. Front Width: 56-1/2" [1435]
 - b. Framing Front Width: 57" [1448]
 - c. Front Height: 23-7/8" [606]

- d. Framing Front Height: 24-1/4" [616]
 - e. Depth: 7-5/8" [194]
 - f. Framing Depth: 7-5/8" [194]
 - g. Glass Viewing Area Size: 53-1/4" x 15" [1353 x 381]
 - h. BTU/Hour Input: 5,000
- 9. Model Scion 78 Electric Linear Fireplace
 - a. Front Width: 80" [2032]
 - b. Framing Front Width: 80-1/2" [2045]
 - c. Front Height: 23-7/8" [606]
 - d. Framing Front Height: 24-1/4" [616]
 - e. Depth: 7-5/8" [194]
 - f. Framing Depth: 7-5/8" [194]
 - g. Glass Viewing Area Size: 76-7/8" x 15" [1953 x 381]
 - h. BTU/Hour Input: 5,000
- I. SimpliFire Scion Trinity Series Electric Linear Fireplace
 - 1. 100% efficient, adjustable heat.
 - 2. Tailor each fireside experience with four flame and 13 ember-bed color choices.
 - 3. Multiple flame intensity adjustments.
 - 4. Remote Control: Multi-function remote.
 - 5. Firebed Material – ShadowGlo HD Alpine Timber Log Set.
 - 6. Firebed Material – ShadowGlo HD Natural Birch Log Set.
 - 7. Floating Mantel Kit
 - 8. Wall-Mount Kit
 - 9. Model Scion Trinity 43 Electric Linear Fireplace
 - a. Front Width: 42-1/2" [1080]
 - b. Framing Front Width: 42-3/4" [1086]
 - c. Front Height: 22" [559]
 - d. Framing Front Height: 22-1/4" [565]
 - e. Depth: 11-1/4" [286]
 - f. Framing Depth: 11-1/2" [292]
 - g. Glass Viewing Area Size: 42-1/2" x 14-3/4" [1080 x 375]
 - h. BTU/Hour Input: 5,000
 - 10. Model Scion Trinity 55 Electric Linear Fireplace
 - a. Front Width: 54-1/2" [1384]
 - b. Framing Front Width: 54-5/8" [1387]
 - c. Front Height: 22" [559]
 - d. Framing Front Height: 22-1/4" [565]
 - e. Depth: 11-1/4" [286]
 - f. Framing Depth: 11-1/2" [292]
 - g. Glass Viewing Area Size: 54-1/16" x 14-3/4" [1373 x 375]
 - h. BTU/Hour Input: 5,000

PART 3 EXECUTION

3.1 EXAMINATION

- 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.

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, UL 2021 (4nd Edition) and the 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.

3.4 FIELD QUALITY CONTROL

- A. 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 (1.5m).
- B. Test for proper operation, control and safety devices.
- C. Complete Installer's Warranty Validation Card.

3.5 PROTECTION

- A. Protect installed products until completion of project.

END OF SECTION