

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:request info (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.

**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 Intput: 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