

SECTION 10 31 00

MANUFACTURED GAS FIREPLACES

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PART 1 GENERAL

1.1 SECTION INCLUDES

A. Gas fireplaces and accessories including the following:

 1. Manufactured indoor gas fireplaces.

 2. Manufactured indoor/outdoor gas fireplaces

 3. Manufactured outdoor gas fireplaces.

 4. Gas fireplace accessories.

1.2 RELATED SECTIONS

A. Section 06 10 00 - Rough Carpentry.

B. Section 22 14 13 - Facility Storm Drainage Piping.

C. Section 26 05 00 - Common Work Results for Electrical.

1.3 REFERENCES

A. ANSI Z21.44 - Gas-Fired Gravity and Fan Type Direct Vent Wall Furnaces.

B. ANSI Z21.88 - Vented Gas Fireplace Heaters.

C. Z21.50b - Vented Gas Fireplaces.

D. ANSI Z223.1 - National Fuel Gas Code.

E. CSA 2.22b - Vented Gas Fireplaces.

F. CSA 2.33 - Vented Gas Fireplace Heaters.

G. CAN/ULC S610 - Factory-Built Fireplaces.

H. UL 127 - Standard for Factory-Built Fireplaces.

I. UL 907 - Standard for Fireplace Accessories

J. UL 1482 - Standard for Safety for Solid-Fuel Type Room 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.

 1. Selection Samples: For each finish product specified, two complete sets of color chips

 representing manufacturer's full range of available colors and finishes.

D. 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: Heat & Glo®, 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:www.heatnglo.com

B. Substitutions: Not permitted.

C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.3 MANUFACTURED TRADITIONAL INDOOR GAS FIREPLACES

A. Compliance - General:

 1. Comply with applicable building codes.

 2. Comply with ANSI Z21.88/CSA 2.33 or Z21.50b/CSA 2.22b.

**8K Series Gas Fireplace:**

1. Controls: IntelliFire Touch Remote Control

2. Controls: Wall Switch

3. Controls: IntelliFire App.

4. Decorative Front Option: Folio - Black

5. Decorative Font Option: Chapel – Back

6. Decorative Font Option: Chapel – New Bronze

7. Decorative Font Option: Chapel – Gun Metal

8. Decorative Font Option: Forge Hand Crafted Front

9. Decorative Front Option: Loft – Black

10. Decorative Front Option: Loft – New Bronze

11. Decorative Front Option: Loft – Gun Metal

12. Decorative Front Option: Portrait - Black

13. Decorative Front Option: Portrait – Burnished Brass

14. Decorative Front Option: Portrait – Vintage Copper

15. Decorative Front Option: Portrait – Satin Nickle

16. Decorative Front Option: Studio - Black

17. Decorative Front Option: Studio – New Bronze

18. Decorative Front Option: Studio – Gun Metal

19. Interior Panel Option – None

20. Interior Panel Option – Calm Umber

21. Interior Panel Option – Matte Black Glass

22. Interior Panel Option - Reflective Black Glass

23. Interior Panel Option – Serene Jute

24. Interior Panel Option – Tranquil Greige

25. Log Set – Standard Definition Logs (Standard)

26. Log Set – Birch Logs

27. Heat Management Option – Heat Zone Kit.

28. Heat Management Option – Heat Out Kit.

29. Heat Management Option – Passive Heat Kit – Front Trim

30. Heat Management Option – Passive Heat Kit – Side Trim

31. Model 8K as manufactured by Heat & Glo.

a. Size: Unit Front Width: 48-1/16" [1221 mm]. Framing Front Width: 49" [1245 mm]. Unit Back Width: 35-3/8” [899 mm]. Framing Back Width: 49" [1245 mm]. Unit Height: 42-7/8" [1089 mm]. Framing Height: 42-1/8" [1070 mm]. Unit Depth: 21-7/16" [545 mm]. Framing Depth: 22" [559 mm]. Glass Size: 41-1/4" x 26-11/16" [1048 X 678 mm].

b. BTU/Hour Input: 19,000 - 35,000 BTUs (NG)/ 17,000 - 34,000 BTUs (LP)

c. Efficiency: Steady State 83%, AFUE 63%, Canada EnerGuide 67%.

32. Model 8KL as manufactured by Heat & Glo.

a. Size: Unit Front Width: 48-1/16" [1221 mm]. Framing Front Width: 49" [1245 mm]. Unit Back Width: 35-3/8” [899 mm]. Framing Back Width: 49" [1245 mm]. Unit Height: 42-7/8" [1089 mm]. Framing Height: 42-1/8" [1070 mm]. Unit Depth: 21-7/16" [545 mm]. Framing Depth: 22" [559 mm]. Glass Size: 41-1/4" x 26-11/16" [1048 X 678 mm].

b. BTU/Hour Input: 20,000 - 40,000 BTUs (NG)/ 22,000 - 40,000 BTUs (LP)

c. Efficiency: Steady State 83%, AFUE 65%, Canada EnerGuide 65%.

33. Model 8KLX as manufactured by Heat & Glo.

a. Size: Unit Front Width: 48-1/16" [1221 mm]. Framing Front Width: 49" [1245 mm]. Unit Back Width: 35-3/8” [899 mm]. Framing Back Width: 49" [1245 mm]. Unit Height: 42-7/8" [1089 mm]. Framing Height: 42-1/8" [1070 mm]. Unit Depth: 21-7/16" [545 mm]. Framing Depth: 22" [559 mm]. Glass Size: 41-1/4" x 26-11/16" [1048 X 678 mm].

b. BTU/Hour Input: 23,000 - 45,000 BTUs (NG)/ 23,000 - 44,000 BTUs (LP)

c. Efficiency: Steady State 84%, AFUE 66%, Canada EnerGuide 68%.