

SECTION 10 31 00

MANUFACTURED ELECTRIC FIREPLACES

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\*\* NOTE TO SPECIFIER \*\* Heat & Glo®; electric sourced fireplaces.
This section is based on the products of 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)](http://admin.arcat.com/users.pl?action=UserEmail&company=Heat+%26+Glo)
Web:[www.heatnglo.com](http://www.heatnglo.com)
[[Click Here](http://www.arcat.com/arcatcos/cos33/arc33011.html)] for additional information.
Heat & Glo has been the fireplace industry leader in design and innovative technology since its inception by brothers Ron and Dan Shimek in 1975. The brand pioneered direct vent gas technology in 1987 and revolutionized the way fireplaces operate in the years that followed. Today, Heat & Glo continues to develop unmatched technologies, materials and designs in a full line of fireplaces, inserts and accessories. It is the most award-winning U.S. fireplace brand and has been granted more patents than any hearth manufacturer. Heat & Glo is headquartered in Lakeville, Minn. and is a brand of Hearth and Home Technologies.

1. GENERAL
	1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Manufactured electric fireplaces.
		2. Fireplace mantels and fireplace surrounds.
		3. Fireplace accessories.
	1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 04 20 00 - Unit Masonry.
		2. Section 06 10 00 - Rough Carpentry.
		3. Section - .
		4. Section 22 14 13 - Facility Storm Drainage Piping.
		5. Section 26 05 00 - Common Work Results for Electrical.
	1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. CAN/ULC S610 - Factory-Built Fireplaces.
		2. UL 127 - Standard for Factory-Built Fireplaces.
		3. UL 907 - Standard for Fireplace Accessories
	1. SUBMITTALS
		1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
		2. 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.
		3. Shop Drawings: Provide drawing of required clearances, rough-in of enclosure and utilities.

\*\* NOTE TO SPECIFIER \*\* Delete selection samples if colors have already been selected.

* + 1. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and finishes.
		2. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product.
	1. QUALITY ASSURANCE
		1. Manufacturer Qualifications: Minimum 5 year experience manufacturing similar products.
		2. Installer Qualifications: Minimum 2 year experience installing similar products.

\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. 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. PRE-INSTALLATION MEETINGS
		1. Convene minimum two weeks prior to starting work of this section.
	2. DELIVERY, STORAGE, AND HANDLING
		1. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
		2. Handling: Handle materials to avoid damage.
	3. PROJECT CONDITIONS
		1. 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.
	4. SEQUENCING
		1. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
	5. WARRANTY
		1. Warranty: Provide manufacturer's standard warranty against defects in materials and workmanship.
1. PRODUCTS
	1. MANUFACTURERS
		1. 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)](http://admin.arcat.com/users.pl?action=UserEmail&company=Heat+%26+Glo); Web:[www.heatnglo.com](http://www.heatnglo.com)

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. MANUFACTURED ELECTRIC FIREPLACES
		1. General:
			1. Comply with applicable building codes.
			2. UL listed.

\*\* NOTE TO SPECIFIER \*\* Simplifire Built-In Overview Traditional has never been this easy. A detailed masonry-style interior, textured log set and 4 flame height adjustments enhance the appeal of these two classic Built-In models. Enjoy the ambiancewith or without the heat. Experience "Fire Made Simple." No venting required. 100% efficient, adjustable heat. Delete if not required.

* + 1. SimpliFire Built-In Series:
			1. Remote Control: Multi-function remote comes standard.

\*\* NOTE TO SPECIFIER \*\* Select mantel from available in mantels Article. Kenwood corner not available for this model.

* + - 1. Wood Mantels: As specified.

\*\* NOTE TO SPECIFIER \*\* Select stone surrounds from available in stone surrounds Article.

* + - 1. Stone Surrounds: As specified.

\*\* NOTE TO SPECIFIER \*\* Delete model not required.

* + - 1. Model 30-Inch Built-In as manufactured by Heat & Glo.
				1. Front Width: 31-1/8 inches (791 mm).
				2. Rear Width: 24 inches (610 mm).
				3. Height: 26-3/4 inches (679 mm).
				4. Depth: 11-13/16 inches (300 mm).
				5. BTU/Hour Input: 4,800 (1.4 kW).
			2. Model 36-Inch Built-In as manufactured by Heat & Glo.
				1. Front Width: 37 inches (940 mm).
				2. Rear Width: 29-7/8 inches (759 mm).
				3. Height: 31-1/4 inches (794 mm).
				4. Depth: 11-13/16 inches (300 mm).
				5. BTU/Hour Input: 4,800 (1.4 kW).

\*\* NOTE TO SPECIFIER \*\* Create a distinct contemporary look. Four wall-mount electric fireplace models provide an instant upgrade to any space. Simply hang these units on the wall and plug them in. Delete if not required.

* + 1. SimpliFire Wall-Mount Series:
			1. 100% efficient, adjustable heat.
			2. Multi-colored LED backlighting.
			3. Multiple intensity adjustments.

\*\* NOTE TO SPECIFIER \*\* Select stone surrounds from available in stone surrounds Article.

* + - 1. Remote Control: Multi-function remote (Visual).
			2. Remote Control: Multi-function remote (Push Button).

\*\* NOTE TO SPECIFIER \*\* Delete model not required.

* + - 1. Model 38-inch Wall Mount as manufactured by Heat & Glo.
				1. Front Width: 37-3/4 inches (959 mm).
				2. Front Height: 18 inches. (457 mm). 20-3/4 with stand
				3. Rear Height: 13-3/4 inches (349 mm).
				4. Depth: 4-1/2 inches (114 mm).
				5. BTU/Hour Input: 4,800 (1.4 kW).
			2. Model 58-inch Wall Mount as manufactured by Heat & Glo.
				1. Front Width: 58-1/4 inches (1480 mm).
				2. Front Height: 26-3/8 inches (670 mm).
				3. Rear Height: 20-1/4 inches (514 mm).
				4. Depth: 6-1/4 Inches (159 mm).
				5. BTU/Hour Input: 4,800 (1.4 kW).
			3. Model 70-inch Wall Mount as manufactured by Heat & Glo.
				1. Front Width: 70-1/4 incc1784 mm).
				2. Front Height: 26-3/8 inches (670 mm).
				3. Rear Height: 20-1/4 inches (514 mm).
				4. Depth: 6-1/4 Inches (159 mm).
				5. BTU/Hour Input: 4,800 (1.4 kW).
			4. Model 94-inch Wall Mount as manufactured by Heat & Glo.
				1. Front Width: 93-11/16 inches (297 mm).
				2. Front Height: 26-3/8 inches (670 mm).
				3. Rear Height: 20-1/4 inches (514 mm).
				4. Depth: 6-1/4 Inches (159 mm).
				5. BTU/Hour Input: 4,800 (1.4 kW).
	1. FIREPLACE MANTELS AND FIREPLACE SURROUNDS

\*\* NOTE TO SPECIFIER \*\* Dress up your fireplace with mantels and surrounds that complement any style. Heat & Glo's collection of wood mantels display simple elegance and classic beauty.

* + 1. Wood Mantels and Surrounds as manufactured by Heat & Glo.

\*\* NOTE TO SPECIFIER \*\* Delete style and finish not required.

* + - 1. Belair.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			2. Bella Cabinet.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			3. Bridgeport.
				1. Finish: Oak Chocolate.
				2. Finish: Oak Ginger.
				3. Finish: Oak Honey.
				4. Finish: Oak Natural.
				5. Finish: Primed wood fiber.
			4. Fairfield.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			5. Hastings.
				1. Finish: Oak Chocolate.
				2. Finish: Oak Ginger.
				3. Finish: Oak Honey.
				4. Finish: Oak Natural.
				5. Finish: Primed wood fiber.
			6. Kenwood Corner.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			7. Kenwood Corner with Base.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			8. Kenwood Wall Cabinet.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			9. Kenwood Wall Cabinet with Base.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			10. Mount Vernon.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			11. Newport.
				1. Finish: Oak Chocolate.
				2. Finish: Oak Ginger.
				3. Finish: Oak Honey.
				4. Finish: Oak Natural.
				5. Finish: Primed wood fiber.
			12. Philips Hall.
				1. Finish: Alder Auburn.
				2. Finish: Alder Chocolate.
				3. Finish: Alder Ginger.
				4. Finish: Alder Honey.
				5. Finish: Alder Natural.
				6. Finish: Maple Auburn.
				7. Finish: Maple Chocolate.
				8. Finish: Maple Ginger.
				9. Finish: Maple Honey.
				10. Finish: Maple Natural.
				11. Finish: Oak Chocolate.
				12. Finish: Oak Ginger.
				13. Finish: Oak Honey.
				14. Finish: Oak Natural.
				15. Finish: Primed wood fiber.
			13. Plymouth.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			14. Portico with Filler.
				1. Finish: Alder Auburn.
				2. Finish: Alder Chocolate.
				3. Finish: Alder Ginger.
				4. Finish: Alder Honey.
				5. Finish: Alder Natural.
				6. Finish: Maple Auburn.
				7. Finish: Maple Chocolate.
				8. Finish: Maple Ginger.
				9. Finish: Maple Honey.
				10. Finish: Maple Natural.
				11. Finish: Oak Chocolate.
				12. Finish: Oak Ginger.
				13. Finish: Oak Honey.
				14. Finish: Oak Natural.
				15. Finish: Primed wood fiber.
			15. Portico without Filler.
				1. Finish: Alder Auburn.
				2. Finish: Alder Chocolate.
				3. Finish: Alder Ginger.
				4. Finish: Alder Honey.
				5. Finish: Alder Natural.
				6. Finish: Maple Auburn.
				7. Finish: Maple Chocolate.
				8. Finish: Maple Ginger.
				9. Finish: Maple Honey.
				10. Finish: Maple Natural.
				11. Finish: Oak Chocolate.
				12. Finish: Oak Ginger.
				13. Finish: Oak Honey.
				14. Finish: Oak Natural.
				15. Finish: Primed wood fiber.
			16. Portico with Filler Painted.
				1. Finish: Alder Auburn.
				2. Finish: Alder Chocolate.
				3. Finish: Alder Ginger.
				4. Finish: Alder Honey.
				5. Finish: Alder Natural.
				6. Finish: Maple Auburn.
				7. Finish: Maple Chocolate.
				8. Finish: Maple Ginger.
				9. Finish: Maple Honey.
				10. Finish: Maple Natural.
				11. Finish: Oak Chocolate.
				12. Finish: Oak Ginger.
				13. Finish: Oak Honey.
				14. Finish: Oak Natural.
				15. Finish: Primed wood fiber.
			17. Roseville.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			18. Sonoma.
				1. Finish: Alder Auburn.
				2. Finish: Alder Chocolate.
				3. Finish: Alder Ginger.
				4. Finish: Alder Honey.
				5. Finish: Alder Natural.
				6. Finish: Maple Auburn.
				7. Finish: Maple Chocolate.
				8. Finish: Maple Ginger.
				9. Finish: Maple Honey.
				10. Finish: Maple Natural.
				11. Finish: Oak Chocolate.
				12. Finish: Oak Ginger.
				13. Finish: Oak Honey.
				14. Finish: Oak Natural.
				15. Finish: Primed wood fiber.
			19. Winchester.
				1. Finish: Oak Chocolate.
				2. Finish: Oak Ginger.
				3. Finish: Oak Honey.
				4. Finish: Oak Natural.
				5. Finish: Primed wood fiber.
			20. Yorktown.
				1. Finish: Oak Chocolate.
				2. Finish: Oak Ginger.
				3. Finish: Oak Honey.
				4. Finish: Oak Natural.
				5. Finish: Primed wood fiber.
			21. Parsons.
				1. Finish: Alder Auburn.
				2. Finish: Alder Chocolate.
				3. Finish: Alder Ginger.
				4. Finish: Alder Honey.
				5. Finish: Alder Natural.
				6. Finish: Maple Auburn.
				7. Finish: Maple Chocolate.
				8. Finish: Maple Ginger.
				9. Finish: Maple Honey.
				10. Finish: Maple Natural.
				11. Finish: Oak Chocolate.
				12. Finish: Oak Ginger.
				13. Finish: Oak Honey.
				14. Finish: Oak Natural.
				15. Finish: Primed wood fiber.

\*\* NOTE TO SPECIFIER \*\* Heat & Glo stone surround sets are the perfect design element to complement your fireplace. Available in granite, marble and slate, these fireplace surround sets feature elegance and quality. Delete if not required.

* + 1. Stone Surround Sets:
			1. Absolute Black Granite.
			2. Beige Marble.
			3. Caledonia Granite.
			4. Green Granite.
			5. Marron Brown Marble.
			6. New Venetian Granite.
			7. Slate.
			8. Tan Brown Granite.
			9. Wheatfield Granite.

\*\* NOTE TO SPECIFIER \*\* Stylize your living space with a cast stone fireplace mantel and cast surround from Heat & Glo.

* + 1. Cast Mantels and Surrounds:
			1. Atlas.
			2. Avalon.
				1. Finish: Beige.
				2. Finish: Macchiato.
			3. Avalon with Overmantel.
				1. Finish: Beige.
				2. Finish: Macchiato.
			4. Biltmore.
				1. Finish: Beige.
				2. Finish: Macchiato.
			5. Biltmore with Overmantel.
				1. Finish: Beige.
				2. Finish: Macchiato.

\*\* NOTE TO SPECIFIER \*\* Available on SmpliFire electric fireplaces only.

* + - 1. Echo cast Surround.
			2. Hearst.
				1. Finish: Beige.
				2. Finish: Macchiato.
			3. Hearst with Overmantel.
				1. Finish: Beige.
				2. Finish: Macchiato.

\*\* NOTE TO SPECIFIER \*\* Available on SmpliFire electric fireplaces only.

* + - 1. Luna Cast Surround

\*\* NOTE TO SPECIFIER \*\* Accent the look of your Heat & Glo fireplace with a cast or wood mantel shelf. Whether it's for usability or for decor, a mantel shelf dresses up your fireplace perfectly.

* + 1. Mantel Shelves:

\*\* NOTE TO SPECIFIER \*\* Delete length not required.

* + - 1. Length: 48 inches (1219 mm)."
			2. Length: 59 inches (1499 mm).
			3. Length: 72 inches (1829 mm).

\*\* NOTE TO SPECIFIER \*\* Delete style and finish not required.

* + - 1. Everest.

\*\* NOTE TO SPECIFIER \*\* Refer to manufacturer's literature. Delete if not required.

* + - * 1. Finish:
			1. Bennington.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Chocolate.
				7. Finish: Oak Ginger.
				8. Finish: Oak Honey.
				9. Finish: Oak Natural.
				10. Finish: Primed wood fiber.
			2. Covington.
				1. Finish: Oak Chocolate.
				2. Finish: Oak Ginger.
				3. Finish: Oak Honey.
				4. Finish: Oak Natural.
				5. Finish: Primed wood fiber.
			3. St Cloud.
				1. Finish: Oak Chocolate.
				2. Finish: Oak Ginger.
				3. Finish: Oak Honey.
				4. Finish: Oak Natural.
				5. Finish: Alder Auburn.
				6. Finish: Alder Chocolate.
				7. Finish: Alder Ginger.
				8. Finish: Alder Honey.
				9. Finish: Alder Natural.
				10. Finish: Maple Auburn.
				11. Finish: Maple Chocolate.
				12. Finish: Maple Ginger.
				13. Finish: Maple Honey.
				14. Finish: Maple Natural.
				15. Finish: Primed wood fiber.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. FIREPLACE ACCESSORlES

\*\* NOTE TO SPECIFIER \*\* Take convenience to a new level with fireplace remote controls. Simply point and click to start enjoying the comfort of a fire in your home. Take a look at our catalog to find a remote product that will work best for you. Delete if not required.

* + 1. Controls:
			1. Wall Switches.
			2. Wall Mounted Controls.

\*\* NOTE TO SPECIFIER \*\* Circulating fans not available for all models. Refer to manufacturer's literature for model fan ready for add-on of electric fan.

* + 1. Circulating Fans: Manufacturer's standard circulating fan compatible with specified fireplace
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
	2. PREPARATION
		1. Clean surfaces thoroughly prior to installation.
		2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
	3. INSTALLATION
		1. Install in accordance with manufacturer's instructions, ANSI Z21.44 and the requirements of authorities having jurisdiction.
		2. Use manufacturer's guidelines for minimum clearances to combustibles, walls, and finishes.
		3. Anchor all components firmly in position for long life under hard use.
	4. FIELD QUALITY CONTROL
		1. 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).
		2. Test for proper operation, control and safety devices.
		3. Complete Installer's Warranty Validation Card.
	5. PROTECTION
		1. Protect installed products until completion of project.

END OF SECTION