SECTION 10 31 00

MANUFACTURED GAS FIREPLACE INSERTS

Display hidden notes to specifier. (Don't know how? [Click Here](http://www.arcat.com/sd/display_hidden_notes.shtml))

*Copyright 2014 - 2016 ARCAT, Inc. - All rights reserved*

\*\* NOTE TO SPECIFIER \*\* Heatilator®; gas sourced fireplaces inserts.
This section is based on the products of Heatilator®, which is located at:
7571 215th St. W.
Lakeville, MN 55044
Toll Free Tel: 800-927-6841
Email:[request info (swansonm@hearthnhome.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=Heatilator)
Web:[www.heatilator.com](http://www.heatilator.com)
[[Click Here](http://www.arcat.com/arcatcos/cos49/arc49248.html)] for additional information.
Heatilator is known as "the first name in fireplaces," and has been a leader in fireplace dependability and value for more than 85 years. The brand owns a rich history and is the most widely recognized, preferred and installed brand by builders. Heatilator offers a full lineup of gas fireplaces, stoves and fireplace inserts, and also hearth accessories. The company is headquartered in Mount Pleasant, Iowa and is a member of Hearth & Home Technologies, Inc. (HHT).

1. GENERAL
	1. SECTION INCLUDES

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

* + 1. Gas fireplaces and accessories including the following:
			1. Manufactured indoor gas fireplaces.
			2. Manufactured outdoor gas fireplaces.
			3. Indoor gas fireplace inserts.
			4. Indoor gas log sets.
			5. Outdoor gas log sets.
			6. Gas fireplace mantels and fireplace surrounds.
			7. Gas fireplace accessories.
	1. RELATED SECTIONS

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

* + 1. Section 06 10 00 - Rough Carpentry.
		2. Section - .
		3. Section 22 14 13 - Facility Storm Drainage Piping.
		4. 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. ANSI Z21.44 - Gas-Fired Gravity and Fan Type Direct Vent Wall Furnaces.
		2. ANSI Z21.88 - Vented Gas Fireplace Heaters.
		3. Z21.50b - Vented Gas Fireplaces.
		4. ANSI Z223.1 - National Fuel Gas Code.
		5. CSA 2.22b - Vented Gas Fireplaces.
		6. CSA 2.33 - Vented Gas Fireplace Heaters.
		7. CAN/ULC S610 - Factory-Built Fireplaces.
		8. UL 127 - Standard for Factory-Built Fireplaces.
		9. UL 907 - Standard for Fireplace Accessories
		10. UL 1482 - Standard for Safety for Solid-Fuel Type Room Heaters.
	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: Heatilator®, which is located at: 7571 215th St. W.; Lakeville, MN 55044 ; Toll Free Tel: 800-927-6841 ; Email:[request info (swansonm@hearthnhome.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=Heatilator); Web:[www.heatilator.com](http://www.heatilator.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. INDOOR GAS FIREPLACE INSERTS
		1. NDI:
			1. Bold flames rise through hand-detailed log set.

\*\* NOTE TO SPECIFIER \*\* This remote control effortlessly manages heat output and comfort level. Includes: hardwired receiver, on/off, fan speed, flame control, temperature readout, thermostat mode, timer mode. Delete control not required.

* + - 1. Controls: RCT-MLT.

\*\* NOTE TO SPECIFIER \*\* An added level of function and convenience in a remote control fire fireplaces, stoves, inserts and gas logs with or without line power. Battery-powered or hardwired receiver. Includes: on/off, temperature readout, thermostat mode, timer mode. Delete control not required.

* + - 1. Controls: Smart-Stat.

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

* + - 1. Controls: Smart-Batt.

\*\* NOTE TO SPECIFIER \*\* Delete fronts-doors if not required.

* + - 1. Front-Door: Black Cabinet.
			2. Front-Door: Bronze Cabinet.
			3. Front-Door: Black Firescreen.
			4. Front-Door: Bronze Firescreen.

\*\* NOTE TO SPECIFIER \*\* An optional steel refractory kit is available to change the look of the firebox. Delete steel refractory if not required.

* + - 1. Refractory: Steel refractory.

\*\* NOTE TO SPECIFIER \*\* A surround, available in various sizes, is required to fill the gap between the insert and the firebox opening. Delete surround if not required.

* + - 1. Front-Door: Black Gas Insert Surrounds.
			2. Front-Door: Bronze Gas Insert Surrounds.

\*\* NOTE TO SPECIFIER \*\* A termination cap finishes your gas insert with a clean, upscale look. And, these durable caps also protect venting components and ensure safe exhaust flow. Delete if not required.

* + - 1. Termination: Copper Square Termination Cap.
			2. Termination: Black Square Termination Cap.
			3. Termination: Stainless Steel Round Termination Cap.

\*\* NOTE TO SPECIFIER \*\* Select mantel shelves from available in mantel shelves Article.

* + - 1. Mantel Shelf: As specified.

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

* + - 1. Model NDI30 as manufactured by Heatilator.
				1. Unit Front Width: 30-1/2 inches (775 mm).
				2. Front Width Min. Firebox Opening: 29-1/4 inches (743 mm).
				3. Unit Back Width: 20-1/4 inches (514 mm).
				4. Back Width Min. Firebox Opening: 20-1/2 inches (521 mm).
				5. Unit Height: 20-1/2 inches (521 mm).
				6. Height Min. Firebox Opening: 19-1/8 inches (486 mm).
				7. Unit Depth: 13-7/8 inches (352 mm).
				8. Depth Min. Firebox Opening: 13-7/8 inches (352 mm).
				9. Glass Size: 27-1/2 inches (699 mm) x 12-7/8 inches (327 mm).
				10. BTU/Hour Input: 32,000 (NG) (9.4 kW).
				11. Efficiency: Steady State - 84.1%, AFUE - 73.2%, Canada EnerGuide - 72.7%.
			2. Model NDI35 as manufactured by Heatilator.
				1. Unit Front Width: 34-5/8 inches (879 mm).
				2. Front Width Min. Firebox Opening: 33-1/4 inches 9845 mm).
				3. Unit Back Width: 23-1/2 inches (597 mm).
				4. Back Width Min. Firebox Opening: 24 inches (610 mm).
				5. Unit Height: 24 inches (610 mm).
				6. Height Min. Firebox Opening: 22-3/4 inches (578 mm).
				7. Unit Depth: 15-1/8 inches (384 mm).
				8. Depth Min. Firebox Opening: 15-1/8 inches (384 mm).
				9. Glass Size: 31-5/8 inches (803 mm) x 15-3/4 inches (400 mm).
				10. BTU/Hour Input: 35,000 (NG) (10.3 kW).
				11. Efficiency: Steady State - 78.5%, AFUE - 73.5%, Canada EnerGuide - 72.2%.

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

* 1. GAS FIREPLACE MANTELS AND FIREPLACE SURROUNDS

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

* + 1. Wood Mantels and Surrounds as manufactured by Heatilator.

\*\* 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 Corner.
				1. Finish: Maple Auburn.
				2. Finish: Maple Chocolate.
				3. Finish: Maple Ginger.
				4. Finish: Maple Honey.
				5. Finish: Maple Natural.
				6. Finish: Oak Auburn.
				7. Finish: Oak Chocolate.
				8. Finish: Oak Ginger.
				9. Finish: Oak Honey.
				10. Finish: Oak Natural.
				11. 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.
		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. 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. GAS 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 \*\* Offering both decorative and traditional gas termination caps, Heatilator can help you polish your fireplace system with the perfect finishing touch. Delete if not required.

* + 1. Termination Caps: Gas.

\*\* NOTE TO SPECIFIER \*\* Delete termination cap not required.

* + - 1. Horizontal Termination.
			2. Firebrick Termination.
			3. HP Termination.
			4. High-Rise Termination.
			5. Basement Termination.
			6. High Wind Termination.
			7. Decorative Radius Termination.
			8. Safety Shield Termination.
			9. Octagon Shroud Termination.
			10. Square Shroud Termination.
			11. Terracotta Termination.
			12. Decorative Shroud Termination.
			13. Round Termination.
			14. Square Termination.
			15. Decorative Square Termination.

\*\* 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.

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

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