

SECTION 10 31 00

MANUFACTURED GAS FIREPLACES

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

\*\* NOTE TO SPECIFIER \*\* Stellar by Heat & Glo is a brand and product line of Hearth & Home Technologies.

which is located at:
7571 215th Street W

Lakeville, MN 55044
Tel: 952-224-4072
Fax: 952-224-4074
Email: stellarinfo@hearthnhome.com
Web: https://www.stellar.heatnglo.com
[[Click Here](http://www.arcat.com/arcatcos/cos50/arc50479.html)] for additional information.
GENERAL

* 1. SECTION INCLUDES

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

* + 1. Gas fireplaces of the following types:
			1. The Transcend Collection ™ – Indoor/Outdoor - Double Sided manufactured gas fireplace by Stellar by Heat & Glo
	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 21 20 00 - Fire-Extinguishing Systems.
		3. Section 26 05 00 - Common Work Results for Electrical.
	1. REFERENCES
		1. Underwriters Laboratories (UL):
			1. UL 127 - Standard for Factory-Built Fireplaces.
		2. American National Standards Institute (ANSI)
			1. ANSI Z21.50-2019 – Vented Decorative Gas Appliances
			2. ANSI Z223.1/NFPA 54 – National Fuel Code
			3. CSAB149.1 – Natural or Propane Installation Code
			4. Installation must conform with local building codes
		3. Canadian Standards Association (CSA)
			1. CSA 2/22-2019 – Vented Decorative Gas Appliances
			2. CAN/CSA P.4.1-15.
	2. SUBMITTALS
		1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
		2. Product Data:
			1. Manufacturer's data sheets on each product to be used.
			2. Preparation instructions and recommendations.
			3. Storage and handling requirements and recommendations.
			4. Typical installation methods.

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

* + 1. Selection Samples: Media and log samples available by request
		2. Shop Drawings: Include details of materials, construction, and finish. Include relationship with adjacent construction.
		3. Installation Manual - Please consult the manufacturer’s installation manual for all details and requirements before making a final design layout decision.
	1. QUALITY ASSURANCE
		1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum five years documented experience.
		2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
		3. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.

\*\* NOTE TO SPECIFIER \*\* Include mock-up if the project size or quality warrant the expense. The following is one example of how a mock-up on might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project. Delete if not required.

* + 1. Mock-Up: Construct a digital mock-up with actual materials in sufficient time for Architect's review and to not delay construction progress
			1. Intent of mock-up is to demonstrate quality of workmanship and visual appearance.
			2. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
			3. Retain mock-up during construction as a standard for comparison with completed work.
	1. PRE-INSTALLATION CONFERENCE
		1. Convene a conference approximately two weeks before scheduled commencement of the Work. Attendees shall include Architect, Contractor and trades involved. Agenda shall include schedule, responsibilities, critical path items and approvals.
	2. DELIVERY, STORAGE, AND HANDLING
		1. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
		2. Protect from damage due to weather, excessive temperature, and construction operations.
	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. Manufacturer's Warranty: Provide manufacturer's standard limited warranty.
1. PRODUCTS
	1. MANUFACTURERS
		1. Acceptable Manufacturer: Stellar by Heat & Glo®, which is located at: 7571 215th St. W.; Lakeville, MN 55044; Toll Free Tel: 952-224-4072; Email: stellarinfo@hearthnhome.com Web: [www.stellar.heatnglo.com](http://www.stellar.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: N/A.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
	1. MANUFACTURED GAS FIREPLACES
		1. Basis of Design: Transcend Collection – Indoor Outdoor Gas Fireplace, as manufactured by Stellar by Heat & Glo
			1. UL Certified gas fireplace.
			2. Burner: Ribbon burner.
			3. Control: On/off switch.
			4. Control: Remote Control
			5. Glazing: Safe-T-Touch glass.
			6. LED Accent Lighting
			7. Exhaust: Power Vent/B-Vent System.
			8. Heat Management: This unit vents generated heat outside the building and does not provide supplemental warmth

\*\* NOTE TO SPECIFIER \*\* Select configuration required. Delete configurations not required.

* + - 1. Configuration: Single-Sided

\*\* NOTE TO SPECIFIER \*\* Select interior panels required. Black is standard. Four-Sided configuration does not have interior panels. Delete options not required.

* + - 1. Interior Panels: Matte Black.

\*\* NOTE TO SPECIFIER \*\* Select media options required. Delete options not required.

* + - 1. Media: Glass, 1/2 to 3/4 inch (13 to 19 mm) size.
				1. Color: Crystal (Ships Standard)
				2. Color: Black
				3. Color: Caribbean Blue
				4. Color: Copper
			2. Media: Natural Stone.
				1. Stone: Polished Gold
				2. Stone: Polished Black
				3. Stone: Polished Mixed
				4. Stone: Lava Stone

\*\* NOTE TO SPECIFIER \*\* Log set is optional. Delete if not required.

* + - 1. Log Set: Driftwood Log Set.
			2. Log Set: Oak Log Set

\*\* NOTE TO SPECIFIER \*\* Universal louver is optional. Delete if not required.

* + - 1. Louver: Universal intake and exhaust louver.

\*\* NOTE TO SPECIFIER \*\* Select model required. Delete models not required. Reference Chart.

* 1. Model: Select Model:
		+ 1. **Model: 3-IDOD-24-G**
				1. B-Vent Flue Diameter: 8”
				2. Finishing Width: 42-7/16 [1,078]
				3. Finishing Height - Interior: 30 [762]
				4. Finishing Height – Exterior: 34-5/8 [879.5]
				5. Firebox Top Height: 42-1/32 [1,067]
				6. Firebox Overall Height: 51 [1,295]
				7. Edge to Center Flue: 21-1/4 [540]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 42-17/32 [1,080]
				10. Viewing Area Width: 36 [914]
				11. Viewing Area Height: 24 [610]
				12. Glass Frame Width: 42-5/32 [1,071]
				13. Glass Frame Height: 29-5/8 [752]
				14. Glass Frame Height with OD intake: 34-17/32 [877]
				15. Outer Flange Width: 46-15/16 [1,192]
				16. Outer Flange Height: 58-7/32 [1,479]
				17. Unit Weight (LBS/KG): 473 [215]
			2. **Model: 4-IDOD-24-G**
				1. B-Vent Flue Diameter: 8”
				2. Finishing Width: 54-7/16 [1,382]
				3. Finishing Height - Interior: 30 [762]
				4. Finishing Height – Exterior: 34-5/8 [879.5]
				5. Firebox Top Height: 42-1/32 [1,067]
				6. Firebox Overall Height: 51 [1,295]
				7. Edge to Center Flue: 27-1/4 [692]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 54-17/32 [1,385]
				10. Viewing Area Width: 48 [1,219]
				11. Viewing Area Height: 24 [610]
				12. Glass Frame Width: 54-5/32 [1,375]
				13. Glass Frame Height: 29-5/8 [752]
				14. Glass Frame Height with OD intake: 34-23/32 [882 5
				15. Outer Flange Width: 58-15/16 [1,497]
				16. Outer Flange Height: 58-7/32 [1,479]
				17. Unit Weight (LBS/KG): 577 [262]
			3. **Model: 5-IDOD-24-G**
				1. B-Vent Flue Diameter: 8”
				2. Finishing Width: 66-7/16 [1,687]
				3. Finishing Height - Interior: 30 [762]
				4. Finishing Height – Exterior: 34-5/8 [879.5]
				5. Firebox Top Height: 42-1/32 [1,067]
				6. Firebox Overall Height: 51 [1,295]
				7. Edge to Center Flue: 33-1/4 [845]
				8. Firebox Depth: 24 [610] 6
				9. Overall Width: 66-17/32 [1,690]
				10. Viewing Area Width: 60 [1,524]
				11. Viewing Area Height: 24 [610]
				12. Glass Frame Width: 66-5/32 [1,680]
				13. Glass Frame Height: 29-5/8 [752]
				14. Glass Frame Height with OD intake: 34-23/32 [882
				15. Outer Flange Width: 70-15/16 [1,802]
				16. Outer Flange Height: 58-7/32 [1,479]
				17. Unit Weight (LBS/KG): 580 [263]
			4. **Model: 6-IDOD-24-G**
				1. B-Vent Flue Diameter: 10”
				2. Finishing Width: 78-7/16 [1,992]
				3. Finishing Height - Interior: 30 [762]
				4. Finishing Height – Exterior: 34-5/8 [879.5] 4
				5. Firebox Top Height: 42-1/32 [1,067]
				6. Firebox Overall Height: 51 [1,295]
				7. Edge to Center Flue: 39-1/4 [848]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 78-17/32 [1,995]
				10. Viewing Area Width: 72 [1,829]
				11. Viewing Area Height: 24 [610]
				12. Glass Frame Width: 78-5/32 [1,985]
				13. Glass Frame Height: 29-5/8 [752]
				14. Glass Frame Height with OD intake: 34-23/32 [882
				15. Outer Flange Width: 82-15/16 [2,107]
				16. Outer Flange Height: 58-7/32 [1,479]
				17. Unit Weight (LBS/KG): 784 [356]
			5. **Model: 7-IDOD-24-G**
				1. B-Vent Flue Diameter: 10”
				2. Finishing Width: 90-7/16 [2,297]
				3. Finishing Height - Interior: 30[762]
				4. Finishing Height – Exterior: 34-5/8 [879.5]
				5. Firebox Top Height: 42-1/32 [1,067]
				6. Firebox Overall Height: 51 [1,295]
				7. Edge to Center Flue: 45-1/4 [1,149]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 90-17/32 [2,299]
				10. Viewing Area Width: 84 [2,134]
				11. Viewing Area Height: 24 [610] 9
				12. Glass Frame Width: 90-5/32 [2,290]
				13. Glass Frame Height: 29-5/8 [752]
				14. Glass Frame Height with OD intake: 34-23/32 [882
				15. Outer Flange Width: 94-15/16 [2,411]
				16. Outer Flange Height: 58-7/32 [1,479]
				17. Unit Weight (LBS/KG): 888 [403]
			6. **Model: 8-IDOD-24-G**
				1. B-Vent Flue Diameter: 10”
				2. Finishing Width: 102-7/16 [2,602] 3
				3. Finishing Height - Interior: 30 [762]
				4. Finishing Height – Exterior: 34-5/8 [879.5]
				5. Firebox Top Height: 42-1/32 [1,067]
				6. Firebox Overall Height: 51 [1,295]
				7. Edge to Center Flue: 51-1/4 [1,302]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 102-17/32 [2,604]
				10. Viewing Area Width: 96 [2,438]
				11. Viewing Area Height: 24 [610]
				12. Glass Frame Width: 102-5/32 [2,595]
				13. Glass Frame Height: 29-5/8 [752]
				14. Glass Frame Height with OD intake: 34-23/32 [882]
				15. Outer Flange Width: 106-15/16 [2,716]
				16. Outer Flange Height: 58-7/32 [1,479]
				17. Unit Weight (LBS/KG): 991 [450]
			7. **Model: 3-IDOD-36-G**
				1. B-Vent Flue Diameter: 8”
				2. Finishing Width: 42-7/16 [1,078]
				3. Finishing Height - Interior: 36 [914]
				4. Finishing Height – Exterior: 46-5/8 [1,184]
				5. Firebox Top Height: 54-1/32 [1,372]
				6. Firebox Overall Height: 63 [1,600]
				7. Edge to Center Flue: 21-1/4 [540]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 42-17/32 [1,080]
				10. Viewing Area Width: 36 [914]
				11. Viewing Area Height: 36 [914]
				12. Glass Frame Width: 42-5/32 [1,071]
				13. Glass Frame Height: 41-5/8 [1,057]
				14. Glass Frame Height with OD intake: 46-17/32 [1,182]
				15. Outer Flange Width: 46-15/16 [1,192]
				16. Outer Flange Height: 70-7/32 [1,783]
				17. Unit Weight (LBS/KG): 553 [251]
			8. **Model: 4-IDOD-36-G**
				1. B-Vent Flue Diameter: 8”
				2. Finishing Width: 54-7/16 [1,382]
				3. Finishing Height - Interior: 36 [914]
				4. Finishing Height – Exterior: 46-5/8 [1,184]
				5. Firebox Top Height: 54-1/32 [1,372]
				6. Firebox Overall Height: 63 [1,600]
				7. Edge to Center Flue: 27-1/4 [692]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 54-17/32 [1,385]
				10. Viewing Area Width: 48 [1,219]
				11. Viewing Area Height: 36 [914]
				12. Glass Frame Width: 54-5/32 [1,375
				13. Glass Frame Height: 41-5/8 [1,057]
				14. Glass Frame Height with OD intake: 46-23/32 [1,187]
				15. Outer Flange Width: 58-15/16 [1,497]
				16. Outer Flange Height: 70-7/32 [1,783]
				17. Unit Weight (LBS/KG): 666 [303]
			9. Unit Weight: **Model: 5-IDOD-36-G**
				1. B-Vent Flue Diameter: 10”
				2. Finishing Width: 66-7/16 [1,687]
				3. Finishing Height - Interior: 36 [914]
				4. Finishing Height – Exterior: 46-5/8 [1,184]
				5. Firebox Top Height: 54-1/32 [1,372]
				6. Firebox Overall Height: 63 [1,600]
				7. Edge to Center Flue: 33-1/4 [845]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 66-17/32 [1,690]
				10. Viewing Area Width: 60 [1,524]
				11. Viewing Area Height: 36 [914]
				12. Glass Frame Width: 66-5/32 [1,680]
				13. Glass Frame Height: 41-5/8 [1,057]
				14. Glass Frame Height with OD intake: 46-23/32 [1,187]
				15. Outer Flange Width: 70-15/16 [1,802]
				16. Outer Flange Height: 70-7/32 [1,783]
				17. Unit Weight (LBS/KG): 785 [356]
			10. **Model: 6-IDOD-36-G**
				1. B-Vent Flue Diameter: 10”
				2. Finishing Width: 78-7/16 [1,992]
				3. Finishing Height - Interior: 36 [914]
				4. Finishing Height – Exterior: 46-5/8 [1,184]
				5. Firebox Top Height: 54-1/32 [1,372]
				6. Firebox Overall Height: 63 [1,600]
				7. Edge to Center Flue: 39-1/4 [848]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 78-17/32 [1,995]
				10. Viewing Area Width: 72 [1,829]
				11. Viewing Area Height: 36 [914]
				12. Glass Frame Width: 78-5/32 [1,985]
				13. Glass Frame Height: 41-5/8 [1,057]
				14. Glass Frame Height with OD intake: 46-23/32 [1,187]
				15. Outer Flange Width: 82-15/16 [2,107]
				16. Outer Flange Height: 70-7/32 [1,783]
				17. Unit Weight (LBS/KG): 902 [409]
			11. **Model: 7-IDOD-36-G**
				1. B-Vent Flue Diameter: 10”
				2. Finishing Width: 90-7/16 [2,297]
				3. Finishing Height - Interior: 36 [914]
				4. Finishing Height – Exterior: 46-5/8 [1,184]
				5. Firebox Top Height: 54-1/32 [1,372]
				6. Firebox Overall Height: 63 [1,600]
				7. Edge to Center Flue: 45-1/4 [1,149]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 90-17/32 [2,299]
				10. Viewing Area Width: 84 [2,134]
				11. Viewing Area Height: 36 [914]
				12. Glass Frame Width: 90-5/32 [2,290]
				13. Glass Frame Height: 41-5/8 [1,057]
				14. Glass Frame Height with OD intake: 46-23/32 [1,187]
				15. Outer Flange Width: 94-15/16 [2,411]
				16. Outer Flange Height: 70-7/32 [1,783]
				17. Unit Weight (LBS/KG): 1,020 [463]
			12. **Model: 8-IDOD-36-G**
				1. B-Vent Flue Diameter: 10”
				2. Finishing Width: 102-7/16 [2,602]
				3. Finishing Height - Interior: 36 [914]
				4. Finishing Height – Exterior: 46-5/8 [1,184]
				5. Firebox Top Height: 54-1/32 [1,372]
				6. Firebox Overall Height: 63 [1,600]
				7. Edge to Center Flue: 51-1/4 [1,302]
				8. Firebox Depth: 24 [610]
				9. Overall Width: 102-17/32 [2,604]
				10. Viewing Area Width: 96 [2,438]
				11. Viewing Area Height: 36 [914]
				12. Glass Frame Width: 102-5/32 [2,595]
				13. Glass Frame Height: 41-5/8 [1,057]
				14. Glass Frame Height with OD intake: 46-23/32 [1,187]
				15. Outer Flange Width: 106-15/16 [2,716]
				16. Outer Flange Height: 70-7/32 [1,783]
				17. Unit Weight (LBS/KG): 1,142 [518]
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly constructed and prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect in writing 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, approved submittals and in proper relationship with adjacent construction.
		2. Use manufacturer's guidelines for minimum clearances to combustibles, walls, and finishes.
		3. Installer must be an authorized dealer of Hearth & Home Technologies©
	4. FIELD QUALITY CONTROL
		1. Upon completion of installation, visually inspect all exposed surfaces. Touch up scratches and abrasions as recommended by the manufacturer.
		2. Test for proper operation, control and safety devices.
	5. CLEANING AND PROTECTION
		1. Clean products in accordance with the manufacturer’s recommendations.
		2. Touch-up, repair or replace damaged products before Substantial Completion.
		3. Protect installed products until completion of project.

END OF SECTION