

Stellar Hearth Products – Architect Specifications Sheets for The Galaxy Series

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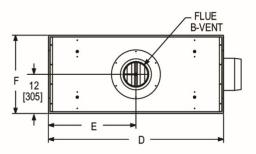


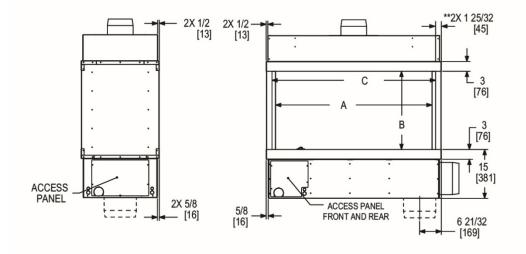
Specification Sheet Galaxy Series See-Through

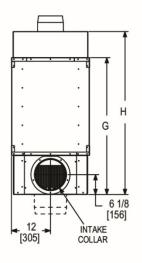
Galaxy Series	See-Through, Co-linear Direct Vent Gas Fireplace Series
Model # Includes:	CAD & BIM drawings available at CADdetails.com or contact Stellar Hearth directly
4-ST-2-GL	4' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
4-ST-3-GL	4' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
5-ST-2-GL	5' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
5-ST-3-GL	5' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
6-ST-2-GL	6' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
6-ST-3-GL	6' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
7-ST-2-GL	7' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
7-ST-3-GL	7' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
Certification Information	
	n must conform with local building codes or in the absence of local building codes, with the ode, ANSI Z223.1/NFPA 54 – Current Edition, or the Natural or Propane Installation Code, CSAB149.1
ANSI Standards	This fireplace series complies with ANSI Z21.50a-2016 – CSA 2.33a-2016 "Vented Fireplace"
UL Certification	The Galaxy Series is covered under the UL Certification Number 20141014-MH48906 and is a part of the Stellar Hearth Custom Fireplace Program.
Commonwealth of Massachusetts	The Galaxy series has been approved by the Board of State of Plumbers and Gas Fitters. Custom Fireplace: Approval # G3-1217-239.
Fireplace Specifications:	
Glass	The fireplace will use the Safe-T-Touch Glass System which has an additional outer layer of glass to control surface temperatures. No additional safety screen is required.
Glass Type	.25" thick tempered glass
Temperatures	120 – 150 Degrees
Firebox Construction:	
Construction	16-gauge aluminized metal (majority)
Clearances to Combustibles	 Left Side, Right Side and Back - 1" Floor - 0 Unit to top of the ceiling - 48" Unit to adjacent side wall - 1" Must use completely non-combustible materials in the non-combustible zone the entire width of the fireplace. Do not use wood, sheetrock, etc. in this zone. Completely non-combustible products (metal) framing may come right up to the fireplace Refer to Section 2 of the installation manual for more details
Dimensions & Framing	See Page 3 For Dimensional Drawings by Model Number
Installation Notes:	 Fireplace is not load bearing Fireplace must be on a level surface capable of supporting the fireplace and venting
Gas Specifications:	
Connection	1/2" NPT gas line connection
Minimum Inlet Pressure	 Natural Gas - 7.0 w.c. Propane - 11.0 w.c. Natural Gas - 10.0 w.c.
Maximum Inlet Pressure	 Natural Gas – 10.0 w.c. Propane – 14.0 w.c.
Control Valve	Honeywell, Electronic safety valve
BTU's	BTU's per model number listed in table at the top.
	Refer to Section 7 of the installation manual for more details.

Venting and Outsi	de Air Specifica	ations											
Venting	 Do not of Must ma Refer to Vent rur outside 	 Do not decrease the vent size Must maintain 1" minimum clearance all the way around the B-Vent pipe at all times Refer to vent system manufacturer's pipe installation guidelines for complete installation instructions Vent runs are approved for up to 110 feet with quantity 11, 90-degree elbows. Please consult Stellar Hearth for vent runs outside these parameters 											
Flue Damper	Use of flue damper	e of flue damper is optional. Refer to Enervex specifications for proper guidelines.											
Powervent	(PowervIf usingConsult	 (Powervent & In-Line Powervent) If using an in-line powervent, must be specified at time of order by adding an -IN to the end of the model number Consult the Enervex installation manual for all clearance and termination installation requirements 											
Outside Air	 Use only Intake p appropri The fire 	 Use only metal pipe or Stellar Hearth approved flex pipe and insulate all exposed against cold/frost Intake pipe must maintain 1.5X the square inches of the flue pipe in free area. Intake screen/vent must be sized appropriately. Failure to do so will result in higher operating temperatures 											
Electric	• The fire codes, v	• 120 vac switched power to the fireplace location and the powervent on the roof is required											
Electrical & Valve Access	installat used if r	 Each fireplace will have four points of access, including through the interior firebox, for installation and service. Refer to installation manual for placement and make sure and plan in advance of the installation which access location will be used if needs to be accommodated for in the finish work to allow easy access for service later Optional Tethered control box is available and needs to be specified up front as the fireplace is ordered 											
Specifications by Model Number:	B-Vent Size	Outside Air Size	Powervent	In-Line Powervent (IN)	VAC	АМР	kW						
4-ST-2-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35						
4-ST-3-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35						
5-ST-2-GL	8"	10" or 640 CFM	RS012	RSIF160	120	5.8	.35						
5-ST-3-GL	8"	10" or 640 CFM"	RS012	RSIF160	120	5.8	.35						
6-ST-2-GL	10"	10" or 800 CFM	RS014	RSIF180	120	5.8	.35						
6-ST-3-GL	10"	10" or 800 CFM	RS014	RSIF180	120	5.8	.35						
7-ST-2-GL	10"	10" or 960 CFM	RS014	RSIF180	120	5.8	.35						
7-ST-3-GL	10"	10" or 960 CFM	RS014	RSIF180	120	5.8	.35						
Miscellaneous:													
LED Glass Media Lights	The Galaxy Series	has standard LED Glass Me	edia lights and a pr	ovided remote control t	o operate.								
Glass Media		comes standard with Glass one options also available.		of colors. If no colors a	re specified, the f	ireplace will go out s	standard with Glacier Ice						
Driftwood Log Set & Natural Stone	The Galaxy Series media.	has an optional driftwood	log set available. V	Ve recommend using on	e of the Natural S	Stone options with d	riftwood over the Glass						
Envision Painted Panels & Mirrors	and has to be at le	mage can be printed on to ast 300 DPI. Optional mirro ames and logs throughout.	ored panels (witho			o 1							
Universal Intake & Exhaust Termination	Flush mount termi match exterior.	Flush mount termination for use with in-line powervent and outside air-intake. UL Certified. Rain resistant, fully insulated and can be painted to match exterior.											



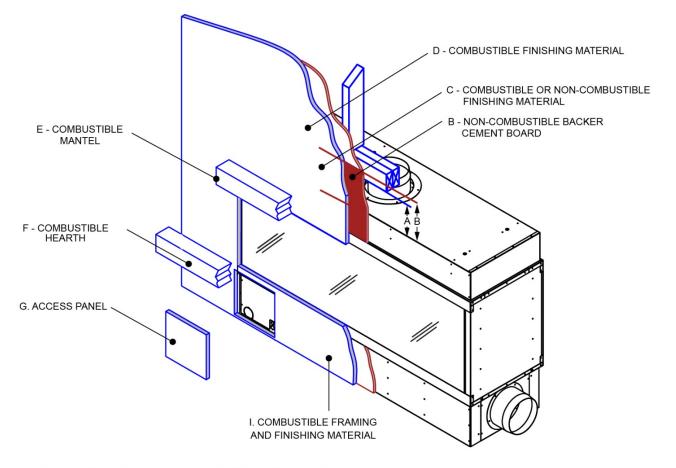






MODEL #	A	В	С	D	E	F	G	н	Framing Width	Framing Height	Framing Depth*
4-ST-2-GL	48"	24"	50-3/16"	53-3/4"	26-7/8"	24"	42"	50"	55-3/4"	56"	24"
5-ST-2-GL	60"	24"	62-3/16"	65-3/4"	32-7/8"	24"	42"	50"	67-3/4"	56"	24"
6-ST-2-GL	72"	24"	74-3/16"	77-3/4"	38-7/8"	24"	42"	50"	79-3/4"	56"	24"
7-ST-2-GL	84"	24"	86-3/16"	89-3/4"	44-7/8"	24"	42"	50"	91-3/4"	56"	24"
4-ST-3-GL	48"	36"	50-3/16"	53-3/4"	26-7/8"	24"	54"	62"	55-3/4"	68"	24"
5-ST-3-GL	60"	36"	62-3/16"	65-3/4"	32-7/8"	24"	54"	62"	67-3/4"	68"	24"
6-ST-3-GL	72"	36"	74-3/16"	77-3/4"	38-7/8"	24"	54"	62"	79-3/4"	68"	24"
7-ST-3-GL	84"	36"	86-3/16"	89-3/4"	44-7/8"	24"	54"	62"	91-3/4"	68"	24"
	These din Non-com Steel surf		med ½" dryw oustible boar each side								





- A. No combustible materials may be within 6" [152mm] of the top of the fireplace.
- B. Non-combustible backer cement board (1/2" minimum) must be used between viewing area opening and 12" [305mm] on the top the full width of the fireplace. 7" [178mm] minimum above the top of the fireplace is recommended for ease of attachment.
- C. Combustible material may cover the non-combustible area mentioned in B.
- D. Combustible finishing materials allowed.
- E. Combustible mantel may be placed above the top of the glass viewing area.
- F. Combustible hearth may be placed below the bottom of the glass viewing area.
- G. Flat covers will cover the components access. Gas and electric inlets are located behind this panel. There are four access panel options all located on the pilot side of the fireplace; front (shown above), side, back and inside behind the glass. Please take consideration of which option will be used to access the components during planning.
- I. Combustible framing and finishing materials allowed.

Stellar Hearth Products

A brand of Big Woods Hearth Products, Inc.

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www. Stellarhearth.com

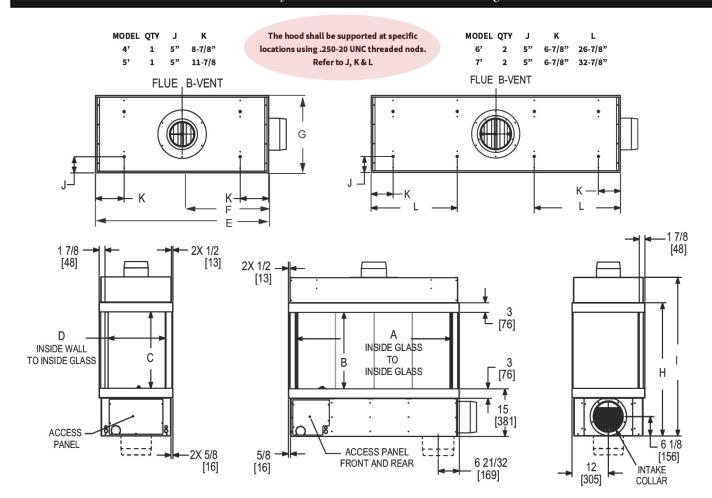
Stellar Hearth Products Custom Fireplace Design & Manufacturing



Galaxy Series	Bay, Co-linear Direct Vent Gas Fireplace Series
Model # Includes:	CAD & BIM drawings available at CADdetails.com or contact Stellar Hearth directly
4-BY-2-GL	4' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
4-BY-3-GL	4' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
5-BY-2-GL	5' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
5-BY-3-GL	5' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
6-BY-2-GL	6' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
6-BY-3-GL	6' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
7-BY-2-GL	7' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
7-BY-3-GL	7' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
Certification Information	
	n must conform with local building codes or in the absence of local building codes, with the ode, ANSI Z223.1/NFPA 54 – Current Edition, or the Natural or Propane Installation Code, CSAB149.1
ANSI Standards	This fireplace series complies with ANSI Z21.50a-2016 – CSA 2.33a-2016 "Vented Fireplace"
UL Certification	The Galaxy Series is covered under the UL Certification Number 20141014-MH48906 and is a part of the Stellar Hearth Custom Fireplace Program.
Commonwealth of Massachusetts	The Galaxy series has been approved by the Board of State of Plumbers and Gas Fitters. Custom Fireplace: Approval # G3-1217-239
Fireplace Specifications:	
Glass	The fireplace will use the Safe-T-Touch Glass System which has an additional outer layer of Glass to control surface temperatures. No additional safety screen is required.
Glass Type	.25" thick tempered Glass
Temperatures	120 – 150 Degrees
Firebox Construction:	
Construction	16-gauge aluminized metal (majority)
Clearances to Combustibles	 Left Side, Right Side and Back - 1" Floor - 0 Unit to top of the ceiling - 48" Unit to adjacent side wall - 1" Must use completely non-combustible materials in the non-combustible zone the entire width of the fireplace. Do not use wood, sheetrock, etc. in this zone. Completely non-combustible products (metal) framing may come right up to the fireplace Refer to Section 2 of the installation manual for more details
Dimensions & Framing	See Page 3 For Dimensional Drawings by Model Number
Installation Notes:	 Fireplace is not load bearing Fireplace must be on a level surface capable of supporting the fireplace and venting
Gas Specifications:	
Connection	1/2" NPT gas line connection
Minimum Inlet Pressure	 Natural Gas - 7.0 w.c. Propane - 11.0 w.c. Natural Gas - 10.0 w.c.
Maximum Inlet Pressure	 Natural Gas - 10.0 w.c. Propane - 14.0 w.c.
Control Valve	Honeywell, Electronic safety valve
BTU's	BTU's per model number listed in table at the top
	Refer to Section 7 of the installation manual for more details

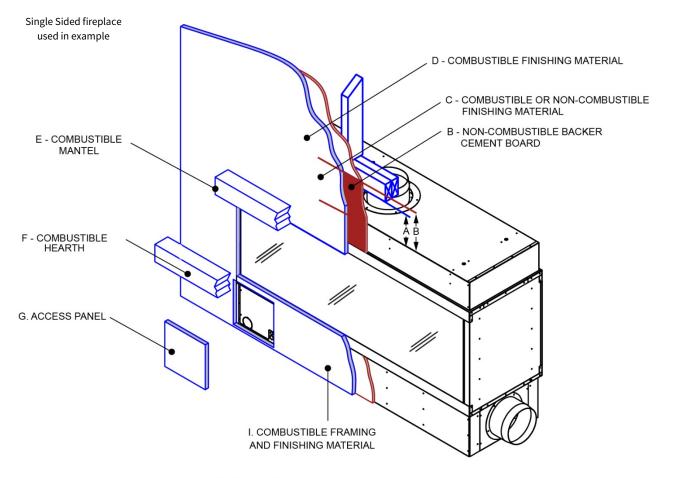
Venting and Outs	side Air Specifica	ations											
Venting	 Do not of Must mail Refer to Vent run outside 	type venting must be us decrease the vent size aintain 1" minimum cle vent system manufact ns are approved for up t these parameters table below (B-Vent Siz	arance all the wa urer's pipe insta to 110 feet with o	ay around the B-Vent llation guidelines for quantity 11, 90-degre	pipe at all time complete insta e elbows. Pleas	es Illation instruction se consult Stellar	ns Hearth for vent runs						
Flue Damper	Use of flue damper	r is optional. Refer to En	ervex specificat	ions for proper guide	lines.								
Powervent	 This series of fireplace uses the Enervex powervent exhaust system based on the model number. Refer to the table below (Powervent & In-Line Powervent) If using an in-line powervent, must be specified at time of order by adding an -IN to the end of the model number Consult the Enervex installation manual for all clearance and termination installation requirements Refer to table below 												
Outside Air	 Outside air intake connections are provided on the right side and bottom of the fireplace Use only metal pipe or Stellar Hearth approved flex pipe and insulate all exposed against cold/frost Intake pipe must maintain 1.5X the square inches of the flue pipe in free area. Intake screen/vent must be sized appropriately. Failure to do so will result in higher operating temperatures The fireplace may also use room air for combustion. You must plan for the replacement air that is consumed from the room in the fireplace. Refer to table below (Outside Air Size) 												
Electric	• The fire codes, v	• 120 vac switched power to the fireplace location and the powervent on the roof is required											
Electrical & Valve Access	installa used if r	 Each fireplace will have four points of access, including through the interior firebox, for installation and service. Refer to installation manual for placement and make sure and plan in advance of the installation which access location will be used if needs to be accommodated for in the finish work to allow easy access for service later Optional Tethered control box is available and needs to be specified up front as the fireplace is ordered 											
Specifications by Model Number:	B-Vent Size	Outside Air Size	Powervent	In-Line Powervent (IN)	VAC	AMP	kW						
4-BY-2-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35						
4-BY-3-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35						
5-BY-2-GL	8"	10" or 640 CFM	RS012	RSIF160	120	5.8	.35						
5-BY-3-GL	8"	10" or 640 CFM"	RS012	RSIF160	120	5.8	.35						
6-BY-2-GL	10"	10" or 800 CFM	RS014	RSIF180	120	5.8	.35						
6-BY-3-GL	10"	10" or 800 CFM	RS014	RSIF180	120	5.8	.35						
7-BY-2-GL	10"	10" or 960 CFM	RS014	RSIF180	120	5.8	.35						
7-BY-3-GL	10"	10" or 960 CFM	RS014	RSIF180	120	5.8	.35						
Miscellaneous:													
LED Glass Media Lights	The Galaxy Series has	s standard LED Glass Media	lights and a provi	ded remote control to o	perate.								
Glass Media		nes standard with Glass me options also available.	edia in a variety of	colors. If no colors are s	pecified, the fire	blace will go out star	ndard with Glacier Ice						
Driftwood Log Set and Natural Stone		an optional driftwood log	set available. We r	recommend using one o	f the Natural Sto	ne options with drift	wood over the Glass						
Envision Painted Panels & Mirrors		ge can be printed on to a m DPI. Optional mirrored par s throughout.				o .							
Universal Intake & Exhaust Termination	Flush mount termina exterior.	tion for use with in-line por	wervent and outsid	de air-intake. UL Certifie	d. Rain resistant,	fully insulated and o	can be painted to match						
Comfort Choice	Zone Heating Option N/A for Four-sided m	Redirect heat from top of odels.	firebox back into t	he room. Works best wit	th Single Sided ar	nd See-Through moo	dels.						





MODEL #	Α	В	с	D	E	F	G	н	I	Framing Width	Framing Height	Framing Depth*
4-BY-2-GL	48-25/32"	24"	24"	18-9/16"	53-3/4"	26-7/8"	24"	42"	50"	52-3/4"	56"	25"
5-BY-2-GL	60-25/32"	24"	24"	18-9/16"	65-3/4"	32-7/8"	24"	42"	50"	64-3/4"	56"	25"
6-BY-2-GL	72-25/32"	24"	24"	18-9/16"	77-3/4"	38-7/8"	24"	42"	50"	76-3/4"	56"	25"
7-BY-2-GL	84-25/32"	24"	24"	18-9/16"	89-3/4"	44-7/8"	24"	42"	50"	88-3/4"	56"	25"
4-BY-3-GL	48-25/32"	36"	36"	18-9/16"	53-3/4"	26-7/8"	24"	54"	62"	52-3/4"	68"	25"
5-BY-3-GL	60-25/32"	36"	36"	18-9/16"	65-3/4"	32-7/8"	24"	54"	62"	64-3/4"	68"	25"
6-BY-3-GL	72-25/32"	36"	36"	18-9/16"	77-3/4"	38-7/8"	24"	54"	62"	76-3/4"	68"	25"
7-BY-3-GL	84-25/32"	36"	36"	18-9/16"	89-3/4"	44-7/8"	24"	54"	62"	88-3/4"	68"	25"
	Non-	combus	hese dim stible mat surface n	*Assumec non-combus	l ½" drywall tible board u							





- A. No combustible materials may be within 6" [152mm] of the top of the fireplace.
- B. Non-combustible backer cement board (1/2" minimum) must be used between viewing area opening and 12" [305mm] on the top the full width of the fireplace. 7" [178mm] minimum above the top of the fireplace is recommended for ease of attachment.
- C. Combustible material may cover the non-combustible area mentioned in B.
- D. Combustible finishing materials allowed.
- E. Combustible mantel may be placed above the top of the glass viewing area.
- F. Combustible hearth may be placed below the bottom of the glass viewing area.
- G. Flat covers will cover the components access. Gas and electric inlets are located behind this panel. There are four access panel options all located on the pilot side of the fireplace; front (shown above), side, back and inside behind the glass.
- Please take consideration of which option will be used to access the components during planning.
- I. Combustible framing and finishing materials allowed.

Stellar Hearth Products

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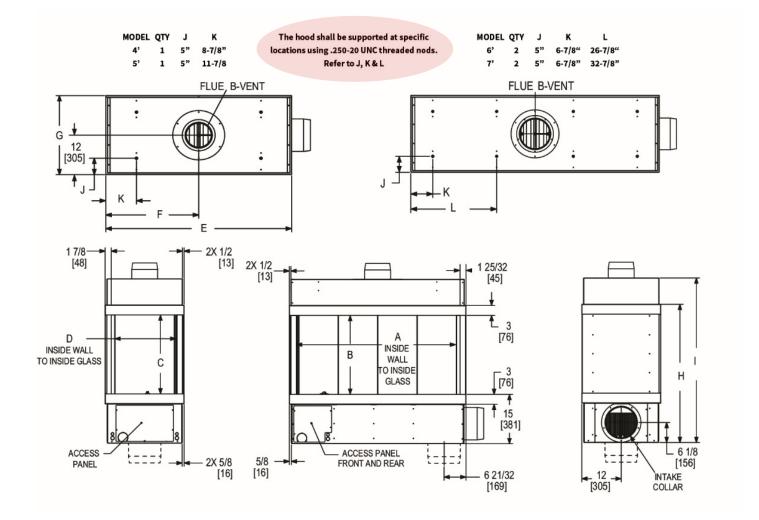
Galaxy Series	Left Corner, Co-linear Direct Vent Gas Fireplace Series
Model # Includes:	CAD & BIM drawings available at CADdetails.com or contact Stellar Hearth directly
4-LC-2-GL	4' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
4-LC-3-GL	4' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
5-LC-2-GL	5' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
5-LC-3-GL	5' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
6-LC-2-GL	6' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
6-LC-3-GL	6' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
7-LC-2-GL	7' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
7-LC-3-GL	7' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
Certification Information	
	n must conform with local building codes or in the absence of local building codes, with the ode, ANSI Z223.1/NFPA 54 - Current Edition, or the Natural or Propane Installation Code, CSAB149.1
ANSI Standards	This fireplace series complies with ANSI Z21.50a-2016 – CSA 2.33a-2016 "Vented Fireplace".
UL Certification	The Galaxy Series is covered under the UL Certification Number 20141014-MH48906 and is a part of the Stellar Hearth Custom Fireplace Program.
Commonwealth of Massachusetts	The Galaxy series has been approved by the Board of State of Plumbers and Gas Fitters. Custom Fireplace: Approval # G3-1217-239.
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Glass	The fireplace will use the Safe-T-Touch Glass System which has an additional outer layer of glass to control surface temperatures. No additional safety screen is required.
Glass Type	.25" thick tempered glass
Temperatures	120 – 150 Degrees
Firebox Construction:	
Construction	16-gauge aluminized metal (majority)
Clearances to Combustibles	 Left Side, Right Side and Back - 1" Floor - 0 Unit to top of the ceiling - 48" Unit to adjacent side wall - 1" Must use completely non-combustible materials in the non-combustible zone the entire width of the fireplace. Do not use wood, sheetrock, etc. in this zone. Completely non-combustible products (metal) framing may come right up to the fireplace Refer to Section 2 of the installation manual for more details
Dimensions & Framing	See Page 3 For Dimensional Drawings by Model Number
Installation Notes:	 Fireplace is not load bearing Fireplace must be on a level surface capable of supporting the fireplace and venting
Gas Specifications:	
Connection	1/2" NPT gas line connection
Minimum Inlet Pressure	 Natural Gas - 7.0 w.c. Propane - 11.0 w.c. Natural Gas - 10.0 w.c.
Maximum Inlet Pressure	 Propane – 14.0 w.c.
Control Valve	Honeywell, Electronic safety valve
BTU's	BTU's per model number listed in table at the top.
	Refer to Section 7 of the installation manual for more details.

Venting and Outsi	de Air Specifica	ations											
Venting	 B-Vent type venting must be used based on model number (see table below). UL/CSA approved B-Vent Only Do not decrease the vent size Must maintain 1" minimum clearance all the way around the B-Vent pipe at all times Refer to vent system manufacturer's pipe installation guidelines for complete installation instructions Vent runs are approved for up to 110 feet with quantity 11, 90-degree elbows. Please consult Stellar Hearth for vent runs outside these parameters Refer to table below (B-Vent Size) and the Galaxy installation Manual Venting Section for more details 												
Flue Damper	Use of flue damp	Use of flue damper is optional. Refer to Enervex specifications for proper guidelines.											
Powervent	(Powe If using Consu	 (Powervent & In-Line Powervent) If using an in-line powervent, must be specified at time of order by adding an -IN to the end of the model number Consult the Enervex installation manual for all clearance and termination installation requirements 											
Outside Air	 Use or Intake approj The fir 	 Use only metal pipe or Stellar Hearth approved flex pipe and insulate all exposed against cold/frost Intake pipe must maintain 1.5X the square inches of the flue pipe in free area. Intake screen/vent must be sized appropriately. Failure to do so will result in higher operating temperatures 											
Electric	• The fir codes,	 120 vac switched power to the fireplace location and the powervent on the roof is required The fireplace, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA70, or the Canadian Electrical Code, Part 1, CSA C22.1 											
Electrical & Valve Access	install used if	installation manual for placement and make sure and plan in advance of the installation which access location will be used if needs to be accommodated for in the finish work to allow easy access for service later											
Specifications by Model Number:	B-Vent Size	Outside Air Size	Powervent	In-Line Powervent (IN)	VAC	AMP	kW						
4-LC-2-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35						
4-LC-3-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35						
5-LC-2-GL		10" or	RS012	RSIF160	120	5.8	.35						
	8"	640 CFM											
5-LC-3-GL	8"	640 CFM 10" or 640 CFM"	RS012	RSIF160	120	5.8	.35						
5-LC-3-GL 6-LC-2-GL	-	10" or	RS012 RS014	RSIF160 RSIF180	120 120	5.8							
	8"	10" or 640 CFM" 10" or					.35						
6-LC-2-GL	8" 10"	10" or 640 CFM" 10" or 800 CFM 10" or	RS014	RSIF180	120	5.8	.35 .35						
6-LC-2-GL 6-LC-3-GL	8" 10" 10"	10" or 640 CFM" 10" or 800 CFM 10" or 800 CFM 10" or	RS014 RS014	RSIF180 RSIF180	120 120	5.8	.35 .35 .35						
6-LC-2-GL 6-LC-3-GL 7-LC-2-GL 7-LC-3-GL	8" 10" 10" 10"	10" or 640 CFM" 10" or 800 CFM 10" or 800 CFM 10" or 960 CFM 10" or	RS014 RS014 RS014	RSIF180 RSIF180 RSIF180	120 120 120	5.8 5.8 5.8	.35 .35 .35 .35						
6-LC-2-GL 6-LC-3-GL 7-LC-2-GL 7-LC-3-GL Miscellaneous:	8" 10" 10" 10" 10"	10" or 640 CFM" 10" or 800 CFM 10" or 960 CFM 10" or 960 CFM	RS014 RS014 RS014 RS014 RS014	RSIF180 RSIF180 RSIF180 RSIF180	120 120 120 120	5.8 5.8 5.8	.35 .35 .35 .35						
6-LC-2-GL 6-LC-3-GL 7-LC-2-GL 7-LC-3-GL Miscellaneous: LED Glass Media Lights	8" 10" 10" 10" 10" 10" 10" 10" 10" 10" 10	10" or 640 CFM" 10" or 800 CFM 10" or 800 CFM 10" or 960 CFM 10" or	RS014 RS014 RS014 RS014 RS014	RSIF180 RSIF180 RSIF180 RSIF180	120 120 120 120 120 operate.	5.8 5.8 5.8 5.8	.35 .35 .35 .35 .35						
6-LC-2-GL 6-LC-3-GL 7-LC-2-GL	8" 8" 10" 10" 10" 10" 10" 10" The Galaxy Series had the Galaxy Ser	10" or 640 CFM" 10" or 800 CFM 10" or 960 CFM 10" or 960 CFM as standard LED glass Medi	RS014 RS014 RS014 RS014 RS014 a lights and a provinedia in a variety of g set available.	RSIF180 RSIF180 RSIF180 RSIF180 rided remote control to	120 120 120 120 operate.	5.8 5.8 5.8 5.8	.35 .35 .35 .35 .35 .35						
6-LC-2-GL 6-LC-3-GL 7-LC-2-GL 7-LC-3-GL Miscellaneous: LED Glass Media Lights Glass Media	8" 8" 10" 10" 10" 10" 10" 10" 10" 10" 10" 10	10" or 640 CFM" 10" or 800 CFM 10" or 960 CFM 10" or 960 CFM 30" or 960 CFM as standard LED glass Medi omes standard with glass n ee options also available.	RS014 RS014 RS014 RS014 RS014 RS014 ia lights and a prov nedia in a variety of e options with driff mirrored panel to	RSIF180 RSIF180 RSIF180 RSIF180 vided remote control to of colors. If no colors are wood over the glass me	120 120 120 120 operate. specified, the fire	5.8 5.8 5.8 5.8 place will go out st. n. Image to be prov	.35 .35 .35 .35 .35 .35 .35						

Zone Heating Option. Redirect heat from top of firebox back into the room. Works best with Single Sided and See-Through models. N/A for Four-sided models.

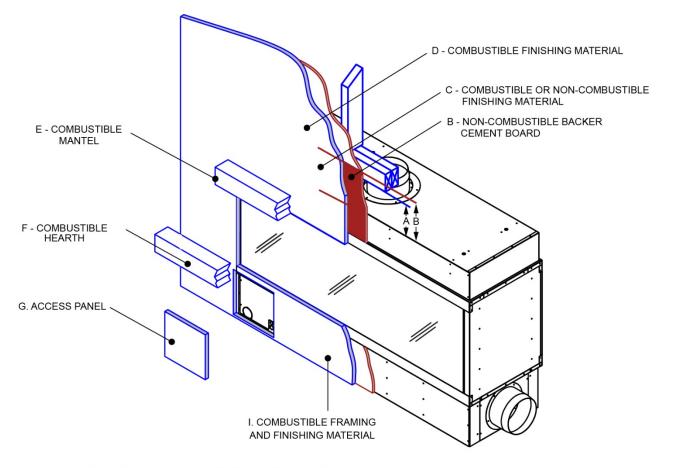
Comfort Choice





MODEL #	А	В	с	D	E	F	G	н	I	Framing Width	Framing Height	Framing Depth*
4-LC-2-GL	48-13/32"	24"	24"	18-9/16"	53-3/4"	26-7/8"	24"	42"	50"	54-3/4"	56"	25"
5-LC-2-GL	60-13/32"	24"	24"	18-9/16"	65-3/4"	32-7/8"	24"	42"	50"	66-3/4"	56"	25"
6-LC-2-GL	72-13/32"	24"	24"	18-9/16"	77-3/4"	38-7/8"	24"	42"	50"	78-3/4"	56"	25"
7-LC-2-GL	84-13/32"	24"	24"	18-9/16"	89-3/4"	44-7/8"	24"	42"	50"	90-3/4"	56"	25"
4-LC-3-GL	48-13/32"	36"	36"	18-9/16"	53-3/4"	26-7/8"	24"	54"	62"	54-3/4"	68"	25"
5-LC-3-GL	60-13/32"	36"	36"	18-9/16"	65-3/4"	32-7/8"	24"	54"	62"	66-3/4"	68"	25"
6-LC-3-GL	72-13/32"	36"	36"	18-9/16"	77-3/4"	38-7/8"	24"	54"	62"	78-3/4"	68"	25"
7-LC-3-GL	84-13/32"	36"	36"	18-9/16"	89-3/4"	44-7/8"	24"	54"	62"	90-3/4"	68"	25"
	Non-	combus	hese dim stible mat surface n	t.	*Assumec non-combus	d ½" drywall stible board (





- A. No combustible materials may be within 6" [152mm] of the top of the fireplace.
- B. Non-combustible backer cement board (1/2" minimum) must be used between viewing area opening and 12" [305mm] on the top the full width of the fireplace. 7" [178mm] minimum above the top of the fireplace is recommended for ease of attachment.
- C. Combustible material may cover the non-combustible area mentioned in B.
- D. Combustible finishing materials allowed.
- E. Combustible mantel may be placed above the top of the glass viewing area.
- F. Combustible hearth may be placed below the bottom of the glass viewing area.
- G. Flat covers will cover the components access. Gas and electric inlets are located behind this panel. There are four access panel options all located on the pilot side of the fireplace; front (shown above), side, back and inside behind the glass.
- Please take consideration of which option will be used to access the components during planning.
- I. Combustible framing and finishing materials allowed.

Stellar Hearth Products

A brand of Big Woods Hearth Products, Inc.

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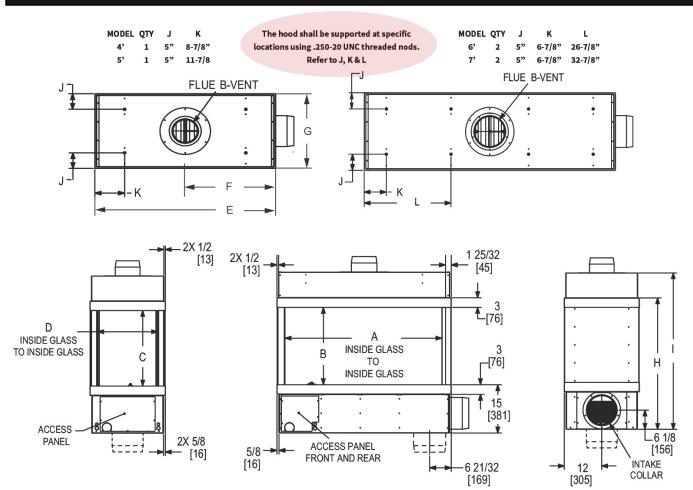
Stellar Hearth Products Custom Fireplace Design & Manufacturing



Galaxy Series	Pier, Co-linear Direct Vent Gas Fireplace Series
Model # Includes:	CAD & BIM drawings available at CADdetails.com or contact Stellar Hearth directly
4-PR-2-GL	4' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
4-PR-3-GL	4' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
5-PR-2-GL	5' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
5-PR-3-GL	5' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
6-PR-2-GL	6' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
6-PR-3-GL	6' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
7-PR-2-GL	7' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
7-PR-3-GL	7' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
Certification Information	
	n must conform with local building codes or in the absence of local building codes, with the ode, ANSI Z223.1/NFPA 54 - Current Edition, or the Natural or Propane Installation Code, CSAB149.1
ANSI Standards	This fireplace series complies with ANSI Z21.50a-2016 – CSA 2.33a-2016 "Vented Fireplace".
UL Certification	The Galaxy Series is covered under the UL Certification Number 20141014-MH48906 and is a part of the Stellar Hearth Custom Fireplace Program.
Commonwealth of Massachusetts	The Galaxy series has been approved by the Board of State of Plumbers and Gas Fitters. Custom Fireplace: Approval # G3-1217-239.
Fireplace Specifications:	
Glass	The fireplace will use the Safe-T-Touch Glass System which has an additional outer layer of glass to control surface temperatures. No additional safety screen is required.
Glass Type	.25" thick tempered glass
Temperatures	120 – 150 Degrees
Firebox Construction:	
Construction	16-gauge aluminized metal (majority)
Clearances to Combustibles	 Left Side, Right Side and Back – 1" Floor – 0 Unit to top of the ceiling – 48" Unit to adjacent side wall – 1" Must use completely non-combustible materials in the non-combustible zone the entire width of the fireplace. Do not use wood, sheetrock, etc. in this zone. Completely non-combustible products (metal) framing may come right up to the fireplace Refer to Section 2 of the installation manual for more details
Dimensions & Framing	See Page 3 For Dimensional Drawings by Model Number
Installation Notes:	 Fireplace is not load bearing Fireplace must be on a level surface capable of supporting the fireplace and venting
Gas Specifications:	
Connection	1/2" NPT gas line connection
Minimum Inlet Pressure Maximum Inlet Pressure	 Natural Gas - 7.0 w.c. Propane - 11.0 w.c. Natural Gas - 10.0 w.c. Propane - 14.0 w.c.
Control Valve	Honeywell, Electronic safety valve
BTU's	BTU's per model number listed in table at the top.
	Refer to Section 7 of the installation manual for more details.

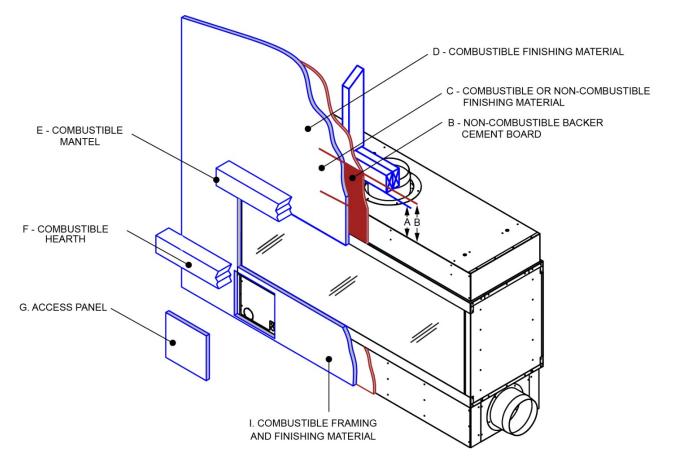
Venting and Outsic	le Air Specific	ations											
	B-Ver	nt type venting must be		model number (see t	able below). UI	/CSA approved B-	Vent Only						
Venting	 Must Refer Vent outsi 	 Must maintain 1" minimum clearance all the way around the B-Vent pipe at all times Refer to vent system manufacturer's pipe installation guidelines for complete installation instructions Vent runs are approved for up to 110 feet with quantity 11, 90-degree elbows. Please consult Stellar Hearth for vent runs outside these parameters Refer to table below (B-Vent Size) and the Galaxy installation Manual Venting Section for more details 											
Flue Damper	Use of flue dam	per is optional. Refer to	Enervex specifi	cations for proper gu	idelines.								
Powervent	belowIf usiCons	series of fireplace uses t w (Powervent & In-Line ng an in-line powervent ult the Enervex installa to table below	Powervent) , must be specif	ied at time of order b	y adding an -IN	I to the end of the	model number						
Outside Air	 Outside air intake connections are provided on the right side and bottom of the fireplace Use only metal pipe or Stellar Hearth approved flex pipe and insulate all exposed against cold/frost Intake pipe must maintain 1.5X the square inches of the flue pipe in free area. Intake screen/vent must be sized appropriately. Failure to do so will result in higher operating temperatures The fireplace may also use room air for combustion. You must plan for the replacement air that is consumed from the room in the fireplace. Refer to table below (Outside Air Size). 												
Electric	• The f code	 120 vac switched power to the fireplace location and the powervent on the roof is required The fireplace, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA70, or the Canadian Electrical Code, Part 1, CSA C22.1 											
Electrical & Valve Access	insta used	fireplace will have four llation manual for place if needs to be accomm nal Tethered control bo	ement and make odated for in the	e sure and plan in adv e finish work to allow	vance of the ins easy access fo	tallation which aco r service later.	cess location will be						
Specifications by Model Number:	B-Vent Size	Outside Air Size	Powervent	In-Line Powervent (IN)	VAC	АМР	kW						
4-PR-2-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35						
4-PR-3-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35						
5-PR-2-GL	8"	10" or 640 CFM	RS012	RSIF160	120	5.8	.35						
5-PR-3-GL	8"	10" or 640 CFM"	RS012	RSIF160	120	5.8	.35						
6-PR-2-GL	10"	10" or 800 CFM	RS014	RSIF180	120	5.8	.35						
6-PR-3-GL	10"	10" or 800 CFM	RS014	RSIF180	120	5.8	.35						
7-PR-2-GL	10"	10" or 960 CFM	RS014	RSIF180	120	5.8	.35						
7-PR-3-GL	10"	10" or 960 CFM	RS014	RSIF180	120	5.8	.35						
Miscellaneous:													
LED Glass Media Lights	The Galaxy Series	has standard LED Glass Me	dia lights and a pr	ovided remote control t	o operate.								
Glass Media		comes standard with Glass one options also available.		y of colors. If no colors a	re specified, the f	ireplace will go out si	andard with Glacier Ice						
Driftwood Log Set & Natural Stone	The Galaxy Series media.	has an optional driftwood	log set available. \	Ve recommend using on	e of the Natural S	Stone options with dr	iftwood over the Glass						
Envision Painted Panels & Mirrors	and has to be at le	nage can be printed on to ast 300 DPI. Optional mirro ames and logs throughout.	ored panels (witho			o .							
Universal Intake &		ination for use with in-line	powervent and ou	itside air-intake. UL Cert	ified. Rain resista	ant, fully insulated an	d can be painted to						
Exhaust Termination	match exterior.												





MODEL #	А	В	с	D	E	F	G	н	I	Framing Width	Framing Height	Framing Depth*
4-PR-2-GL	48-13/32"	24"	24"	19"	53-3/4"	26-7/8"	24"	42"	50"	54-3/4"	56"	25"
5-PR-2-GL	60-13/32"	24"	24"	19"	65-3/4"	32-7/8"	24"	42"	50"	66-3/4"	56"	25"
6-PR-2-GL	72-13/32"	24"	24"	19"	77-3/4"	38-7/8"	24"	42"	50"	78-3/4"	56"	25"
7-PR-2-GL	84-13/32"	24"	24"	19"	89-3/4"	44-7/8"	24"	42"	50"	90-3/4"	56"	25"
4-PR-3-GL	48-13/32"	36"	36"	19"	53-3/4"	26-7/8"	24"	54"	62"	54-3/4"	68"	25"
5-PR-3-GL	60-13/32"	36"	36"	19"	65-3/4"	32-7/8"	24"	54"	62"	66-3/4"	68"	25"
6-PR-3-GL	72-13/32"	36"	36"	19"	77-3/4"	38-7/8"	24"	54"	62"	78-3/4"	68"	25"
7-PR-3-GL	84-13/32"	36"	36"	19"	89-3/4"	44-7/8"	24"	54"	62"	90-3/4"	68"	25"
	Non-	These dimensions represent framing to combustible materials. Non-combustible materials may be used within these dimensions right up to the unit. Steel surface may be covered with non-combustible finishing materials.									d ½" drywall stible board u	





- A. No combustible materials may be within 6" [152mm] of the top of the fireplace.
- B. Non-combustible backer cement board (1/2" minimum) must be used between viewing area opening and 12" [305mm] on the top the full width of the fireplace. 7" [178mm] minimum above the top of the fireplace is recommended for ease of attachment.
- C. Combustible material may cover the non-combustible area mentioned in B.
- D. Combustible finishing materials allowed.
- E. Combustible mantel may be placed above the top of the glass viewing area.
- F. Combustible hearth may be placed below the bottom of the glass viewing area.
- G. Flat covers will cover the components access. Gas and electric inlets are located behind this panel. There are four access panel options all located on the pilot side of the fireplace; front (shown above), side, back and inside behind the glass. Please take consideration of which option will be used to access the components during planning.
- I. Combustible framing and finishing materials allowed.

Stellar Hearth Products

A brand of Big Woods Hearth Products, Inc.

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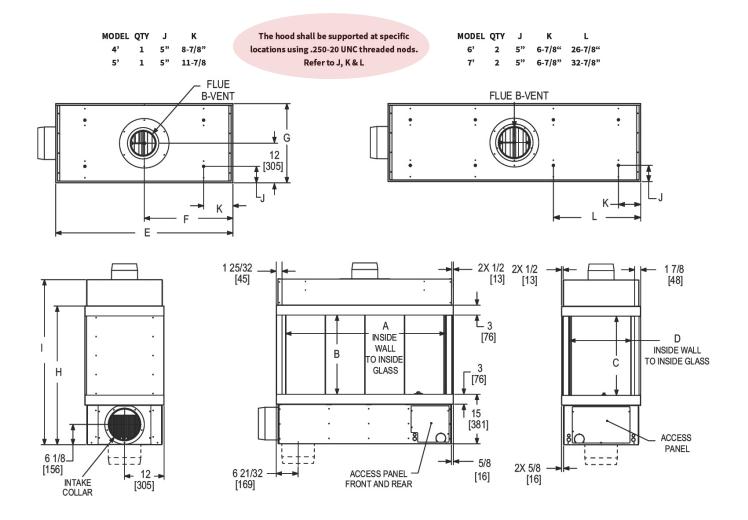
Stellar Hearth Products Custom Fireplace Design & Manufacturing



Galaxy Series	Right Corner, Co-linear Direct Vent Gas Fireplace Series
Model # Includes:	CAD & BIM drawings available at CADdetails.com or contact Stellar Hearth directly
4-RC-2-GL	4' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
4-RC-3-GL	4' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
5-RC-2-GL	5' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
5-RC-3-GL	5' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
6-RC-2-GL	6' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
6-RC-3-GL	6' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
7-RC-2-GL	7' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
7-RC-3-GL	7' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
Certification Information	
	ation must conform with local building codes or in the absence of local building codes, with the as Code, ANSI Z223.1/NFPA 54 - Current Edition, or the Natural or Propane Installation Code, CSAB149.1
ANSI Standards	This fireplace series complies with ANSI Z21.50a-2016 – CSA 2.33a-2016 "Vented Fireplace"
UL Certification	The Galaxy Series is covered under the UL Certification Number 20141014-MH48906 and is a part of the Stellar Hearth Custom Fireplace Program.
Commonwealth of Massachusetts	The Galaxy series has been approved by the Board of State of Plumbers and Gas Fitters. Custom Fireplace: Approval # G3-1217-239
Fireplace Specifications:	
Glass	The fireplace will use the Safe-T-Touch Glass System which has an additional outer layer of Glass to control surface temperatures. No additional safety screen is required.
Glass Type	.25" thick tempered Glass
Temperatures	120 – 150 Degrees
Firebox Construction:	
Construction	16-gauge aluminized metal (majority)
Clearances to Combustibles	 Left Side, Right Side and Back - 1" Floor - 0 Unit to top of the ceiling - 48" Unit to adjacent side wall - 1" Must use completely non-combustible materials in the non-combustible zone the entire width of the fireplace. Do not use wood, sheetrock, etc. in this zone. Completely non-combustible products (metal) framing may come right up to the fireplace Refer to Section 2 of the installation manual for more details
Dimensions & Framing	See Page 3 For Dimensional Drawings by Model Number
Installation Notes:	 Fireplace is not load bearing Fireplace must be on a level surface capable of supporting the fireplace and venting
Gas Specifications:	
Connection	1/2" NPT gas line connection
Minimum Inlet Pressure Maximum Inlet Pressure	 Natural Gas - 7.0 w.c. Propane - 11.0 w.c. Natural Gas - 10.0 w.c. Propane - 14.0 w.c.
Control Valve	Honeywell, Electronic safety valve
BTU's	BTU's per model number listed in table at the top
	Refer to Section 7 of the installation manual for more details

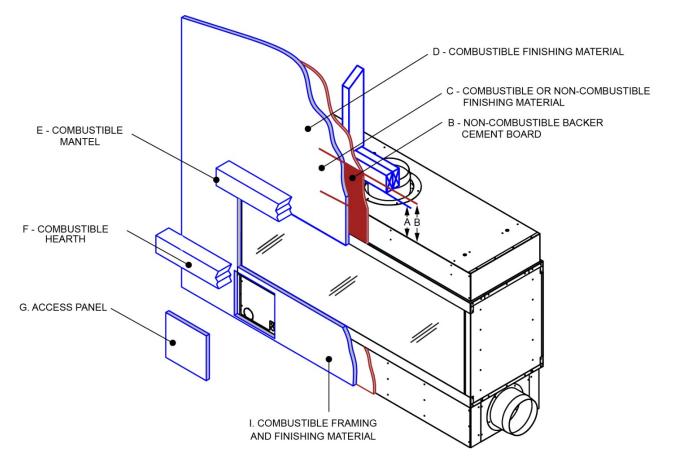
Venting and Outsic	le Air Specifica	ations									
Venting	 B-Vent type venting must be used based on model number (see table below). UL/CSA approved B-Vent Only. Do not decrease the vent size. Must maintain 1" minimum clearance all the way around the B-Vent pipe at all times. Refer to vent system manufacturer's pipe installation guidelines for complete installation instructions. Vent runs are approved for up to 110 feet with quantity 11, 90-degree elbows. Please consult Stellar Hearth for vent runs outside these parameters. Refer to table below (B-Vent Size) and the Galaxy installation Manual Venting Section for more details. 										
Flue Damper	Use of flue damper is optional. Refer to Enervex specifications for proper guidelines.										
Powervent	 This series of fireplace uses the Enervex powervent exhaust system based on the model number. Refer to the table below (Powervent & In-Line Powervent). If using an in-line powervent, must be specified at time of order by adding an -IN to the end of the model number. Consult the Enervex installation manual for all clearance and termination installation requirements. Refer to table below. 										
Outside Air	 Outside air intake connections are provided on the right side and bottom of the fireplace. Use only metal pipe or Stellar Hearth approved flex pipe and insulate all exposed against cold/frost. Intake pipe must maintain 1.5X the square inches of the flue pipe in free area. Intake screen/vent must be sized appropriately. Failure to do so will result in higher operating temperatures. The fireplace may also use room air for combustion. You must plan for the replacement air that is consumed from the room in the fireplace. Refer to table below (Outside Air Size). 										
Electric	 120 vac switched power to the fireplace location and the powervent on the roof is required. The fireplace, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA70, or the Canadian Electrical Code, Part 1, CSA C22.1. Refer to installation manual for electrical schematics and more details on electric. 										
Electrical & Valve Access	 Each fireplace will have four points of access, including through the interior firebox, for installation and service. Refer to installation manual for placement and make sure and plan in advance of the installation which access location will be used if needs to be accommodated for in the finish work to allow easy access for service later. Optional Tethered control box is available and needs to be specified up front as the fireplace is ordered. 										
Specifications by Model Number:	B-Vent Size	Outside Air Size	Powervent	In-Line Powervent (IN)	VAC	АМР	kW				
4-RC-2-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35				
4-RC-3-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35				
5-RC-2-GL	8"	10" or 640 CFM	RS012	RSIF160	120	5.8	.35				
5-RC-3-GL	8"	10" or 640 CFM"	RS012	RSIF160	120	5.8	.35				
6-RC-2-GL	10"	10" or 800 CFM	RS014	RSIF180	120	5.8	.35				
6-RC-3-GL	10"	10" or 800 CFM	RS014	RSIF180	120	5.8	.35				
7-RC-2-GL	10"	10" or 960 CFM	RS014	RSIF180	120	5.8	.35				
7-RC-3-GL	10"	10" or 960 CFM	RS014	RSIF180	120	5.8	.35				
Miscellaneous:											
LED Glass Media Lights	The Galaxy Series	has standard LED Glass Me	dia lights and a pr	ovided remote control	o operate.						
Glass Media		comes standard with glass one options also available.	media in a variety	of colors. If no colors a	re specified, the f	ireplace will go out	standard with Glacier Ice				
Driftwood Log Set & Natural Stone	The Galaxy Series media.	has an optional driftwood	log set available. V	Ve recommend using or	ne of the Natural S	Stone options with o	driftwood over the glass				
Envision Painted Panels & Mirrors	and has to be at le	nage can be printed on to ast 300 DPI. Optional mirro ames and logs throughout.	ored panels (witho								
Universal Intake & Exhaust Termination	Flush mount termi match exterior.	ination for use with in-line	powervent and ou	itside air-intake. UL Cer	tified. Rain resista	int, fully insulated a	nd can be painted to				
Comfort Choice	Zone Heating Opti N/A for Four-sided	on. Redirect heat from top models.	of firebox back in	to the room. Works bes	with Single Sideo	d and See-Through	models.				





MODEL #	A	В	С	D	E	F	G	н	I	Framing Width	Framing Height	Framing Depth*
4-RC-2-GL	48-13/32"	24"	24"	18-9/16"	53-3/4"	26-7/8"	24"	42"	50"	54-3/4"	56"	25"
5-RC-2-GL	60-13/32"	24"	24"	18-9/16"	65-3/4"	32-7/8"	24"	42"	50"	66-3/4"	56"	25"
6-RC-2-GL	72-13/32"	24"	24"	18-9/16"	77-3/4"	38-7/8"	24"	42"	50"	78-3/4"	56"	25"
7-RC-2-GL	84-13/32"	24"	24"	18-9/16"	89-3/4"	44-7/8"	24"	42"	50"	90-3/4"	56"	25"
4-RC-3-GL	48-13/32"	36"	36"	18-9/16"	53-3/4"	26-7/8"	24"	54"	62"	54-3/4"	68"	25"
5-RC-3-GL	60-13/32"	36"	36"	18-9/16"	65-3/4"	32-7/8"	24"	54"	62"	66-3/4"	68"	25"
6-RC-3-GL	72"- 13/32"	36"	36"	18-9/16"	77-3/4"	38-7/8"	24"	54"	62"	78-3/4"	68"	25"
7-RC-3-GL	84-13/32"	36"	36"	18-9/16"	89-3/4"	44-7/8"	24"	54"	62"	91-3/4"	68"	25"
	These dimensions represent framing to combustible materials. Non-combustible materials may be used within these dimensions right up to the unit. Steel surface may be covered with non-combustible finishing materials.								t.	*Assumed non-combus	d ½" drywall stible board u	





- A. No combustible materials may be within 6" [152mm] of the top of the fireplace.
- B. Non-combustible backer cement board (1/2" minimum) must be used between viewing area opening and 12" [305mm] on the top the full width of the fireplace. 7" [178mm] minimum above the top of the fireplace is recommended for ease of attachment.
- C. Combustible material may cover the non-combustible area mentioned in B.
- D. Combustible finishing materials allowed.
- E. Combustible mantel may be placed above the top of the glass viewing area.
- F. Combustible hearth may be placed below the bottom of the glass viewing area.
- G. Flat covers will cover the components access. Gas and electric inlets are located behind this panel. There are four access panel options all located on the pilot side of the fireplace; front (shown above), side, back and inside behind the glass.
- Please take consideration of which option will be used to access the components during planning.
- I. Combustible framing and finishing materials allowed.

Stellar Hearth Products

A brand of Big Woods Hearth Products, Inc.

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Prior Lake, MN 55372

952-224-4072

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Stellar Hearth Products Custom Fireplace Design & Manufacturing

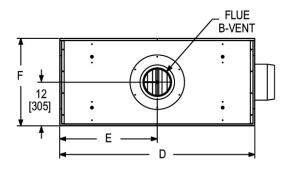


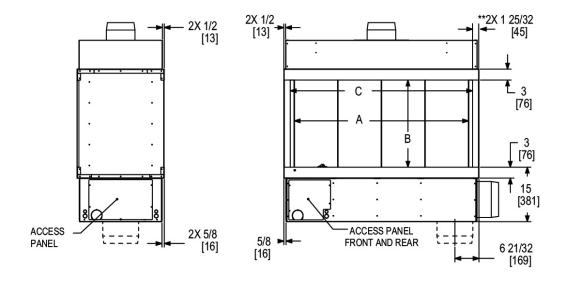
Specification Sheet Galaxy Series Single Sided

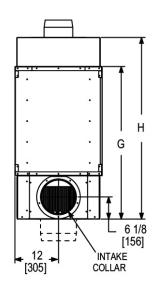
Galaxy Series	Single Sided, Co-linear Direct Vent Gas Fireplace Series
Model # Includes:	CAD & BIM drawings available at CADdetails.com or contact Stellar Hearth directly
4-SS-2-GL	4' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
4-SS-3-GL	4' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
5-SS-2-GL	5' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
5-SS-3-GL	5' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
6-SS-2-GL	6' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
6-SS-3-GL	6' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
7-SS-2-GL	7' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
7-SS-3-GL	7' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
Certification Information	
	lation must conform with local building codes or in the absence of local building codes, with the Gas Code, ANSI Z223.1/NFPA 54 - Current Edition, or the Natural or Propane Installation Code, CSAB149.1
ANSI Standards	This fireplace series complies with ANSI Z21.50a-2016 – CSA 2.33a-2016 "Vented Fireplace"
UL Certification	The Galaxy Series is covered under the UL Certification Number 20141014-MH48906 and is a part of the Stellar Hearth Custom Fireplace Program.
Commonwealth of Massachusetts	The Galaxy series has been approved by the Board of State of Plumbers and Gas Fitters. Custom Fireplace: Approval # G3-1217-239
Fireplace Specifications:	
Glass	The fireplace will use the Safe-T-Touch Glass System which has an additional outer layer of glass to control surface temperatures. No additional safety screen is required.
Glass Type	.25" thick tempered glass
Temperatures	120 – 150 Degrees
Firebox Construction:	
Construction	16-gauge aluminized metal (majority)
Clearances to Combustibles	 Left Side, Right Side and Back – 1" Floor - 0 Unit to top of the ceiling – 48" Unit to adjacent side wall – 1" Must use completely non-combustible materials in the non-combustible zone the entire width of the fireplace. Do not use wood, sheetrock, etc. in this zone. Completely non-combustible products (metal) framing may come right up to the fireplace Refer to Section 2 of the installation manual for more details
Dimensions & Framing	See Page 3 For Dimensional Drawings by Model Number
Installation Notes:	 Fireplace is not load bearing Fireplace must be on a level surface capable of supporting the fireplace and venting
Gas Specifications:	
Connection	1/2" NPT gas line connection
Minimum Inlet Pressure	 Natural Gas – 7.0 w.c. Propane – 11.0 w.c.
Maximum Inlet Pressure	 Natural Gas – 10.0 w.c. Propane – 14.0 w.c.
Control Valve	Honeywell, Electronic safety valve
BTU's	BTU's per model number listed in table at the top
	Refer to Section 7 of the installation manual for more details

Venting and Outsi	de Air Specifica	ations									
Venting	 B-Vent type venting must be used based on model number (see table below). UL/CSA approved B-Vent Only Do not decrease the vent size Must maintain 1" minimum clearance all the way around the B-Vent pipe at all times Refer to vent system manufacturer's pipe installation guidelines for complete installation instructions Vent runs are approved for up to 110 feet with quantity 11, 90-degree elbows. Please consult Stellar Hearth for vent runs outside these parameters Refer to table below (B-Vent Size) and the Galaxy installation Manual Venting Section for more details 										
Flue Damper	Use of flue damper is optional. Refer to Enervex specifications for proper guidelines.										
Powervent	 This series of fireplace uses the Enervex powervent exhaust system based on the model number. Refer to the table below (Powervent & In-Line Powervent) If using an in-line powervent, must be specified at time of order by adding an -IN to the end of the model number Consult the Enervex installation manual for all clearance and termination installation requirements Refer to table below 										
Outside Air	 Outside air intake connections are provided on the right side and bottom of the fireplace Use only metal pipe or Stellar Hearth approved flex pipe and insulate all exposed against cold/frost Intake pipe must maintain 1.5X the square inches of the flue pipe in free area. Intake screen/vent must be sized appropriately. Failure to do so will result in higher operating temperatures The fireplace may also use room air for combustion. You must plan for the replacement air that is consumed from the room in the fireplace. Refer to table below (Outside Air Size) 										
Electric	• The fir codes,	• The fireplace, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA70, or the Canadian Electrical Code, Part 1, CSA C22.1									
Electrical & Valve Access	 Each fireplace will have four points of access, including through the interior firebox, for installation and service. Refer to installation manual for placement and make sure and plan in advance of the installation which access location will be used if needs to be accommodated for in the finish work to allow easy access for service later Optional Tethered control box is available and needs to be specified up front as the fireplace is ordered 										
Specifications by Model Number:	B-Vent Size	Outside Air Size	Powervent	In-Line Powervent (IN)	VAC	АМР	kW				
4-SS-2-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35				
4-SS-3-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35				
5-SS-2-GL	8"	10" or 640 CFM	RS012	RSIF160	120	5.8	.35				
5-SS-3-GL	8"	10" or 640 CFM"	RS012	RSIF160	120	5.8	.35				
6-SS-2-GL	10"	10" or 800 CFM	RS014	RSIF180	120	5.8	.35				
6-SS-3-GL	10"	10" or 800 CFM	RS014	RSIF180	120	5.8	.35				
7-SS-2-GL	10"	10" or 960 CFM	RS014	RSIF180	120	5.8	.35				
7-SS-3-GL	10"	10" or 960 CFM	RS014	RSIF180	120	5.8	.35				
Miscellaneous:											
LED Glass Media Lights	The Galaxy Series ha	as standard LED Glass Med	ia lights and a prov	vided remote control to	operate.						
Glass Media		omes standard with glass n ie options also available.	nedia in a variety c	of colors. If no colors are	specified, the fire	eplace will go out st	andard with Glacier Ice				
Driftwood Log Set & Natural Stone	The Galaxy Series ha media.	as an optional driftwood lo	og set available. We	e recommend using one	of the Natural St	one options with dri	ftwood over the glass				
Envision Painted Panels & Mirrors	has to be at least 30	age can be printed on to a 0 DPI. Optional mirrored p nes and logs throughout.									
Universal Intake & Exhaust Termination	Flush mount termin exterior.	ation for use with in-line p	owervent and out	side air-intake. UL Certif	ied. Rain resistan	t, fully insulated and	d can be painted to match				
Comfort Choice	Zone Heating Optio N/A for Four-sided r	n. Redirect heat from top o nodels.	of firebox back into	the room. Works best w	vith Single Sided	and See-Through m	odels.				



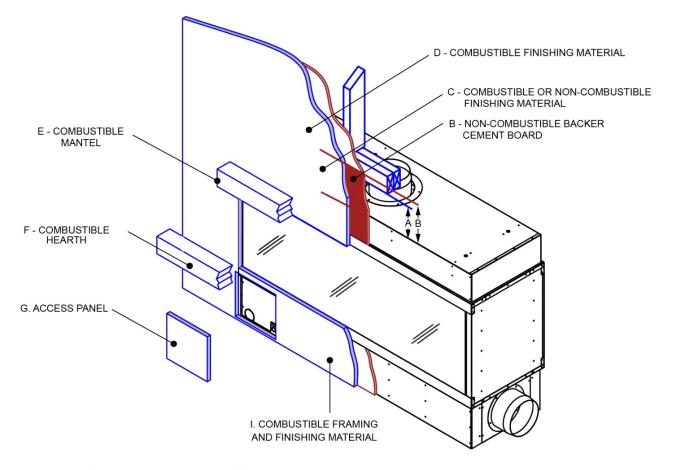






MODEL #	A	В	с	D	E	F	G	н	Framing Width	Framing Height	Framing Depth*
4-SS-2-GL	48"	24"	50-3/16"	53-3/4"	26-7/8"	24"	42"	50"	55-3/4"	56"	25"
5-SS-2-GL	60"	24"	62-3/16"	65-3/4"	32-7/8"	24"	42"	50"	67-3/4"	56"	25"
6-SS-2-GL	72"	24"	74-3/16"	77-3/4"	38-7/8"	24"	42"	50"	79-3/4"	56"	25"
7-SS-2-GL	84"	24"	86-3/16"	89-3/4"	44-7/8"	24"	42"	50"	91-3/4"	56"	25"
4-SS-3-GL	48"	36"	50-3/16"	53-3/4"	26-7/8"	24"	54"	62"	55-3/4"	68"	25"
5-SS-3-GL	60"	36"	62-3/16"	65-3/4"	32-7/8"	24"	54"	62"	67-3/4"	68"	25"
6-SS-3-GL	72"	36"	74-3/16"	77-3/4"	38-7/8"	24"	54"	62"	79-3/4"	68"	25"
7-SS-3-GL	84"	36"	86-3/16"	89-3/4"	44-7/8"	24"	54"	62"	91-3/4"	68"	25"
	These dimensions represent framing to combustible materials. Non-combustible materials may be used within these dimensions right up to the unit. Steel surface may be covered with non-combustible finishing materials.									med ½" dryw nbustible boa	





- A. No combustible materials may be within 6" [152mm] of the top of the fireplace.
- B. Non-combustible backer cement board (1/2" minimum) must be used between viewing area opening and 12" [305mm] on the top the full width of the fireplace. 7" [178mm] minimum above the top of the fireplace is recommended for ease of attachment.
- C. Combustible material may cover the non-combustible area mentioned in B.
- D. Combustible finishing materials allowed.
- E. Combustible mantel may be placed above the top of the glass viewing area.
- F. Combustible hearth may be placed below the bottom of the glass viewing area.
- G. Flat covers will cover the components access. Gas and electric inlets are located behind this panel. There are four access panel options all located on the pilot side of the fireplace; front (shown above), side, back and inside behind the glass.
- Please take consideration of which option will be used to access the components during planning.
- I. Combustible framing and finishing materials allowed.

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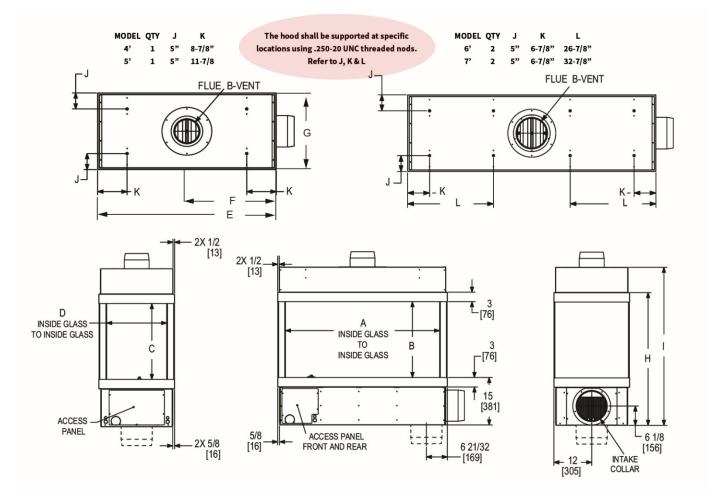
Stellar Hearth Products Custom Fireplace Design & Manufacturing



Galaxy Series	Four-Sided, Co-linear Direct Vent Gas Fireplace Series
Model # Includes:	CAD & BIM drawings available at CADdetails.com or contact Stellar Hearth directly
4-4S-2-GL	4' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
4-4S-3-GL	4' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 60,000 BTU's input/hr
5-4S-2-GL	5' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
5-4S-3-GL	5' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 80,000 BTU's input/hr
6-4S-2-GL	6' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
6-4S-3-GL	6' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 100,000 BTU's input/hr
7-4S-2-GL	7' W x 2' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
7-4S-3-GL	7' W x 3' H Glass Viewing Area, Safe-T-Touch Glass, 120,000 BTU's input/hr
Certification Information	
	n must conform with local building codes or in the absence of local building codes, with the ode, ANSI Z223.1/NFPA 54 - Current Edition, or the Natural or Propane Installation Code, CSAB149.1
ANSI Standards	This fireplace series complies with ANSI Z21.50a-2016 – CSA 2.33a-2016 "Vented Fireplace"
UL Certification	The Galaxy Series is covered under the UL Certification Number 20141014-MH48906 and is a part of the Stellar Hearth Custom Fireplace Program.
Commonwealth of Massachusetts	The Galaxy series has been approved by the Board of State of Plumbers and Gas Fitters. Custom Fireplace: Approval # G3-1217-239.
Fireplace Specifications:	
Glass	The fireplace will use the Safe-T-Touch Glass System which has an additional outer layer of Glass to control surface temperatures. No additional safety screen is required.
Glass Type	.25" thick tempered Glass
Temperatures	120 – 150 Degrees
Firebox Construction:	
Construction	16-gauge aluminized metal (majority)
Clearances to Combustibles	 Left Side, Right Side and Back – 1" Floor - 0 Unit to top of the ceiling – 48" Unit to adjacent side wall – 1" Must use completely non-combustible materials in the non-combustible zone the entire width of the fireplace. Do not use wood, sheetrock, etc. in this zone. Completely non-combustible products (metal) framing may come right up to the fireplace Refer to Section 2 of the installation manual for more details
Dimensions & Framing	See Page 3 For Dimensional Drawings by Model Number
Installation Notes:	 Fireplace is not load bearing Fireplace must be on a level surface capable of supporting the fireplace and venting
Gas Specifications:	
Connection	1/2" NPT gas line connection
Minimum Inlet Pressure	 Natural Gas - 7.0 w.c. Propane - 11.0 w.c.
Maximum Inlet Pressure	 Natural Gas - 10.0 w.c. Propane - 14.0 w.c.
Control Valve	Honeywell, Electronic safety valve
BTU's	BTU's per model number listed in table at the top
	Refer to Section 7 of the installation manual for more details.

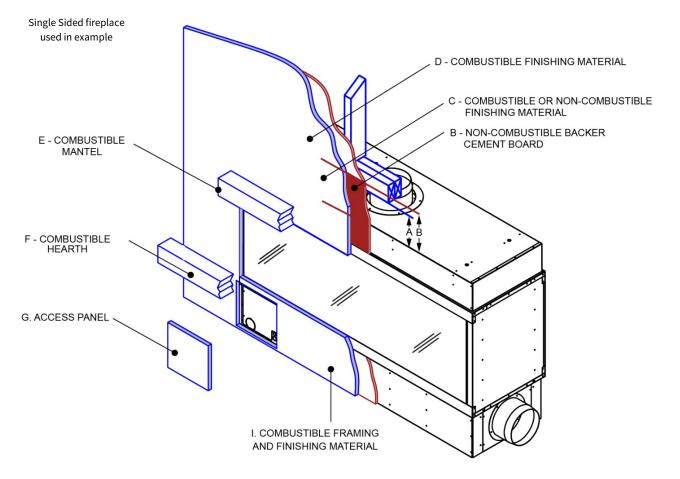
Venting and Outs	ide Air Specifica	ations									
Venting	 B-Vent type venting must be used based on model number (see table below). UL/CSA approved B-Vent Only Do not decrease the vent size Must maintain 1" minimum clearance all the way around the B-Vent pipe at all times Refer to vent system manufacturer's pipe installation guidelines for complete installation instructions Vent runs are approved for up to 110 feet with quantity 11, 90-degree elbows. Please consult Stellar Hearth for vent runs outside these parameters Refer to table below (B-Vent Size) and the Galaxy installation Manual Venting Section for more details 										
Flue Damper	Use of flue damper is optional. Refer to Enervex specifications for proper guidelines.										
Powervent	 This series of fireplace uses the Enervex powervent exhaust system based on the model number. Refer to the table below (Powervent & In-Line Powervent) If using an in-line powervent, must be specified at time of order by adding an -IN to the end of the model number Consult the Enervex installation manual for all clearance and termination installation requirements Refer to table below 										
Outside Air	 Outside air intake connections are provided on the right side and bottom of the fireplace Use only metal pipe or Stellar Hearth approved flex pipe and insulate all exposed against cold/frost Intake pipe must maintain 1.5X the square inches of the flue pipe in free area. Intake screen/vent must be sized appropriately. Failure to do so will result in higher operating temperatures The fireplace may also use room air for combustion. You must plan for the replacement air that is consumed from the room in the fireplace. Refer to table below (Outside Air Size) 										
Electric	• The fire codes, v	• The fireplace, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA70, or the Canadian Electrical Code, Part 1, CSA C22.1									
Electrical & Valve Access	 Each fireplace will have four points of access, including through the interior firebox, for installation and service. Refer to installation manual for placement and make sure and plan in advance of the installation which access location will be used if needs to be accommodated for in the finish work to allow easy access for service later Optional Tethered control box is available and needs to be specified up front as the fireplace is ordered 										
Specifications by Model Number:	B-Vent Size	Outside Air Size	Powervent	In-Line Powervent (IN)	VAC	AMP	kW				
4-4S-2-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35				
4-4S-3-GL	8"	10" or 480 CFM	RS012	RSIF160	120	5.8	.35				
							.55				
5-4S-2-GL	8"	10" or 640 CFM	RS012	RSIF160	120	5.8	.35				
5-4S-2-GL 5-4S-3-GL	8" 8"	640 CFM 10" or	RS012 RS012	RSIF160 RSIF160	120 120	5.8 5.8					
		640 CFM 10" or 640 CFM" 10" or					.35				
5-4S-3-GL	8"	640 CFM 10" or 640 CFM" 10" or 800 CFM 10" or	RS012	RSIF160	120	5.8	.35				
5-4S-3-GL 6-4S-2-GL	8" 10"	640 CFM 10" or 640 CFM" 10" or 800 CFM	RS012 RS014	RSIF160 RSIF180	120 120	5.8	.35 .35 .35				
5-4S-3-GL 6-4S-2-GL 6-4S-3-GL	8" 10" 10"	640 CFM 10" or 640 CFM" 10" or 800 CFM 10" or 800 CFM 10" or	RS012 RS014 RS014	RSIF160 RSIF180 RSIF180	120 120 120	5.8 5.8 5.8	.35 .35 .35 .35				
5-4S-3-GL 6-4S-2-GL 6-4S-3-GL 7-4S-2-GL	8" 10" 10" 10"	640 CFM 10" or 640 CFM" 10" or 800 CFM 10" or 800 CFM 10" or 960 CFM 10" or	RS012 RS014 RS014 RS014	RSIF160 RSIF180 RSIF180 RSIF180	120 120 120 120	5.8 5.8 5.8 5.8 5.8	.35 .35 .35 .35 .35 .35				
5-4S-3-GL 6-4S-2-GL 6-4S-3-GL 7-4S-2-GL 7-4S-3-GL	8" 10" 10" 10" 10"	640 CFM 10" or 640 CFM" 10" or 800 CFM 10" or 800 CFM 10" or 960 CFM 10" or	RS012 RS014 RS014 RS014 RS014 RS014	RSIF160 RSIF180 RSIF180 RSIF180 RSIF180	120 120 120 120 120 120	5.8 5.8 5.8 5.8 5.8	.35 .35 .35 .35 .35 .35				
5-4S-3-GL 6-4S-2-GL 6-4S-3-GL 7-4S-2-GL 7-4S-3-GL Miscellaneous: LED Glass Media	8" 10" 10" 10" 10" 10" The Galaxy Series has The Galaxy Series cor	640 CFM 10" or 640 CFM" 10" or 800 CFM 10" or 960 CFM 10" or 960 CFM	RS012 RS014 RS014 RS014 RS014 RS014	RSIF160 RSIF180 RSIF180 RSIF180 RSIF180 ded remote control to o	120 120 120 120 120 120	5.8 5.8 5.8 5.8 5.8	.35 .35 .35 .35 .35 .35 .35				
5-4S-3-GL 6-4S-2-GL 6-4S-3-GL 7-4S-2-GL 7-4S-3-GL Miscellaneous: LED Glass Media Lights	8" 8" 10" 10" 10" 10" 10" 10" 10" 10" 10" 10	640 CFM 10" or 640 CFM" 10" or 800 CFM 10" or 960 CFM 10" or 960 CFM 300 CFM	RS012 RS014 RS014 RS014 RS014 RS014 RS014	RSIF160 RSIF180 RSIF180 RSIF180 RSIF180 ded remote control to o	120 120 120 120 120 perate.	5.8 1 5.8 1 5.8 1 5.8 1 5.8 1 5.8 1 blace will go out star 1	.35 .35 .35 .35 .35 .35 .35				
5-4S-3-GL 6-4S-2-GL 6-4S-3-GL 7-4S-2-GL 7-4S-3-GL Miscellaneous: LED Glass Media Lights Glass Media	8" 8" 10" 10" 10" 10" 10" 10" 10" 10" 10" 10	640 CFM 10" or 640 CFM" 10" or 800 CFM 10" or 960 CFM 10" or 960 CFM 3 standard LED Glass Media mes standard with Glass me options also available. s an optional driftwood log ge can be printed on to a m DPI. Optional mirrored part	RS012 RS014 RS014 RS014 RS014 RS014 RS014 RS014 RS014 rsolid RS014 RS014 RS014 RS014	RSIF160 RSIF180 RSIF180 RSIF180 RSIF180 ded remote control to o colors. If no colors are s recommend using one o	120 120 120 120 120 120 perate. pecified, the firep f the Natural Stor	5.8 I 5.8 I 5.8 I 5.8 I blace will go out star I blace will go out s	.35 .35 .35 .35 .35 .35 .35 .35 .35 .35				
5-4S-3-GL6-4S-2-GL6-4S-3-GL7-4S-2-GL7-4S-3-GLMiscellaneous:LED Glass MediaLightsGlass MediaDriftwood Log Set and Natural StoneEnvision Painted	8" 8" 10" 10" 10" 10" 10" 10" 10" 10" 10" 10	640 CFM 10" or 640 CFM" 10" or 800 CFM 10" or 960 CFM 10" or 960 CFM 3 standard LED Glass Media mes standard with Glass me options also available. s an optional driftwood log ge can be printed on to a m DPI. Optional mirrored part	RS012 RS014 RS014 RS014 RS014 RS014 RS014 RS014 edia in a variety of set available. We hirrored panel to linels (without print	RSIF160 RSIF180 RSIF180 RSIF180 RSIF180 ded remote control to o colors. If no colors are s recommend using one o ne the interior of the fire ed images) can also be the	120 120 120 120 120 120 perate. pecified, the firep f the Natural Stor sbox as an option used to line the in	5.8 I 5.8 I 5.8 I 5.8 I 5.8 I blace will go out star I ne options with drift I Image to be provid I terior firebox which I	.35 .35 .35 .35 .35 .35 .35 .35 .35 .35				





MODEL #	А	В	с	D	E	F	G	н	I	Framing Width	Framing Height	Framing Depth*
4-4S-2-GL	48-25/32"	24"	24"	19"	53-3/4"	26-7/8"	24"	42"	50"	52-3/4"	56"	23"
5-4S-2-GL	60-25/32"	24"	24"	19"	65-3/4"	32-7/8"	24"	42"	50"	64-3/4"	56"	23"
6-4S-2-GL	72-25/32"	24"	24"	19"	77-3/4"	38-7/8"	24"	42"	50"	76-3/4"	56"	23"
7-4S-2-GL	84-25/32"	24"	24"	19"	89-3/4"	44-7/8"	24"	42"	50"	88-3/4"	56"	23"
4-4S-3-GL	48-25/32"	36"	36"	19"	53-3/4"	26-7/8"	24"	54"	62"	52-3/4"	68"	23"
5-4S-3-GL	60-25/32"	36"	36"	19"	65-3/4"	32-7/8"	24"	54"	62"	64-3/4"	68"	23"
6-4S-3-GL	72-25/32"	36"	36"	19"	77-3/4"	38-7/8"	24"	54"	62"	76-3/4"	68"	23"
7-4S-3-GL	84-25/32"	36"	36"	19"	89-3/4"	44-7/8"	24"	54"	62"	88-3/4"	68"	23"
	These dimensions represent framing to combustible materials. Non-combustible materials may be used within these dimensions right up to the unit. Steel surface may be covered with non-combustible finishing materials.									*Assumec non-combus	l ½" drywall tible board u	





- A. No combustible materials may be within 6" [152mm] of the top of the fireplace.
- B. Non-combustible backer cement board (1/2" minimum) must be used between viewing area opening and 12" [305mm] on the top the full width of the fireplace. 7" [178mm] minimum above the top of the fireplace is recommended for ease of attachment.
- C. Combustible material may cover the non-combustible area mentioned in B.
- D. Combustible finishing materials allowed.
- E. Combustible mantel may be placed above the top of the glass viewing area.
- F. Combustible hearth may be placed below the bottom of the glass viewing area.
- G. Flat covers will cover the components access. Gas and electric inlets are located behind this panel. There are four access panel options all located on the pilot side of the fireplace; front (shown above), side, back and inside behind the glass.
- Please take consideration of which option will be used to access the components during planning.
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