

# ComfortStar®

Air Conditioning & Heating Products

## CG SERIES GAS FURNACE 80%



**Comfort it's in our name**

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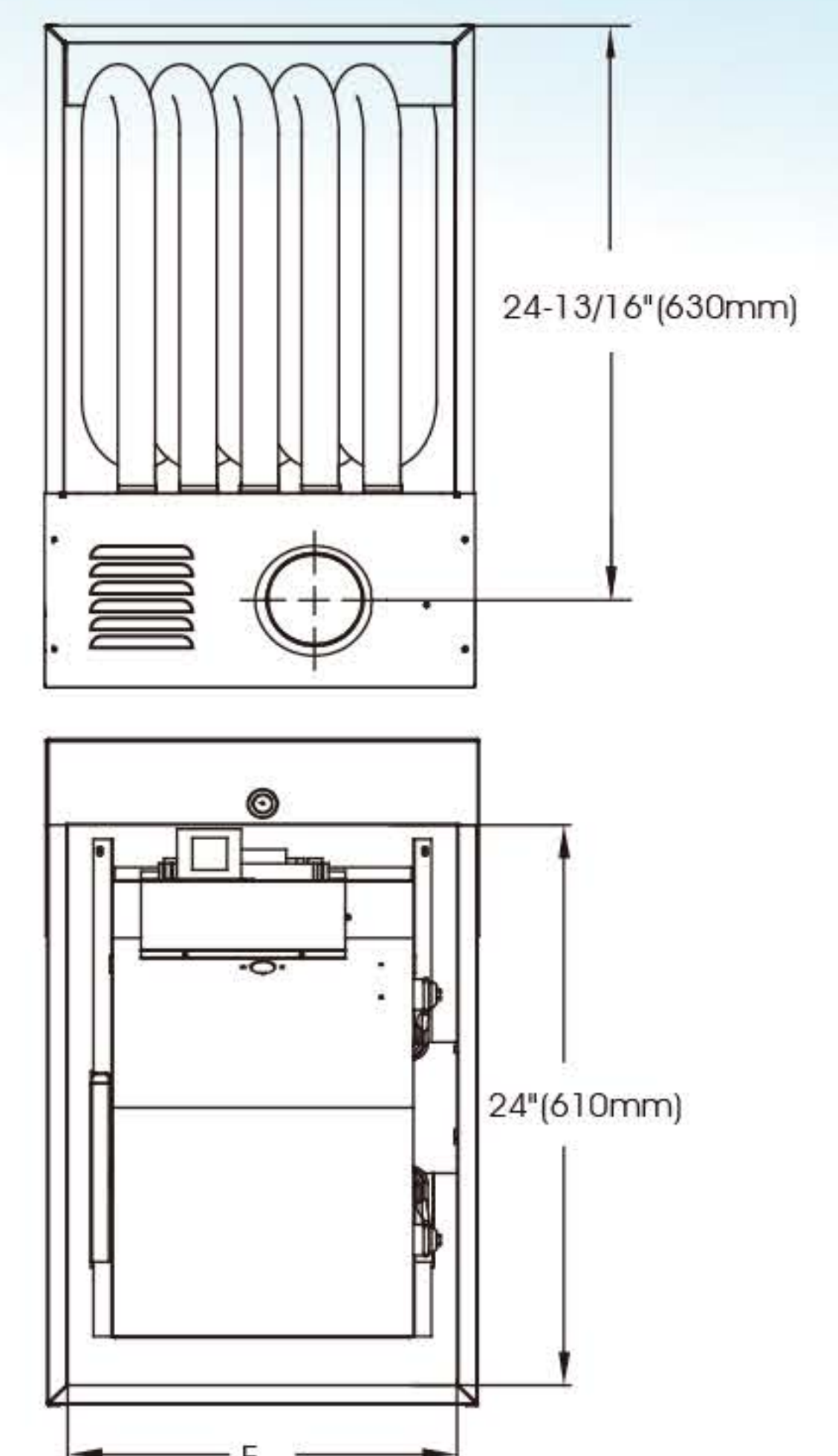
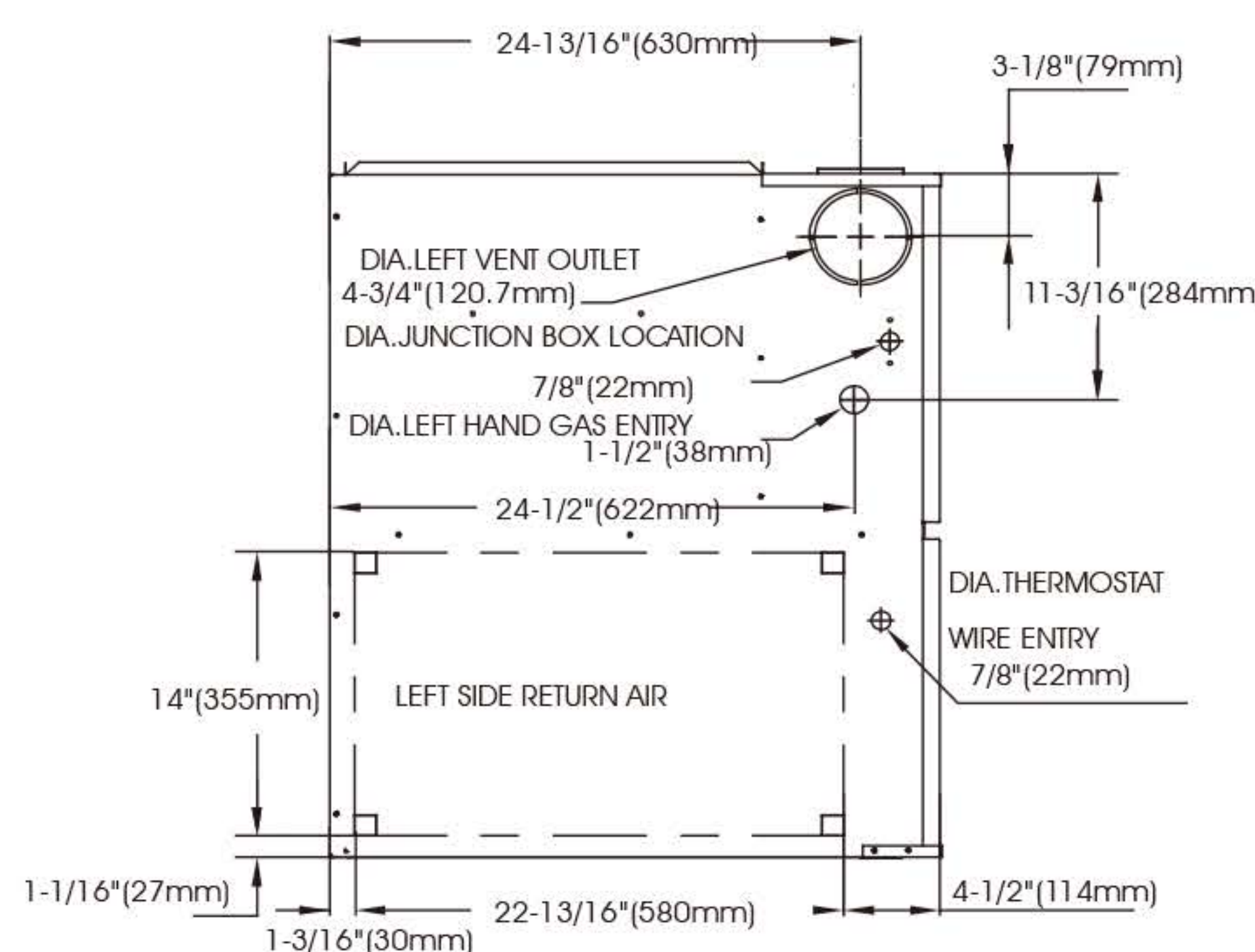
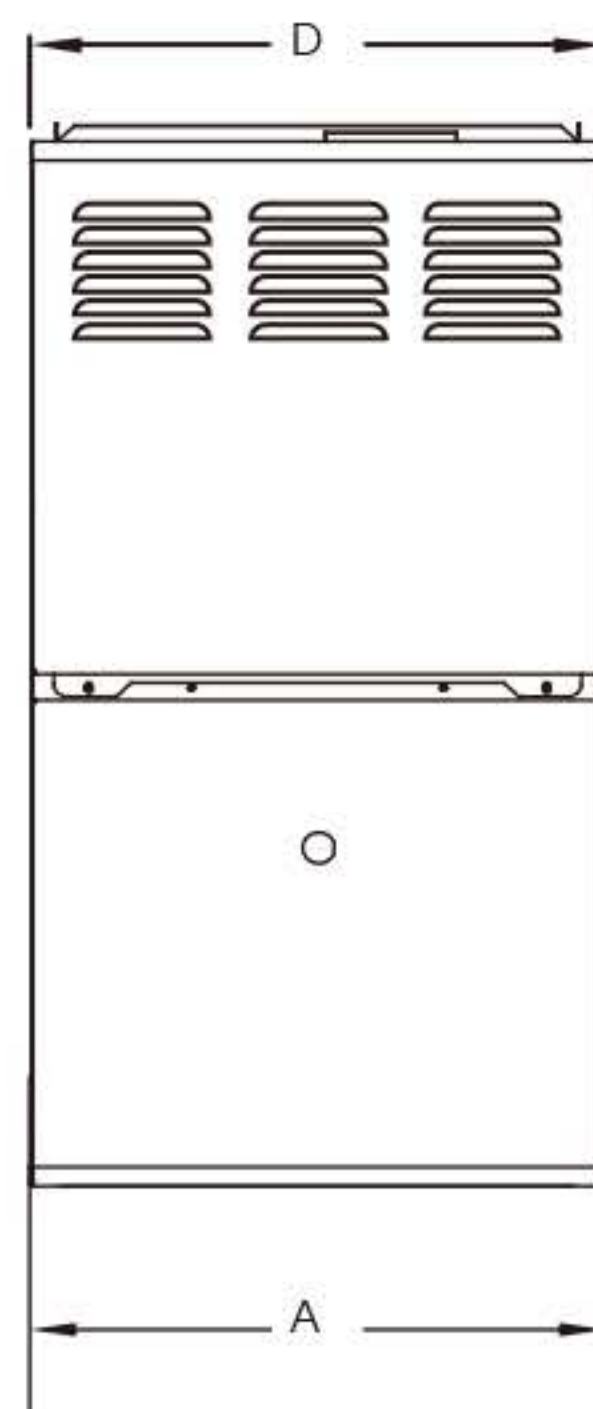
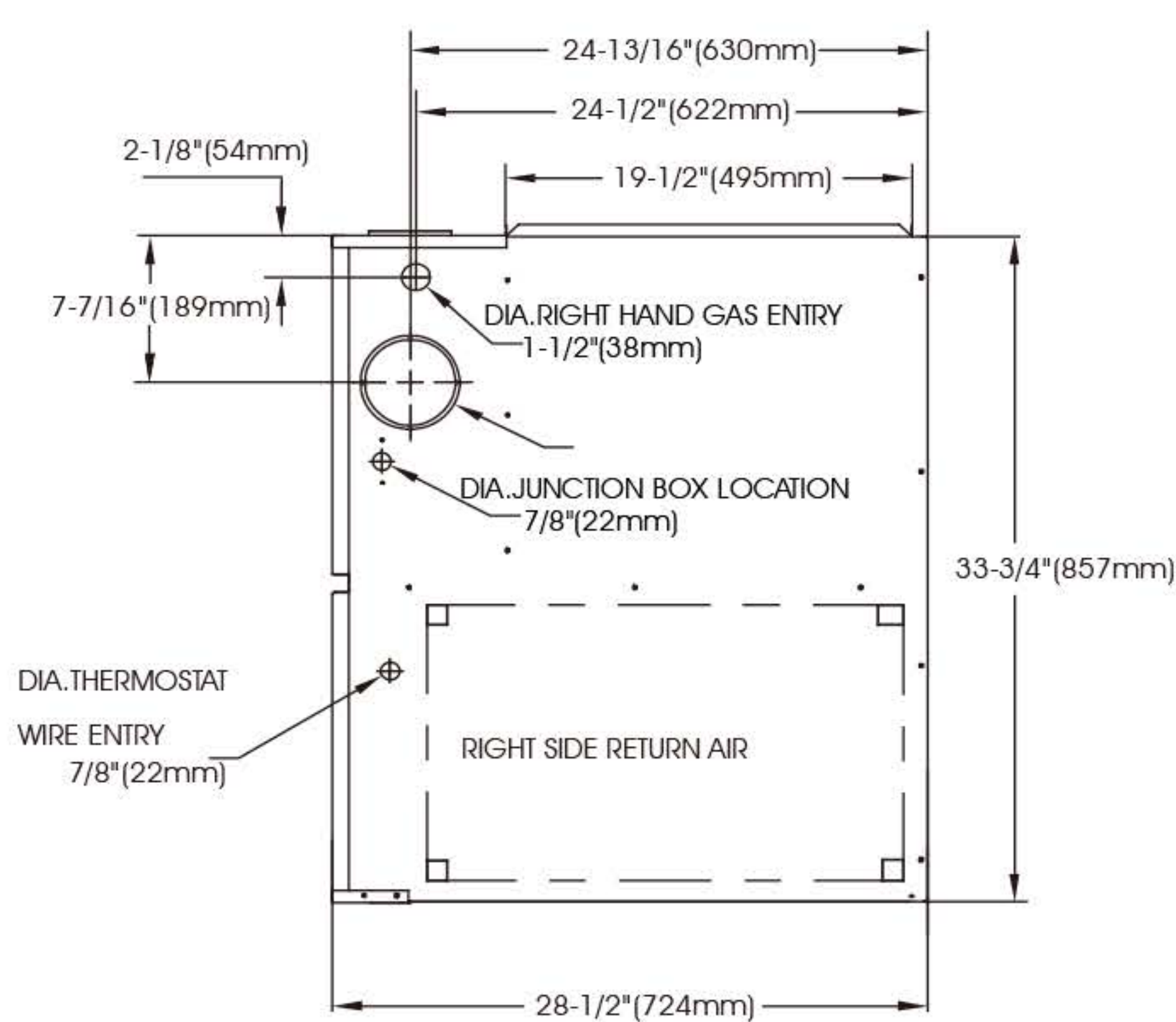
# CG SERIES GAS FURNACE 80%

## STANDARD FEATURES:

- Aluminized steel tubular heat exchanger for long-lasting durability.
- Reliable hot-surface ignition for consistent operation.
- Quiet multi-speed direct-drive blower.
- Convertible for natural gas and propane (LP).
- Adaptable R454b refrigerant leakage sensor, UL60335-2-40 certified.
- Suitable for multi-position installation: Up flow, down flow, horizontal.
- Standard cabinet sizes for easy replacement, installation, and add-on cooling.
- Gas and electric service connection available on either side for convenience.
- Bottom is removable for side or bottom return application.



## DIMENSIONS:



FURNACE SIZE	A CABINET WIDTH IN	D SUPPLY AIR WIDTH IN	E RETURN AIR WIDTH IN	SHIP WT (lbs)
40A3A	14.5	13	15-57/32	119
60A3A	14.5	13	15-57/32	119
60B4A	17.5	16	15-27/32	126
80B4A	17.5	16	15-27/32	139
80C4A	21	19.5	19-13/32	146
100C5A	21	19.5	19-13/32	159
120D5A	24.5	23	22-27/32	170



# CG SERIES GAS FURNACE 80%

## SPECIFICATIONS

MODEL		CG80-040A	CG80-060A	CG80-060B	CG80-080B
		Natural/Propane Gas	Natural/Propane Gas	Natural/Propane Gas	Natural/Propane Gas
GAS HEATING PERFORMANCE	Input (BTU/h)	40,000	60,000	60,000	80,000
	Natural Gas	32,000	48,000	48,000	64,000
	LP Gas	32,000	48,000	48,000	64,000
	AFUE	80	80	80	80
	Available AC @ 0.5" ESP	1/1.5/2/2.5	1.5/2/2.5/3	1.5/2/2.5/3	2.5/3/3.5/4
	Temperature Rise Range (° F)	20-50	25-55	25-55	30-60
ELECTRICAL DATA	Voltage/phase(60Hz)	115	115	115	115
	Min./ Max. Voltage	104/127	104/127	104/127	104/127
	Min. Circuit Ampacity	6	6	6	6
	Max. Overcurrent Protection	15	15	15	15
FAN MOTOR	Motor Type	ECM	ECM	ECM	ECM
	Horsepower	1/2	1/2	1/2	1/2
	Rated RPM	1050	1050	1050	1050
	Full Load Amps (FLA)	8	8	8	8
	Capacitor (uF)	-	-	-	-
CIRCULATOR BLOWER	Material	Metal	Metal	Metal	Metal
	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Size (D x H) (in.)	11-3/16x 6-9/64	11-3/16x 6-9/64	11-3/16x 6-9/64	11-3/16x 6-9/64
	Vent Diameter <sup>1</sup>	3/4"	3/4"	3/4"	3/4"
	No. of Burners	3	3	3	3
	Speed Mode Number	5	5	5	5

## SPECIFICATIONS

MODEL		CG80-080C	CG80-100C	CG80-120D
		Natural/Propane Gas	Natural/Propane Gas	Natural/Propane Gas
GAS HEATING PERFORMANCE	Input (BTU/h)	80,000	100,000	120,000
	Natural Gas	64,000	80,000	96,000
	LP Gas	64,000	80,000	96,000
	AFUE	80	80	80
	Available AC @ 0.5" ESP	2.5/3/3.5/4	3.5/4/4.5/5	3.5/4/4.5/5
	Temperature Rise Range (° F)	30-60	30-60	35-65
ELECTRICAL DATA	Voltage/phase(60Hz)	115	115	115
	Min./ Max. Voltage	104/127	104/127	104/127
	Min. Circuit Ampacity	6	12.3	13
	Max. Overcurrent Protection	15	20	20
FAN MOTOR	Motor Type	ECM	ECM	ECM
	Horsepower	1/2	1	1
	Rated RPM	1050	1050	1050
	Full Load Amps (FLA)	8	14	14
	Capacitor (uF)	-	-	-
CIRCULATOR BLOWER	Material	Metal	Metal	Metal
	Type	Centrifugal	Centrifugal	Centrifugal
	Size (D x H) (in.)	11-3/16x 11-3/16	11-3/16x 11-3/16	12-6/8X 11-1/4
	Vent Diameter <sup>1</sup>	3/4"	3/4"	3/4"
	No. of Burners	5	6	7
	Speed Mode Number	5	5	5

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