

ComfortStar®

Air Conditioning & Heating Products



80% CG-7 SERIES GAS FURNANCE

Comfort, it's in our name.



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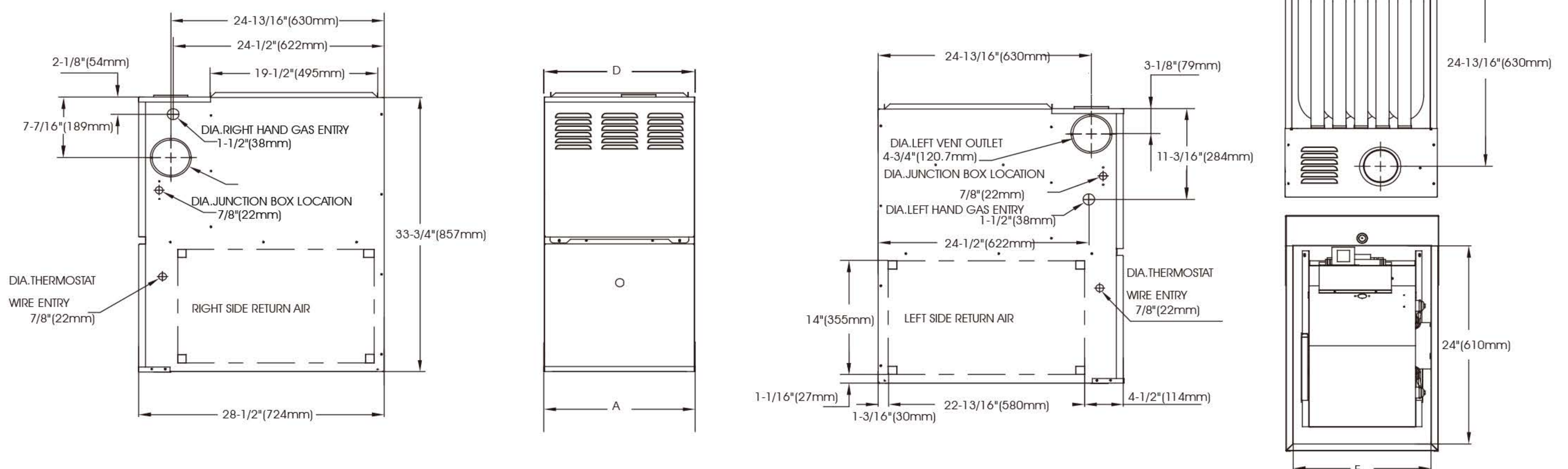
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STANDARD FEATURES:

- 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 ARI WIDTH IN	SHIPWT (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

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SPECIFICATIONS

MODEL		CG7-80-040A	CG7-80-060A	CG7-80-060B	CG7-80-080B
		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	MotorType	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 Diameter¹	3"/4"	3"/4"	3"/4"	3"/4"
	No. of Burners	3	3	3	3
	Speed Mode Number	5	5	5	5

SPECIFICATIONS

MODEL		CG7-80-080C	CG7-80-100C	CG7-80-120D
		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	MotorType	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 Diameter¹	3"/4"	3"/4"	3"/4"
	No. of Burners	5	6	7
	Speed Mode Number	5	5	5



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