



# Submittal

## Split System Cooling

96U120D5C(273)

Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Submitted to: \_\_\_\_\_  
Submitted by: \_\_\_\_\_  
Reference: \_\_\_\_\_

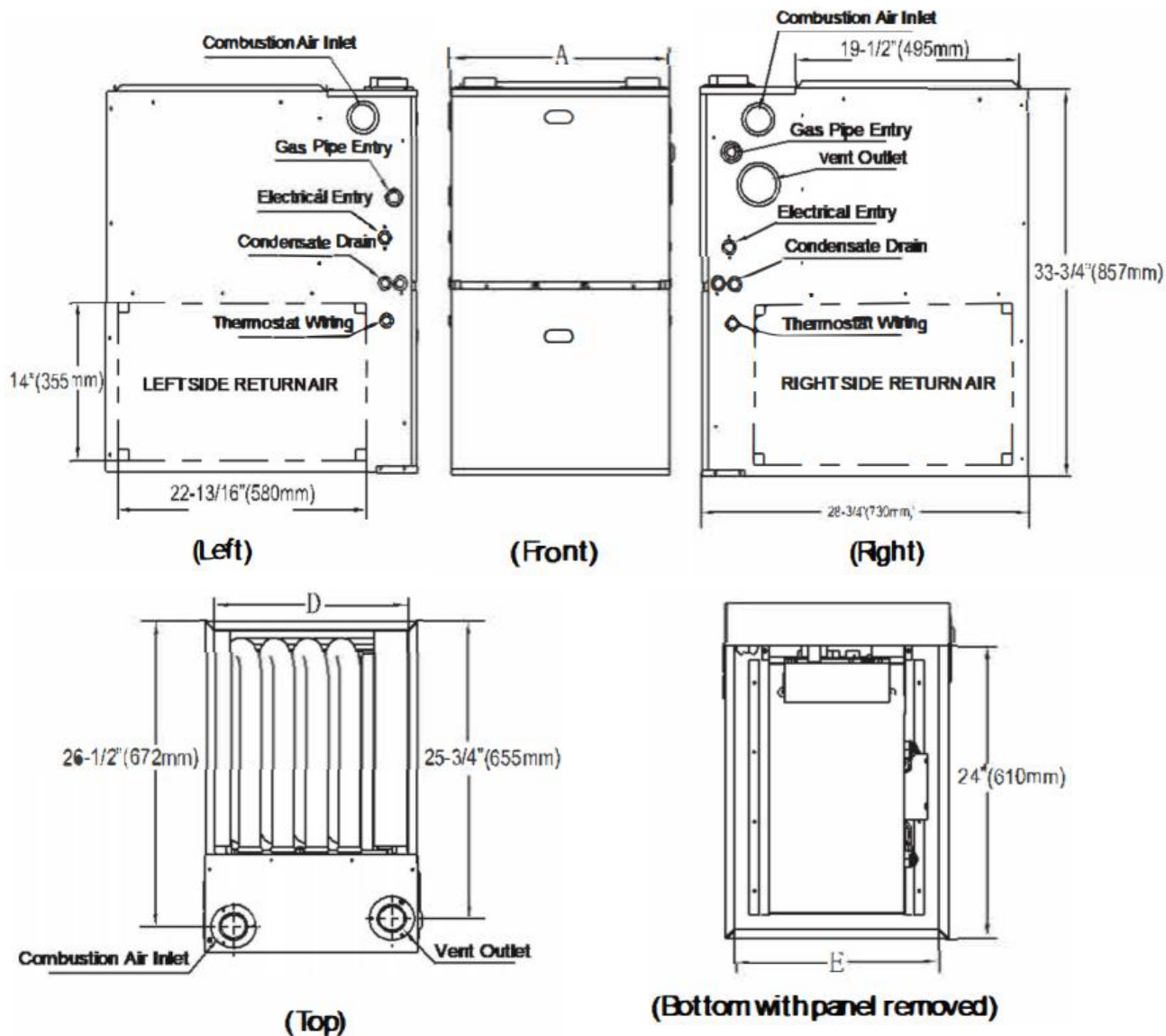
Approval: \_\_\_\_\_  
Date: \_\_\_\_\_  
Construction: \_\_\_\_\_  
Unit # : \_\_\_\_\_  
Drawing # : \_\_\_\_\_



Note: "Graphics in this document are for representation  
only. Actual model may differ in appearance."

# ComfortStar®

## Unit dimension



FURNACE SIZE	A CABINET WIDTH IN.	D SUPPLY AIR WIDTH IN.	E RETURN AIR WIDTH IN.	NET/SHIP WT (lbs)
60B3C	17.5	16	15-57/32	130/147.5
80B3C	17.5	16	15-57/32	139.5/152
80C4C	21	19.5	19-13/32	151/165
100C5C	21	19.5	19-13/32	153/170.5
100D5C	24.5	23	22-27/32	160.5/181.5
120D5C	24.5	23	22-27/32	166/187



## Specification

<b>MODEL</b>	<b>96U120D5C</b>
<b>GAS HEATING PERFORMANCE</b>	
Natural Gas	115000
LP Gas	115000
Low Fire Input (BTU/h)	84000
Natural Gas	80500
LP Gas	80500
AFUE	96
Available AC @ 0.5"ESP	3.5/4/4.5/5
Temperature Rise Range (°F)	40-70
<b>Static pressure(in.w.c)</b>	
Heating	0.2
Cooling	0.5
<b>ELECTRICAL DATA</b>	
Voltage/Phase (60Hz)	115
Min. / Max. Voltage (V)	104/127
Min. Circuit Ampacity (MCA)	10.5
(A)	
Max. Overcurrent Protection	20
(MOP) (A)	
<b>FAN MOTOR</b>	
Motor Type	ECM
Horsepower (HP)	1
Rated RPM	1050
Full Load Amps (FLA) (A)	10.5
Capacitor (uF)	/
<b>CIRCULATOR BLOWER</b>	
Material	Metal
Size (Dx H) (in.)	12-6/8 X 11-1/4
Vent Diameter (in.)	3
No. of Burners	6
Speed Mode Number	5

Outdoor Unit	Indoor Unit	Cooling Capacity	EER2	SEER2	Heating Capacity	HSPF2
MAH7-42	96U120D5C	38500	11.20	13.40	/	/
MAH7-42	96U120D5C	39000	11.20	13.40	/	/
MAH7-48	96U120D5C	45000	11.20	13.40	/	/
MAH7-48	96U120D5C	46500	11.20	13.40	/	/
MAH7-60	96U120D5C	53500	11.20	13.40	/	/
BAR7-36-15	96U120D5C	35600	12.00	15.20	/	/
BAR7-36-15	96U120D5C	35200	11.70	14.30	/	/
BAR7-36-15	96U120D5C	36600	12.00	15.20	/	/
BAR7-42-15	96U120D5C	39000	11.70	14.30	/	/
BAR7-42-15	96U120D5C	39500	12.00	15.20	/	/
BAR7-42-15	96U120D5C	40500	12.00	15.20	/	/
BAR7-48-15	96U120D5C	44000	11.70	14.30	/	/
BAR7-48-15	96U120D5C	45000	12.00	15.20	/	/
BAR7-60-15	96U120D5C	53500	11.20	13.80	/	/
BAH7-36-15	96U120D5C	35200	11.70	14.30	34000	7.50
BAH7-36-15	96U120D5C	34200	11.70	14.30	34200	7.50
BAH7-42-15	96U120D5C	40500	11.70	14.30	38000	7.50
BAH7-42-15	96U120D5C	39500	11.70	14.30	40000	7.50
BAH7-48-15	96U120D5C	44000	11.70	14.30	42000	7.50

# ComfortStar®

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96U120D5C 12th Aug. 2024  
Supersedes 96U120D5C (Aug.2024)

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