



# Submittal

## Split System Cooling

**96M100C5B**

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."



## Unit dimension

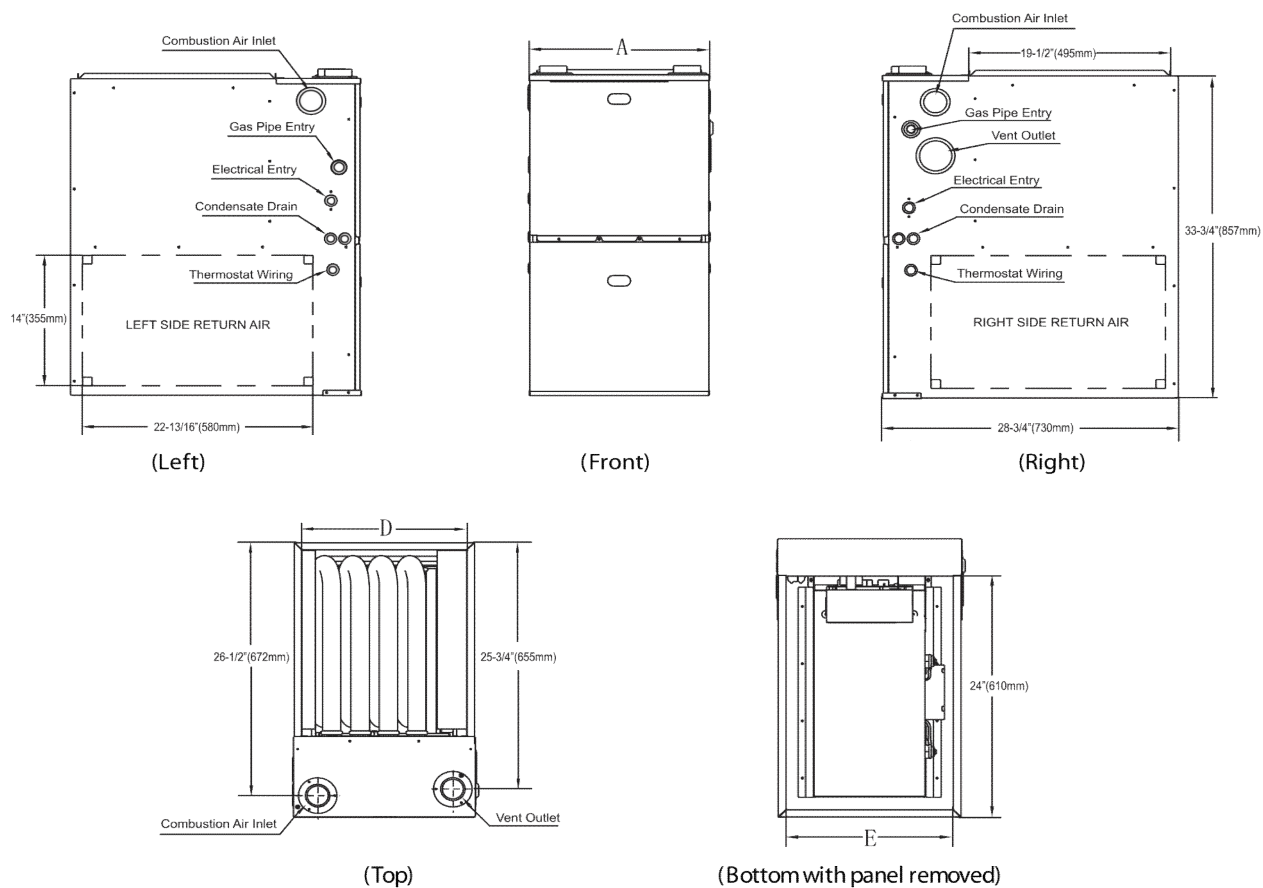


Fig. 1 - Dimensional Drawing

Table 1 - Dimensions

FURNACE SIZE	A CABINET WIDTH IN. (MM)	D SUPPLY- AIR WIDTH IN. (MM)	E RETURN- AIR WIDTH IN. (MM)	NET/SHIP WT (lbs)
60B3B	17.5 (445)	16 (406)	15-27/32 (402)	135/147.5
80B3B	17.5 (445)	16 (406)	15-27/32 (402)	141/153
80C4B	21 (533)	19.5 (495)	19-13/32 (493)	152/165
100C5B	21 (533)	19.5 (495)	19-13/32 (493)	162/173
100D5B	24.5 (622)	23 (584)	22-27/32 (580)	170/185
120D5B	24.5 (622)	23 (584)	22-27/32 (580)	176/190



## Specification

Model			96M100C5B
Fuel Type		-	Natural Gas/Propane Gas
AFUE		%	96
Input	NG/LP(HIGH)	Btu/h	10000
	NG/LP(LOW)	Btu/h	6500
Output	NG/LP(HIGH)	Btu/h	95000
			27835
	NG/LP(LOW)	Btu/h	62000
Air Temperature Rise		°F	35-65
Design Max. Outlet Air Temperature		°F	165
Certified EXT static pressure	Heating	in. WC	0.2
	Cooling	in. WC	0.5
Circulating Blower	Material	-	Metal
	Type	-	x13 ECM
	Diameter blower wheel	Inch	12.8
	Height blower wheel	Inch	11.22
Tons AC @ 0.5" ESP		tons	3.5/4/4.5/5
Circulating Fan Motor	Motor Horsepower	HP	1
Air Flow (0.5 ESP in. WC)	High	CFM	2031
Air Flow (0.5 ESP in. WC)	Mid-High	CFM	1836
Air Flow (0.5 ESP in. WC)	Mid	CFM	1573
Air Flow (0.5 ESP in. WC)	Mid-Low	CFM	1241
Air Flow (0.5 ESP in. WC)	Low	CFM	820
Motor Speeds		# speeds	5
		r/min	1050 (rated)
Power Input	(High)	W	63±10%
Power Input	(Low)	W	42±10%
Max. Inlet Gas Press	Natural Gas	in. WC	10.5
	Propane Gas (LP)	in. WC	13
Min. Inlet Gas Press	Natural Gas	in. WC	4.5
	Propane Gas (LP)	in. WC	11
Flue Vent Diameter		Inch	2"3"
Power supply		V/Hz/PH	115V/60HZ/1PH
Max Overcurrent Protection (MOP)		Amps	20
MAS.Unit Amps		Amps	11.5
Packing Dimension (without pallet)		Inch	(23-1/2)*(31)*(35-1/2)
Packing Dimension (with pallet)		Inch	(23.5)*(31)*(40)
Net Weight (unit only)		lbs	162
Gross Weight		lbs	194.6

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96M100C5B 23 Oct. 2023  
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