



Submittal

Split System Cooling

96M100D5B

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

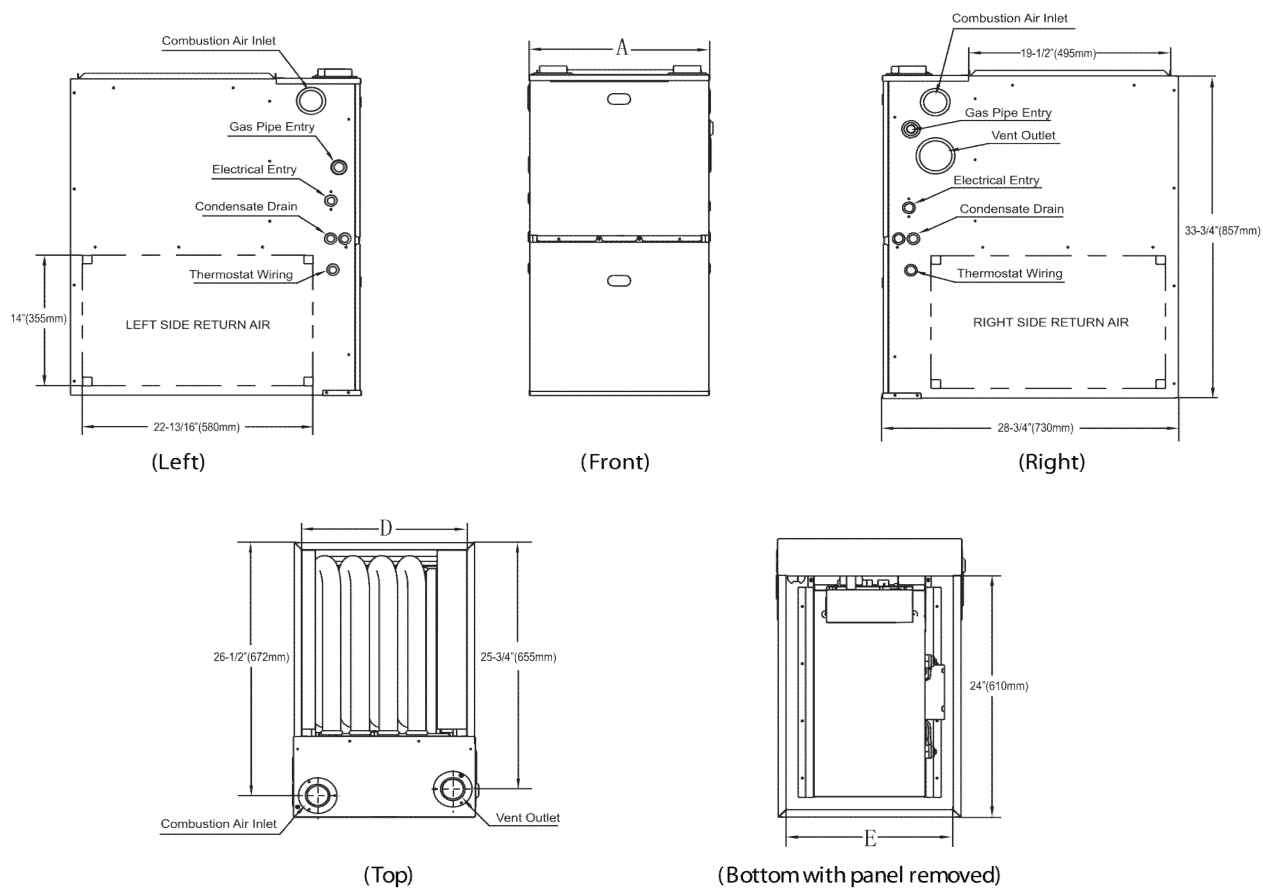


Fig. 1 - Dimensional Drawing

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			96M100D5B
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
Circuating Fan Motor	Motor Horsepower	HP	1
Air Flow (0.5 ESP in. WC)	High	CFM	2095
Air Flow (0.5 ESP in. WC)	Mid-High	CFM	1889
Air Flow (0.5 ESP in. WC)	Mid	CFM	1609
Air Flow (0.5 ESP in. WC)	Mid-Low	CFM	1241
Air Flow (0.5 ESP in. WC)	Low	CFM	802
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	10.5
Packing Dimension (without pallet)		Inch	(27)*(31)*(35-1/2)
Packing Dimension (with pallet)		Inch	(27)*(31)*(40)
Net Weight (unit only)		lbs	169.6
Gross Weight		lbs	205.1

ComfortStar®

12201 N W 107th Avenue
Miami, FL 33178
1.866.524.9898 Toll Free
305.500.9898 Office
305.500.9896 Fax
<http://www.comfortstarusa.com>



The AHRI mark indicates Comfortstar participating in the AHRI Certification program. Visit ahridirectory.org for verification of individual certified products. Comfortstar reserves the right to change design and specs without notice. Comfortstar has a policy of update the data continuously. We are committed to using environmentally conscious print practices.

96M100D5B 23 Oct. 2023
Supersedes 96M100D5B (Oct.2023)

© 2023 ComfortStar