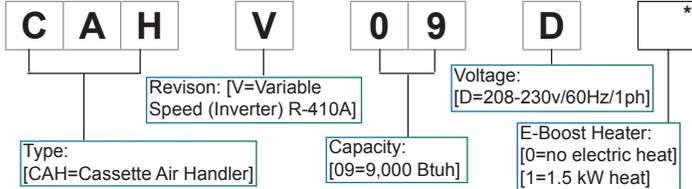


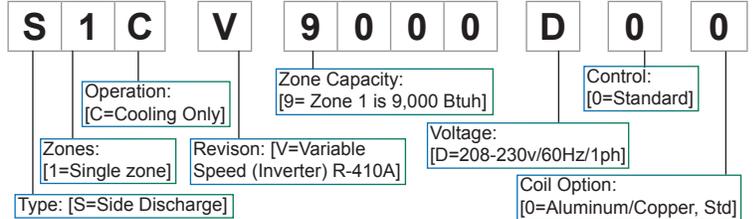
## Single-Zone 9,000 Btuh Ceiling Cassette Variable-Speed Straight Cool Split System

### Indoor Air Handler Model:



Note: A Handheld Infrared Remote Control comes with each, standard

### Outdoor Condenser Model:



Order Quantity of System	
Single-Zone 9,000Btuh Ceiling Cassette Variable-Speed Straight Cool Split System	

\* Select Electric Heat option, exclusively available through dual point power.



Please indicate quantity of optional accessories for <u>each</u> system (max allowed)			
Wired OEM Wall Control for indoor air handler (1) *Comes with a single 15' Interconnecting Cord Extension		Wind baffles / hail guard, architectural louver kit (required for cooling operation to 0°F (-18°C) (1)	
15' Interconnecting Cord Extension for Wired OEM Wall Control (10)		Bi-flow Filter Drier (1)	
5 1/4" Ø Discharge Air Duct Collar (see knockout locations on pg2) (2, non-adjacent sides)		Refrigerant line set, 25-feet (Both Tubes Insulated) (Max of 100 EQUIVALENT feet)	
Boost Transformer for 115V Installation. (Not compatible with electric heat) (2-Dual Point Power, 1-Single Point Power)		Refrigerant line set, 50-feet (Both Tubes Insulated) (Max of 100 EQUIVALENT feet)	
Condenser Crankcase Heater Kit, 208/230V (required for low ambient operation) (1)		Spare Handheld Infrared Remote Control, one already comes with every air handler	

### Electrical Specifications

Model #	Volts/Hz/Ph	Fan Motor		Elec Heat		Compressor		Total Amps	Min Volt.	MCA	HACR BRKR
		Amps	HP	Amps	kW	RLA	LRA				
S1CV9000D00	208/230/60/1	0.65	0.11	-	-	4.2	12	5.25	197	6.3	15
CAHV09D0	208/230/60/1	0.4	0.10	-	-	-	-	0.4	197	0.5	15
CAHV09D1	208/230/60/1	0.4	0.10	6.52	1.5	-	-	6.9	197	8.6	15

### Performance — Heat Pump System With Cassette Units

Condenser	Air Handler	Cooling Btuh(kW)	Heating Btuh(kW)	SEER	HSPF	SHR	EER	COP	Ref.
S1CV9000D00	CAHV09D0	9,000 (2.6)	-	15.0	-	0.79	13.0	-	R-410A

### Operating Range

		Outdoor Ambient Temp		Indoor Ambient Temp	
Cooling	Max	115°F (46°C) DB	90°F (32°C) DB		
	Min	* 0°F (-18°C) DB	66°F (19°C) DB		
Heating	Max	70°F (21°C) DB	83°F (28°C) DB		
	Min	-13°F (-25°C) DB	63°F (17°C) DB		

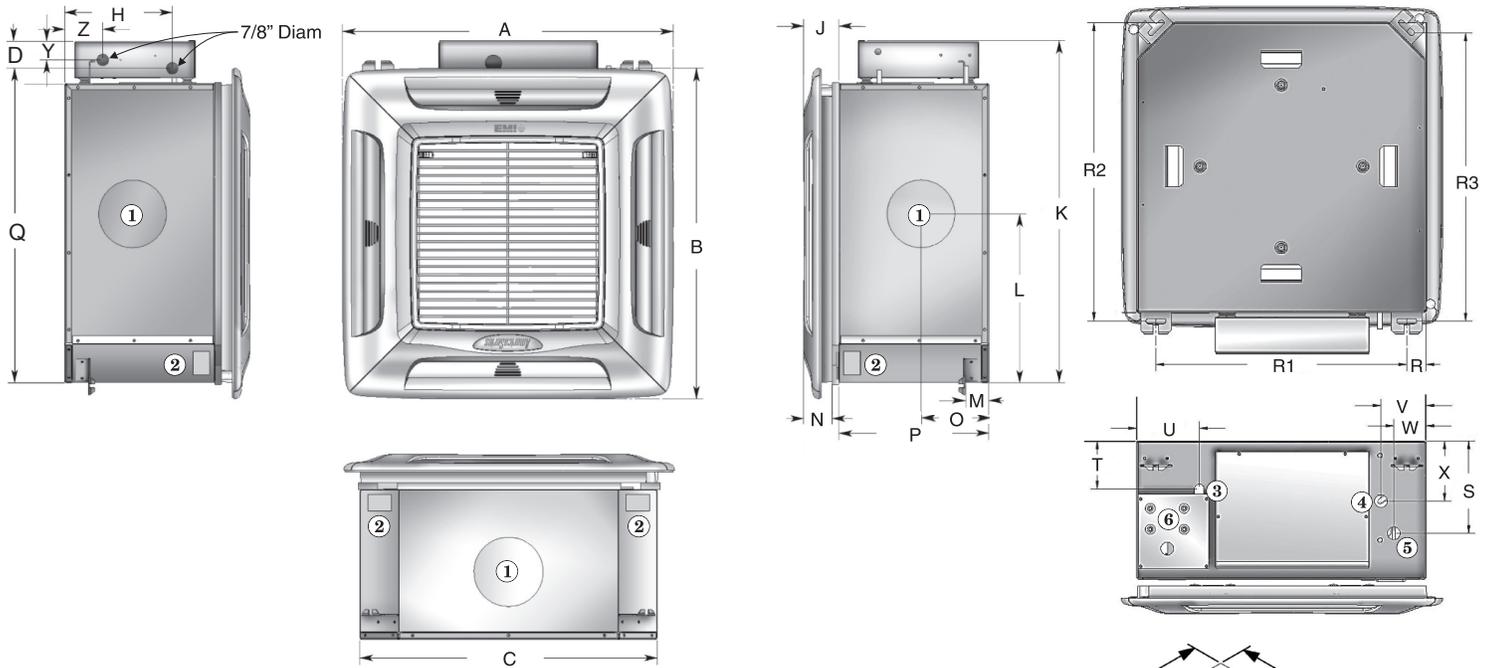
\* With optional wind baffles kit & crankcase heater, otherwise the minimum temp will be 60°F (16°C), 32°F (0°C) with crankcase heater only.



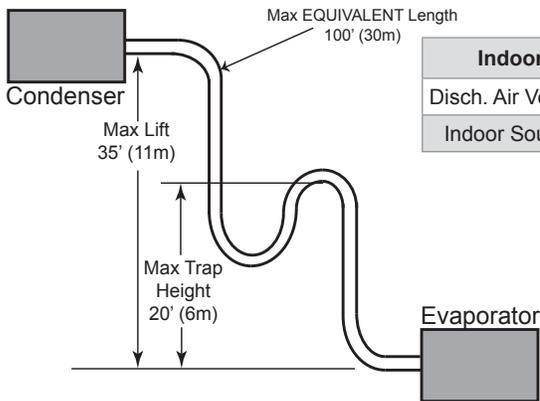
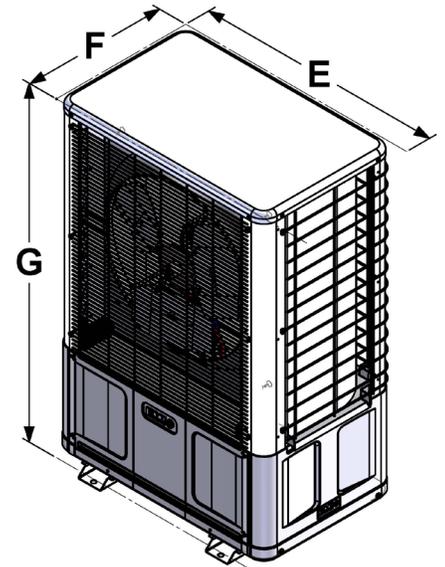
To: \_\_\_\_\_  
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 From: \_\_\_\_\_  
 Contact: \_\_\_\_\_

Project: \_\_\_\_\_  
 Customer: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Unit Tag# \_\_\_\_\_

## Indoor Air Handler & Outdoor Condenser Dimensions



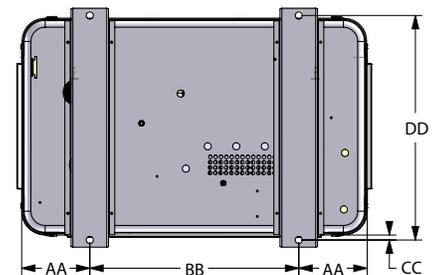
Dim	Inches	mm	Dim	Inches	mm	Dim	Inches	mm	
A	25.00	635	M	1.73	44	U	4.88	124	① Optional Discharge knockouts, 5/4"Ø, 3 available
B	25.00	635	N <sub>(ref)</sub>	2.16	55	V	3.50	89	② Fresh air inlet knockouts, 1 1/4"x2 1/2", 2 available
C	22.50	572	O	5.12	130	W	2.50	64	③ Condensate Discharge, 1/2"Ø
D	2.04	52	P <sub>(ref)</sub>	11.34	288	X	4.69	119	④ Suction Connection, 1/2"
E	24.00	610	Q	22.57	573	Y	1.41	36	⑤ Liquid Connection, 1/4"
F	15.00	381	R <sub>(typ)</sub>	1.50	38	Z	2.88	73	⑥ Condensate Pump Access Panel
G	36.00	914	R1	19.50	495	AA	4.63	117	
H	8.13	207	R2	23.27	591	BB	14.69	373	
J <sub>(ref)</sub>	2.67	68	R3	22.47	571	CC	3.00	76	
K	25.86	657	S	7.19	183	DD	12.44	316	
L	12.76	324	T	3.73	95				



Indoor Fan Details	High	Med	Low
Disch. Air Volume [CMF (L/S)]	380 (180)	355 (169)	335 (158)
Indoor Sound Levels [dBA]	41	40	39

Out/In Model	Factory Charge
S1CV9000D00	* 39.5oz (1120g)
CAHV09D#	
<b>Line Charge</b>	0.25 oz/ft (23 g/m)

\* Total charge for the condenser & air handler; condenser shipped from factory with that total charge



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Miscellaneous Technical Data			
<b>Condenser Weight</b>	98 lbs (44.5kg)	<b>Condenser Sound Level (low/High)</b>	61/64 dBA
<b>Air Handler Weight</b>	70 lbs (31.8kg)	<b>Condensate Pump Min Flow Rate</b>	2.5GPH (9.5L/H)
<b>Air Handler Filter</b>	1 washable mesh	<b>Condensate Pump Max Head</b>	* 36" (0.9m)

\* Measured from bottom of drain pan

**NOTICE:** Due to ongoing product development; design, specification and performance data listed within this submittal document are subject to change without notice. For the most current unit/system performance data, please refer to the ECR International listing of certified products in the AHRI directory, at www.ahridirectory.org. Please consult the factory for further information.