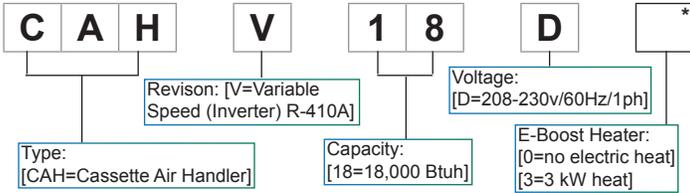


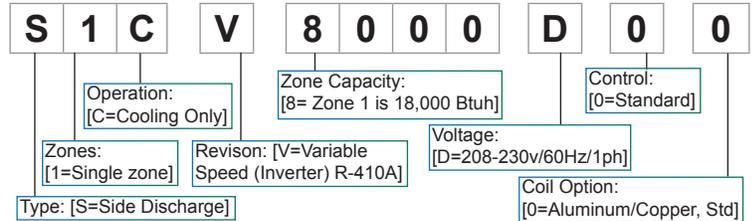
## Single-Zone 18,000 Btuh Ceiling Cassette Variable-Speed Straight Cool Split System

### Indoor Air Handler Model:



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

### Outdoor Condenser Model:



Order Quantity of System	
Single-Zone 18,000Btuh 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				
S1CV8000D00	208/230/60/1	0.65	0.11	-	-	9.9	15	11.15	197	6.3	15
CAHV18D0	208/230/60/1	0.6	0.125	-	-	-	-	0.6	197	0.7	15
CAHV18D3	208/230/60/1	0.6	0.125	13.04	3	-	-	13.6	197	17	20

### Performance — Heat Pump System With Cassette Units

Condenser	Air Handler	Cooling Btuh(kW)	Heating Btuh(kW)	SEER	HSPF	SHR	EER	COP	Ref.
S1CV8000D00	CAHV18D0	18,000 (5.3)	-	17.0	-	0.74	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.

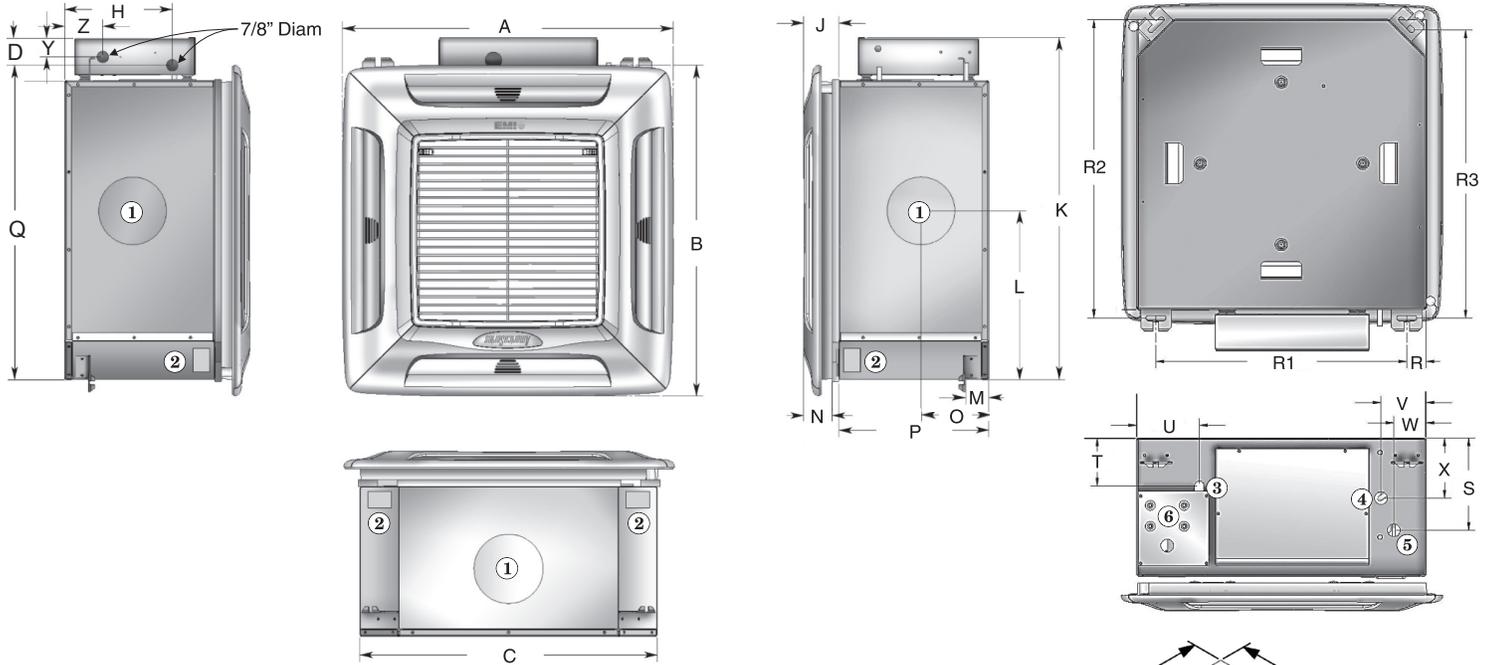


To: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 From: \_\_\_\_\_  
 Contact: \_\_\_\_\_

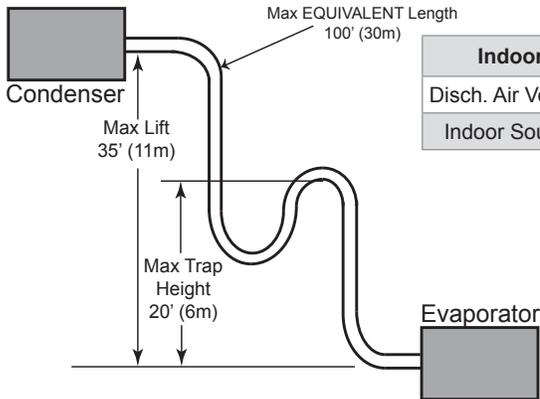
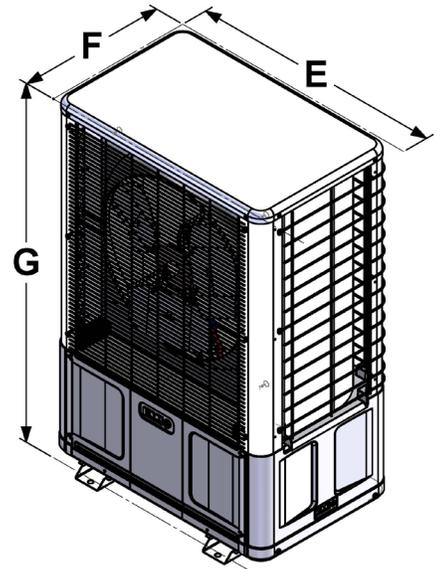
Project: \_\_\_\_\_  
 Customer: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Unit Tag# \_\_\_\_\_

For Your:  Reference  Approval  Construction

# Indoor Air Handler & Outdoor Condenser Dimensions



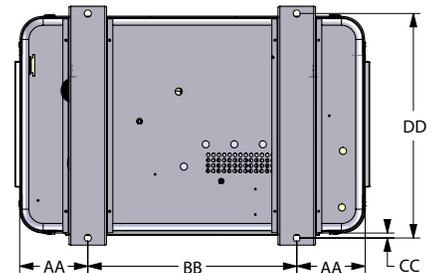
Dim	Inches	mm	Dim	Inches	mm	Dim	Inches	mm	
A	37.00	940	M	1.97	50	U	5.50	140	① Optional Discharge knockouts, 5 1/4"Ø, 3 available
B	37.00	940	N <sub>(ref)</sub>	2.72	69	V	4.93	125	② Fresh air inlet knockouts, 3"x3", 2 available
C	32.44	824	O	5.12	130	W	3.97	101	③ Condensate Discharge, 1/2"Ø
D	2.00	51	P <sub>(ref)</sub>	12.05	306	X	4.37	111	④ Suction Connection: 5/8", bush from 3/4" @ CAHV
E	32.00	813	Q	30.40	772	Y	1.41	36	⑤ Liquid Connection: 3/8"
F	15.00	381	R <sub>(typ)</sub>	1.63	41	Z	3.65	93	⑥ Condensate Pump Access Panel
G	40.00	1016	R1	29.19	741	AA	4.63	117	
H	8.90	226	R2	31.20	792	BB	22.69	570	
J <sub>(ref)</sub>	3.38	86	R3	30.41	772	CC	3.00	76	
K	35.61	904	S	6.87	174	DD	12.44	316	
L	18.69	475	T	2.58	66				



Indoor Fan Details	High	Med	Low
Disch. Air Volume [CMF (L/S)]	700 (330)	660 (312)	620 (293)
Indoor Sound Levels [dBA]	44	43	42

Out/In Model	Factory Charge
S1CV8000D00	* 54.0oz (1531g)
CAHV18D#	
<b>Line Charge</b>	0.64 oz/ft (59 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>	108 lbs (49.1kg)	<b>Condenser Sound Level (low/High)</b>	65/68 dBA
<b>Air Handler Weight</b>	156 lbs (70.76kg)	<b>Condensate Pump Min Flow Rate</b>	2.5GPH (9.5L/H)
<b>Air Handler Filter</b>	2 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](http://www.ahridirectory.org). Please consult the factory for further information.