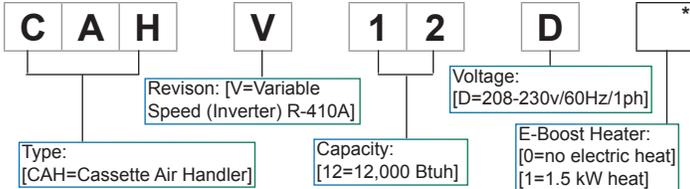


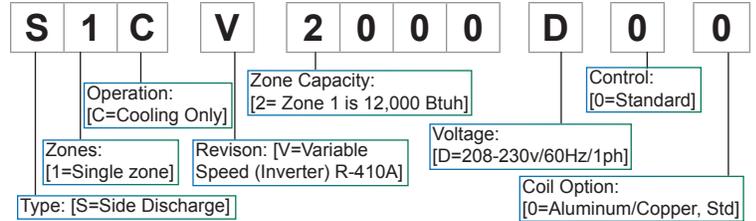
## Single-Zone 12,000 Btuh Ceiling Cassette Variable-Speed Straight Cool Split System

### Indoor Air Handler Model:



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

### Outdoor Condenser Model:



Order Quantity of System	
Single-Zone 12,000Btuh 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				
S1CV2000D00	208/230/60/1	0.65	0.11	-	-	7.9	12	8.95	197	10.9	15
CAHV12D0	208/230/60/1	0.4	0.10	-	-	-	-	0.4	197	0.5	15
CAHV12D1	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.
S1CV2000D00	CAHV12D0	12,000 (3.5)	-	15.8	-	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: \_\_\_\_\_  
Date: \_\_\_\_\_  
From: \_\_\_\_\_  
Contact: \_\_\_\_\_

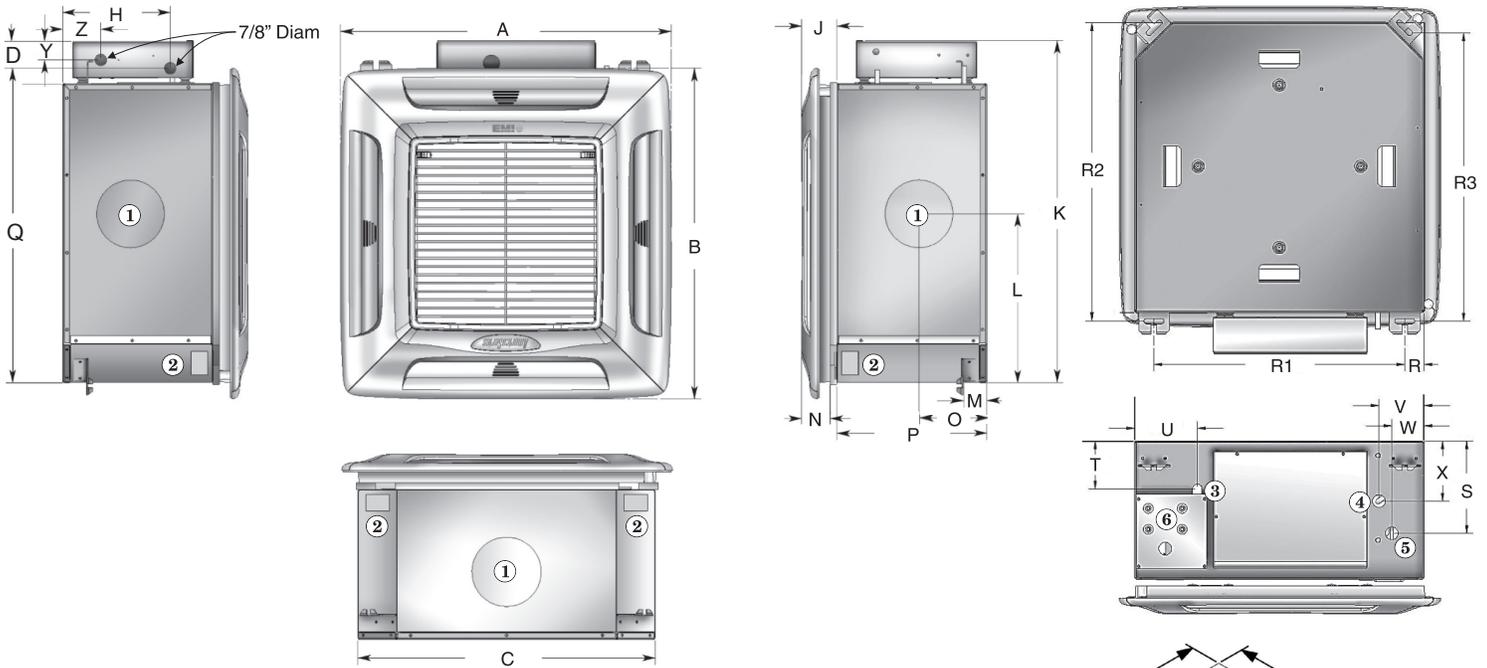
Project: \_\_\_\_\_  
Customer: \_\_\_\_\_  
Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Unit Tag# \_\_\_\_\_

For Your:  Reference

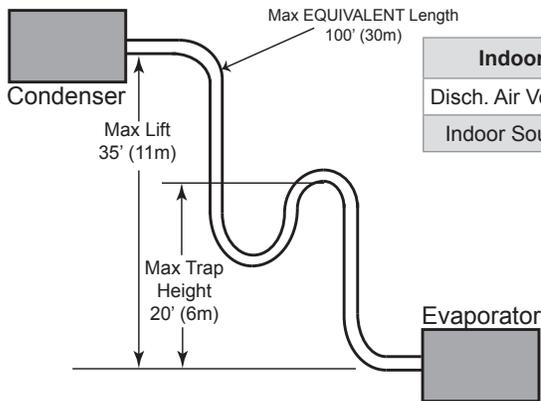
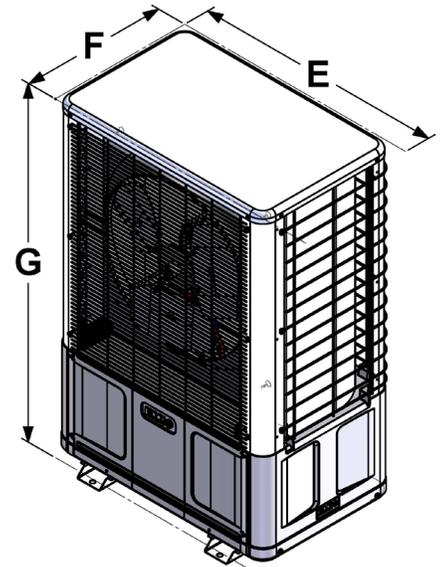
Approval

Construction

## Indoor Air Handler & Outdoor Condenser Dimensions



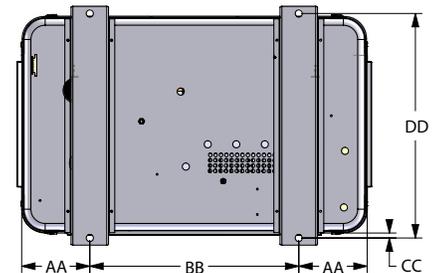
Dim	Inches	mm	Dim	Inches	mm	Dim	Inches	mm	
A	25.00	635	M	1.73	44	U	4.88	124	① Optional Discharge knockouts, 5/4"Ø, 3 available
B	25.00	635	N <sub>(ref)</sub>	2.16	55	V	3.50	89	② Fresh air inlet knockouts, 1 1/4"x2 1/2", 2 available
C	22.50	572	O	5.12	130	W	2.50	64	③ Condensate Discharge, 1/2"Ø
D	2.04	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
S1CV2000D00	* 39.5oz (1120g)
CAHV12D#	
<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



**EnviroMaster International**  
 2201 Dwyer Avenue • Utica, New York 13501  
 Phone: 800.325.5479 • Fax: 866.432.7329  
 E-Mail: emi@enviromaster.com • Web: enviromaster.com

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](http://www.ahridirectory.org). Please consult the factory for further information.