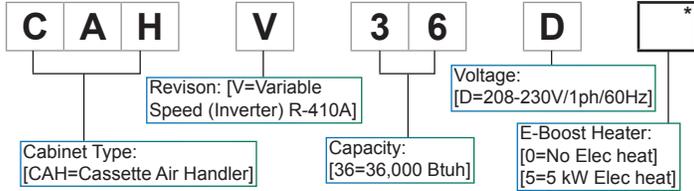


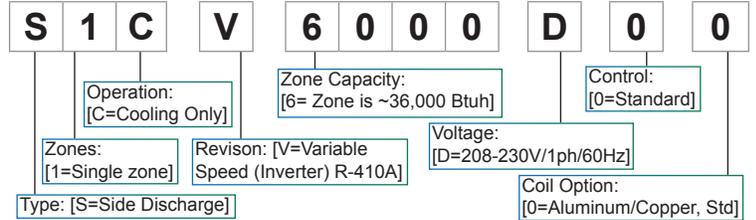
## Single Zone 36,000 Btuh Cassette Variable-Speed Straight Cool Split System

### Indoor Air Handler Model:



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

### Outdoor Condenser Model:



Order Quantity of System	
Single Zone 36,000 Btuh Ceiling Cassette Variable-Speed Straight Cool Split System	
* Select E-Boost Electric Heat option, exclusively available through dual point power.	



### Please indicate quantity of optional accessories for each system (max allowed)

Wired OEM Wall Control for indoor air handler (1) PN 550002581 *Comes with single 15' Interconnecting Cord Extension	Wind baffles / hail guard / architectural louver kit, required for cooling operation to 0°F (-18°C) (1) PN 550002574
15' Interconnecting Cord Extension for Wired OEM Wall Control (10) PN 240009319	Bi-flow Filter Drier, Liquid Line (1) PN 550002576
5"Ø Discharge Air Duct Collar Kit, 2pcs. (knockout locations on pg2) (≤2, non-adjacent sides) PN 240009786	Refrigerant line set, 25-feet (Both Tubes Insulated) (Max of 100 EQUIVALENT feet) PN F0631255A
3"Ø Fresh Air Duct Collar Kit, 3pcs. (knockout locations on pg2) (3-all available locations) PN 240003614	Refrigerant line set, 50-feet (Both Tubes Insulated) (Max of 100 EQUIVALENT feet) PN F0631505A
Condenser Crankcase Heater Kit, 208-230V/1-Ph/60Hz, required for low ambient cooling to 32°F (0°C) (1) PN 550002575	Spare Handheld Infrared Remote Control, one already comes with every air handler PN 240009317

### Electrical Specifications — Dual Point Power

Model #	Volts/Ph/Hz	Fan Motor		Elec Heat		Compressor		Total Amps	Min Volt.	MCA	HACR BRKR
		Amps	HP	Amps	kW	RLA	LRA				
S1CV6000D00	208-230/1/60	1.3	0.25	-	-	20.6	25	21.9	197	27.1	45
CAHV36D0	208-230/1/60	0.5, 0.5	0.1, 0.1	-	-	-	-	1.0	197	1.2	15
CAHV36D5	208-230/1/60	0.5, 0.5	0.1, 0.1	21.74	5	-	-	22.7	197	28.3	30

### Performance — Straight Cool System with Cassette Air Handler

Condenser	Air Handler	Cooling Btuh(kW)	Heating Btuh(kW)	SEER	HSPF	SHR	EER	COP	Ref.
S1CV6000D00	CAHV36D0	36,600 (10.7)	-	14.25	-	0.74	9.9	-	R-410A

### Operating Range

		Outdoor Ambient Temp	Indoor Set Temp
Cooling	Max	115°F (46°C) DB	90°F (32°C) DB
	Min	* 0°F (-18°C) DB	55°F (13°C) DB

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



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

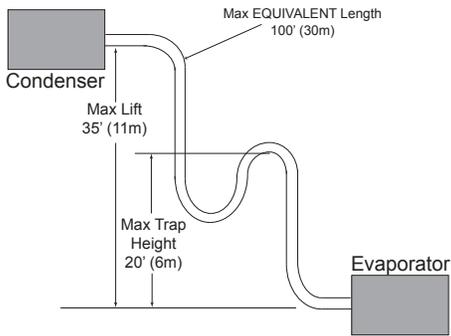
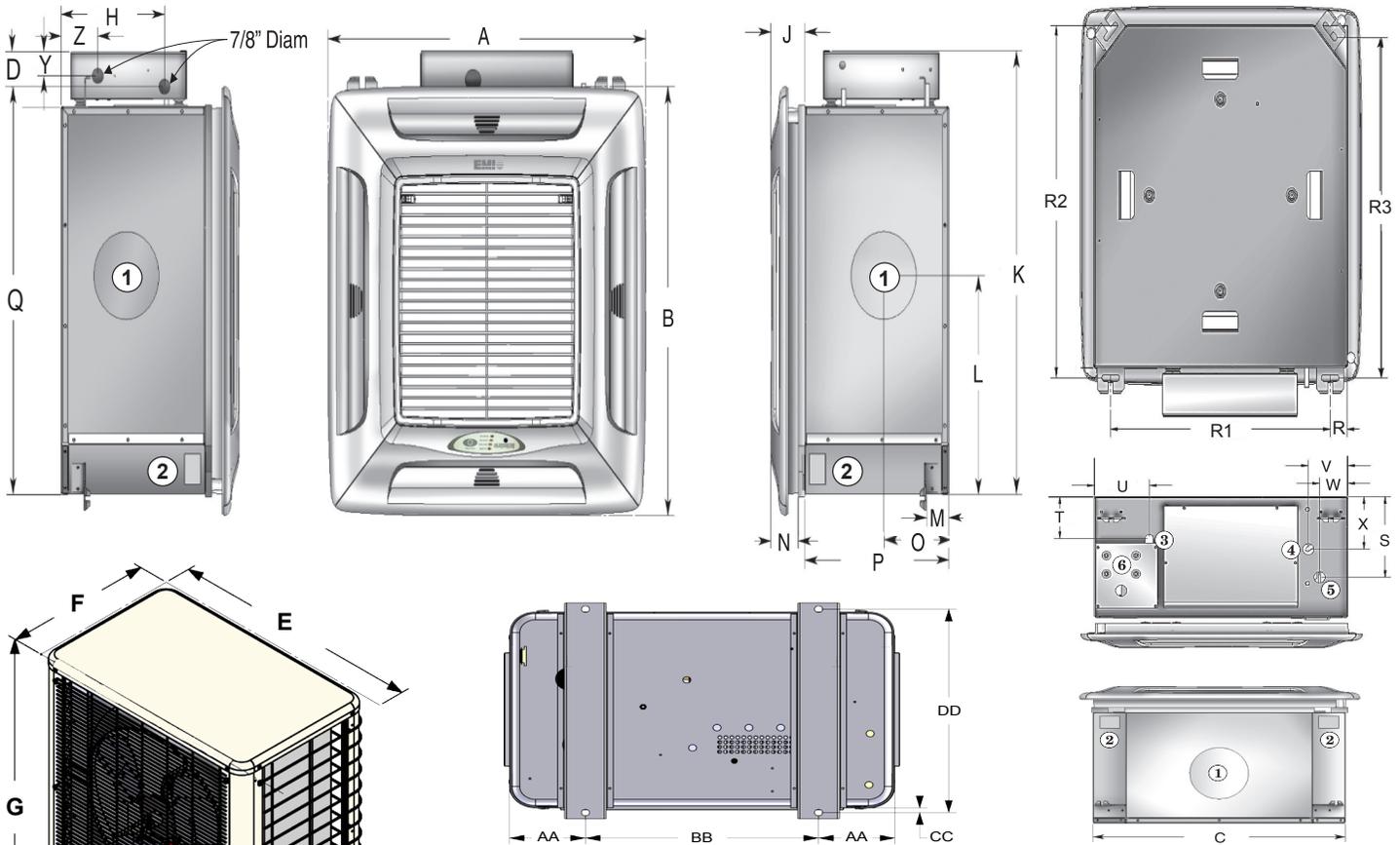
Project: \_\_\_\_\_  
Customer: \_\_\_\_\_  
Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Unit Tag# \_\_\_\_\_

For Your:  Reference

Approval

Construction

# Air Handler-Condenser Equipment Dimensions & Technical Data



Dim	Inches	mm	Dim	Inches	mm	Dim	Inches	mm		
A	37.00	940	M	1.97	50	U	5.47	139	①	Optional Discharge knock-outs, 5"Ø, 3 available
B	49.26	1251	N <sub>(ref)</sub>	2.72	69	V	5.00	127	②	Fresh air inlet knockouts, 3"x3", 2 available
C	32.44	824	O	5.12	130	W	4.00	102	③	Condensate Discharge, 1/2"Ø, PVC
D	2.04	52	P <sub>(ref)</sub>	14.01	356	X	4.37	111	④	Suction Connection: 3/4" OD, Sweat
E	38.00	965	Q	44.68	1135	Y	1.41	36	⑤	Liquid Connection: 3/8" OD, Sweat
F	15.00	381	R <sub>(typ)</sub>	1.63	41	Z	3.65	93	⑥	Condensate Pump Access Panel
G	48.00	1219	R1	29.19	741	AA	7.00	178		
H	8.90	226	R2	42.66	1084	BB	23.94	608		
J <sub>(ref)</sub>	3.38	86	R3	43.45	1104	CC	3.00	76		
K	47.78	1214	S	6.87	174	DD	12.44	316		
L	24.73	628	T	4.98	126					

Miscellaneous Product Specifications			
<b>Condenser Gross Wt</b>	210 lbs (95.3 kg)	<b>Air Handler Gross Wt</b>	146 lbs (66.4 kg)
<b>Condenser Air Flow</b>	3500 CFM	<b>Air Handler Air Flow</b>	1300/1220/1160 CFM
<b>Condenser Sound</b>	69 dBA	<b>Air Handler Air Flow</b>	614 / 576 / 548 L/S
<b>Factory Ref. Charge</b>	** 90.0 oz (2551 g)	<b>Air Handler Sound</b>	51 / 50 / 49 dBA
<b>Line Set Ref. Charge</b>	0.64 oz/ft (40 g/m)	<b>Air Handler Filter(s)</b>	3 - Washable Mesh
<b>Wired Wall Control</b>	Optional	<b>Filter(s) Efficiency</b>	80 %
<b>Cond. Pump Max Head/Lift</b>	* 30" (0.8m)	<b>Coated Coils</b>	NO
<b>Cond.Pump Min Flow Rate</b>	2.5GPH (9.5L/H)	<b>Power Wiring</b>	Local Code
	* Measured from bottom of drain pan	<b>Control Wiring</b>	≥18AWG/98ft (4-Wire)
	** Total charge for condenser & air handler		

**ecr**  
**ECR International, Inc.**  
 2201 Dwyer Avenue • Utica, New York 13501  
 Phone: 800.325.5479 • Web: [enviromaster.com](http://enviromaster.com)

**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 performance data, please refer to ECR International listings of certified products in the AHRI directory, or consult the factory.