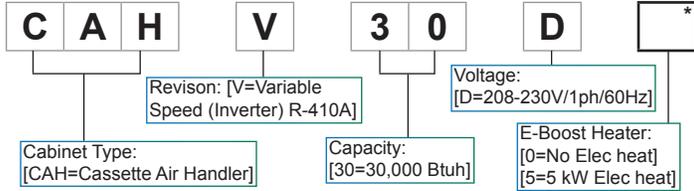


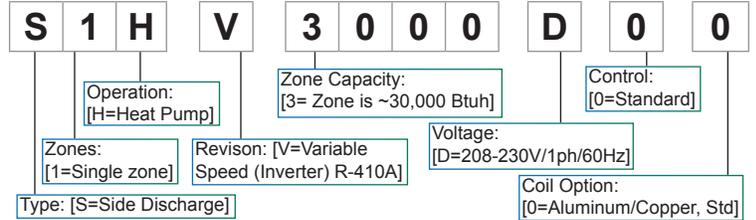
Single Zone 30,000 Btuh Cassette Variable-Speed Heat Pump Split System

Indoor Air Handler Model:



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

Outdoor Condenser Model:



Order Quantity of System	
Single Zone 30,000 Btuh Ceiling Cassette Variable-Speed Heat Pump 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

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				
S1HV3000D00	208-230/1/60	1.3	0.25	-	-	19.0	20	20.3	197	25.1	45
CAHV30D0	208-230/1/60	0.5, 0.5	0.1, 0.1	-	-	-	-	1.0	197	1.2	15
CAHV30D5	208-230/1/60	0.5, 0.5	0.1, 0.1	21.74	5	-	-	22.7	197	28.3	30

Performance — Heat Pump System with Cassette Air Handler

Condenser	Air Handler	Cooling Btuh(kW)	Heating Btuh(kW)	SEER	HSPF	SHR	EER	COP	Ref.
S1HV3000D00	CAHV30D0	30,000 (8.8)	29,000 (8.5)	14.6	7.9	0.78	10.5	3.1	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
Heating	Max	70°F (21°C) DB	90°F (32°C) DB
	Min	-13°F (-25°C) DB	55°F (13°C) DB

* With optional wind baffles kit, else standard minimum temperature is 32°F (0°C)



To: _____
Date: _____
From: _____
Contact: _____

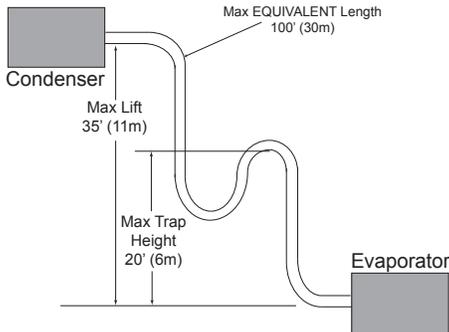
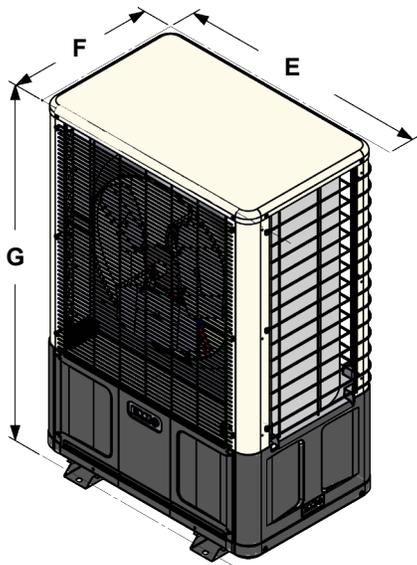
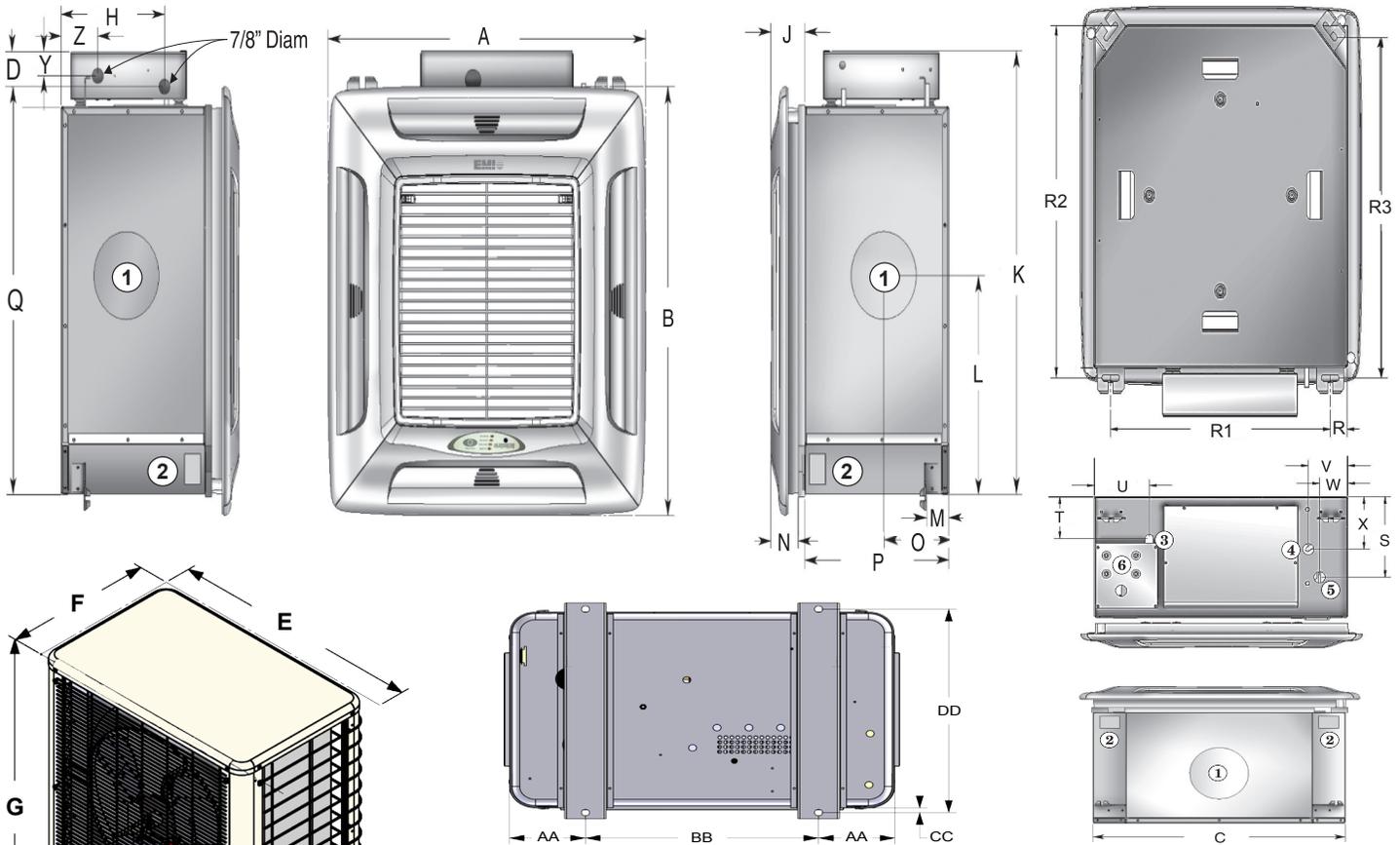
Project: _____
Customer: _____
Location: _____
Engineer: _____
Unit Tag# _____

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 _(ref)	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 _(ref)	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 _(typ)	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 _(ref)	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			
Condenser Gross Wt	210 lbs (95.3 kg)	Air Handler Gross Wt	146 lbs (66.4 kg)
Condenser Air Flow	3500 CFM	Air Handler Air Flow	1300/1220/1160 CFM
Condenser Sound	69 dBA	Air Handler Air Flow	614 / 576 / 548 L/S
Factory Ref. Charge	** 90.0 oz (2551 g)	Air Handler Sound	51 / 50 / 49 dBA
Line Set Ref. Charge	0.64 oz/ft (40 g/m)	Air Handler Filter(s)	3 - Washable Mesh
Wired Wall Control	Optional	Filter(s) Efficiency	80 %
Cond. Pump Max Head/Lift	* 30" (0.8m)	Coated Coils	NO
Cond.Pump Min Flow Rate	2.5GPH (9.5L/H)	Power Wiring	Local Code
* Measured from bottom of drain pan		Control Wiring	≥18AWG/98ft (6-Wire)
** Total charge for condenser & air handler			

ecr
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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.