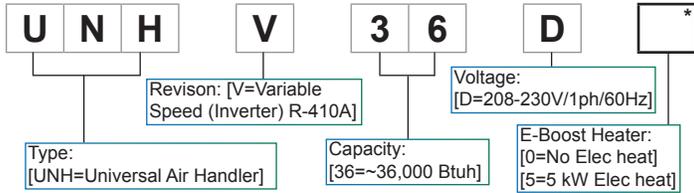


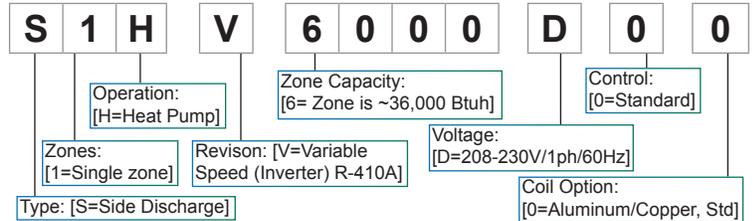
## Single Zone 30,000 Btuh Universal Variable-Speed Heat Pump Split System

### Indoor Air Handler Model:



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

### Outdoor Condenser Model:



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

Wired OEM Wall Control for indoor air handler (1) <b>PN 550002581</b> *Comes with single 15' Interconnecting Cord Extension	Wind baffles / hail guard / architectural louver kit, required for cooling operation to 0°F (-18°C) (1) <b>PN 550002574</b>
15' Interconnecting Cord Extension for Wired OEM Wall Control (10) <b>PN 240009319</b>	Bi-flow Filter Drier, Liquid Line (1) <b>PN 550002576</b>
Condensate Pump Kit, Integral Safeties, Internal/ External Mount, Filter, 48" lift, 115V-230V (1) <b>PN 240009999</b>	Refrigerant line set, 25-feet (Both Tubes Insulated) (Max of 100 EQUIVALENT feet) <b>PN F0631255A</b>
Condensate Pump, 208/230V, Wall/Floor Mount, Stand-Alone, 144" lift (1) <b>PN 550001727</b>	Refrigerant line set, 50-feet (Both Tubes Insulated) (Max of 100 EQUIVALENT feet) <b>PN F0631505A</b>
Condensate Pump, 115V, Wall/Floor Mount, Stand-Alone, 144" lift (1) <b>PN 550001728</b>	Spare Handheld Infrared Remote Control, one already comes with every air handler <b>PN 240009317</b>
Painted Steel Grille Kit, with Standard Filter (1) <b>PN 550001956</b>	Drain Pan Extension Kit (req'd for ceiling mount applications) (1) <b>PN 550001917</b>
MERV 11 Filter Kit, with Painted Steel Grille (1) <b>PN 550002170</b>	Floor Mount Kit, Toe-Kick/Trim/Subbase (1) <b>PN 550001787</b>



### Order Quantity of System

Single Zone 36,000 Btuh Universal Variable-Speed Heat Pump Split System

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



### 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				
S1HV6000D00	208-230/1/60	1.3	0.25	-	-	20.6	25	21.9	197	27.1	45
UNHV36D0	208-230/1/60	0.8	0.10	-	-	-	-	0.8	197	1.0	15
UNHV36D5	208-230/1/60	0.8	0.10	21.74	5	-	-	22.54	197	28.2	30

### Performance — Heat Pump System with High-Wall Air Handler

Condenser	Air Handler	Cooling Btuh (kW)	Heating Btuh (kW)	SEER	HSPF	SHR	EER	COP	Ref.
S1HV6000D00	UNHV36D0	33,400 (9.8)	26,000 (7.7)	14.0	7.7	0.70	9.0	2.95	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# \_\_\_\_\_

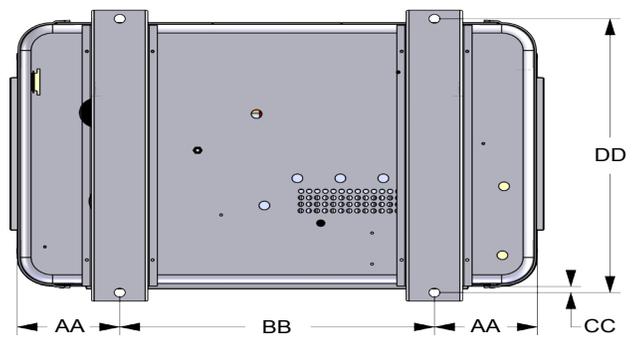
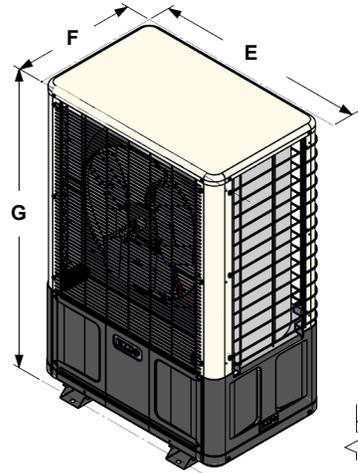
For Your:  Reference

Approval

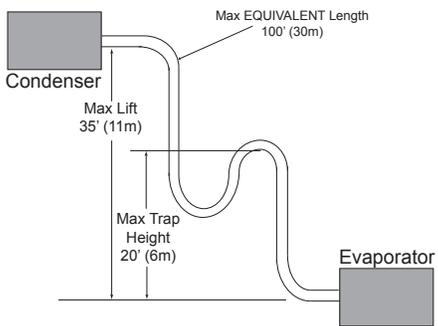
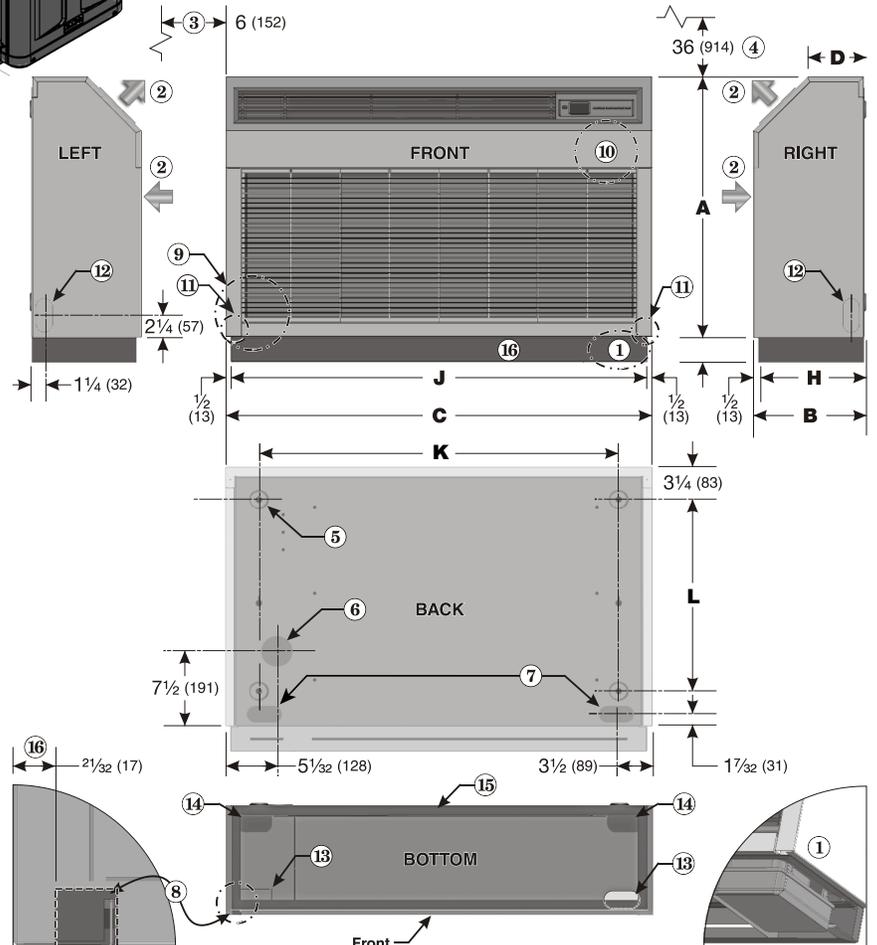
Construction

# Air Handler-Condenser Equipment Dimensions & Technical Data

#	Description
1	Optional condensate pump floor-mount location (toe-kick kit req'd)
2	Discharge & return air flows
3	Min clearance for air flow & service access on both cabinet sides
4	Minimum clearance (36") from discharge air outlet & return air intake, see #2
5	Holes (4) for mounting unit to wall or ceiling (11/16" Ø)
6	Optional knockout for customer supplied/installed fresh air intake (3" Ø)
7	1½" x 3½" knockouts for refrigerant tubing, condensate drainage and/or power
8	7/8" x 7/8" clearance hole for condensate drain tubing when ceiling mounted
9	Refrigeration line sets & condensate draining connections
10	Control & power electrical connections
11	Front proximity of #7-back knockout locations
12	1½" x 3½" side panel knockouts for tubing, condensate drainage and/or power
13	1½" x 3½" bottom, front knockouts for tubing, drainage and/or power
14	1½" x 3½" bottom, back knockouts for tubing, drainage &/or power
15	Optional toe-kick/trim: 1" bottom flanged, front & sides recessed ½", rear flush
16	Distance from cabinet side to 7/8"x7/8" clearance hole (#8)



Dim	Inches	mm
A	27.5	699
B	12.38	314
C	62	1575
D	5.06	141
E	38	965
F	15	381
G	48	1219
H	11.81	300
J	61.5	1562
K	55.44	1408
L	20.63	526
M	2.5	64
AA	7	178
BB	23.94	608
CC	3	76
DD	12.44	316



Miscellaneous Product Specifications			
<b>Condenser Gross Wt</b>	210 lbs (95.3 kg)	<b>Air Handler Gross Wt</b>	153 lbs (69 kg)
<b>Condenser Air Flow</b>	3500 CFM	<b>Air Handler Air Flow</b>	1000 / 900 / 825 CFM
<b>Condenser Sound</b>	69 dBA	<b>Air Handler Air Flow</b>	470 / 425 / 400 L/S
<b>Factory Ref. Charge</b>	* 90.0 oz (2551 g)	<b>AH Sound / Throw</b>	50 dBA / 27 ft
<b>Line Set Ref. Charge</b>	0.64 oz/ft (59 g/m)	<b>Air Handler Filter(s)</b>	1 - Washable Mesh
<b>Coated Coils</b>	NO	<b>Suction Connection</b>	¾" - Sweat, Insulated
<b>Wired OEM Wall Control</b>	Optional	<b>Liquid Connection</b>	¾" - Sweat, Insulated
<b>Condensate Connection</b>	½"	<b>Power Wiring</b>	Local Code
<b>Filter(s) Efficiency</b>	80 %	<b>Control Wiring</b>	≥18AWG/98ft (6-Wire)

\* Total charge for condenser & air handler, shipped in condenser

ecr

ECR International, Inc.

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