


Submittal Data: SC-36WPL-HP230 / SC-36ZPL-HP230 36,000 BTU/H Wall Mounted Heat- Pump System

Job Name		Location		Date	
Purchaser		Engineer			
Submitted To		For	Reference	Approval	Construction
Unit Designation		Schedule No.			
GENERAL FEATURES <ul style="list-style-type: none"> - Variable Speed (Inverter) Two-Stage/3 Cylinder Compressor - Ultra Heating (down to -31° F) - Ultra Cooling (0°F to 115° F) - WiFi Controls - 4 Indoor Fan Speeds - 2 Way Airflow Operation - Wireless Remote with LCD Display - Copper Tube/Aluminum Fins w/ Acrylic Resin Anti-Corrosion - Energy Saving Mode 					
System Ratings					
Cooling Rated Capacity 33,000 BTU/H Capacity Range 8,800 -40,900 BTU/H Power Input (Max) 4,100 W SEER 23.0 EER 10.25		Fan Motor Type Cross-flow Output Power 70 W RLA 0.4 A		Airflow (Low/High) Cooling 441/824 CFM (Low/High) Heating 441/824 CFM	
Heating at 47° F Rated Capacity 34,600 BTU/H Capacity Range 4,900 -49,400 BTU/H Power Input (Max) 7,100 W HSPF 10.5 COP 3.17		Air Throw (Max) 31 ft Sound Pressure Level Cooling (/High - Low) 65/60/56/47 dB(A) Heating (/High - Low) 65/60/56/47 dB(A)		Dehumidification 7.4 pt/hr	
Heating at 17° F Rated Capacity 34,600 BTU/H		Outdoor Unit Data			
Operating Range Cooling (Max) 115°F (46°C) (Min) 0°F (-18°C) Heating (Max) 75°F (24°C) (Min) -31°F (-35°C)		Compressor Type DC Inverter Driven 2-Stage Rotary RLA 24 A		Fan Motor Output Power 170 W RLA 0.73 A	
Power Supply Normal Operational Voltage 208/230 V, 1 Phase, 60 Hz Voltage Range 187 - 253 V Main Power Wire Size 8-2 AWG Interconnecting Cable Wire Size 14-4 AWG MCA 32 A MOCP/Breaker Size 50 A		Sound Pressure Level 63 dB(A)		Refrigerant Piping Data Gas Pipe Size (OD) 5/8-in Liquid Pipe Size (OD) 1/4-in Connection Method Flared Factory Charge R410A 123.5 oz Additional Charge 0.30 oz/ft Pre-Charge Length 25-ft MAX Refrigerant Pipe Length 165-ft MIN Refrigerant Pipe Length 10-ft MAX Refrigerant Pipe Elevation 100-ft	

Inverter Type	G10
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type	High Eff. Two Stage Rotary
Refrigerant Type	R410A
Basepan With Electric Heater	YES
Compressor With Electric Heater	YES
Indoor & Outdoor Fin Coating	Acrylic Resin/Anti-Corrosion
Intelligent Defrosting	YES
Intelligent Preheating	YES
Low Voltage Startup	YES
Memory/Power Failure Recovery	YES
Self Diagnosis	YES
Wired Controller Interface	YES
Wi-Fi Interface - Standard	YES
Indoor Fan Type	Cross-flow
Multi Fan Speeds	4 Speeds
Indoor Unit Display	YES
Indoor Air Quality Filters	Optional
Auxiliary Electrical Heater	NO
Ventilation (Outdoor Air)	NO

REMOTE CONTROLLER FUNCTIONS	
Auto Mode	YES
Auto Fan	YES
Auto Swing (Horizontal Auto Swing)	NO
Auto Swing (Vertical Auto Swing)	YES
Clock on Remote Controller	YES
Dry Mode	YES
Dry Anti-Mildew (X-Fan) Mode	YES
Energy Saving Mode	YES
Dirty Filter Alert	NO
I Feel Function	NO
Lock on Remote Controller	YES
Quiet Mode	NO
Room Temperature Display	NO
Sleep Mode	YES
4 Sleep Modes Options	YES
Timer Mode	YES
Turbo Mode	YES
Display On/Off Control	YES
Freeze Guard Mode	NO
Display On/Off Control	YES



Outdoor Ambient Temperature (DB) °F	68F DB		73°F DB		80°F DB	
	57F WB		61°FWB		67°FWB	
	TC	SHC	TC	SHC	TC	SHC
0°F	11220	8135	13860	10049	16500	11963
5°F	12870	9395	15510	11322	18150	13250
14°F	14520	10672	17160	12613	19800	14553
23°F	15180	11233	17820	13187	20460	15140
32°F	15840	11801	18480	13768	21120	15734
41°F	17820	13365	20460	15345	23100	17325
50°F	19800	14949	22440	16942	25080	18935
59°F	21120	16051	23760	18058	26400	20064
68°F	22110	16914	24750	18934	27390	20953
77°F	27720	21344	30360	23377	33000	25410
86°F	30690	23785	33330	25831	35970	27877
95°F	27720	21622	30360	23681	33000	25740
104°F	26070	20465	28710	22537	31350	24610
113°F	22770	17988	25410	20074	28050	22160

Outdoor Ambient Temperature (DB)	Indoor Entering Air Temperatures		
	68°F DB	73°F DB	80°F DB
	57°FWB	61°FWB	67°FWB
	TC	TC	TC
-31°F	21279	20760	20241
-22°F	24739	24220	23701
-13°F	28199	27680	27161
-4°F	31659	31140	30621
0°F	33389	32870	32351
6°F	35119	34600	34081
10°F	35119	34600	34081
17°F	35119	34600	34081
19°F	35119	34600	34081
24°F	35119	34600	34081
32°F	35119	34600	34081
41°F	35119	34600	34081
43°F	35811	35292	34773
47°F	35036	34600	34303
53°F	33864	33429	33131
59°F	32842	32435	32181
64°F	31229	30938	30496
70°F	29442	29093	28767
75°F	27708	27344	27047
78°F	26908	26282	25846

* Maximum system capacity

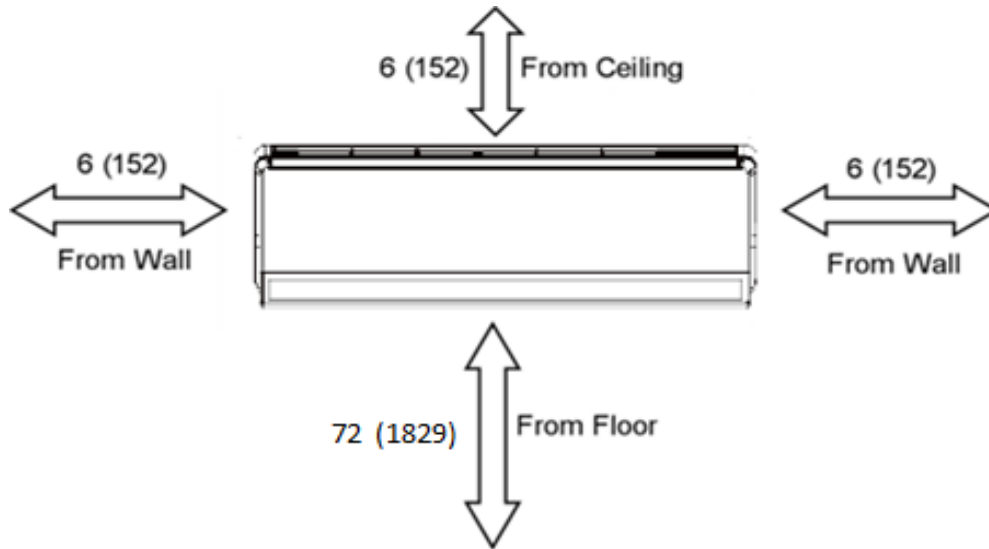
TC- Total Capacity (BtuH)

SHC- Sensible Capacity (BtuH)

MINIMUM SPACING REQUIREMENTS

Units: inch (mm)

INDOOR



MINIMUM SPACING REQUIREMENTS

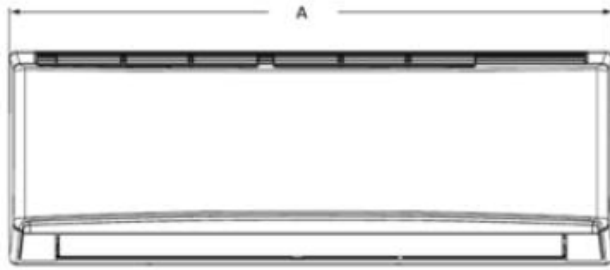
DIMENSIONAL SPECIFICATIONS

SC-36WPL-HP230

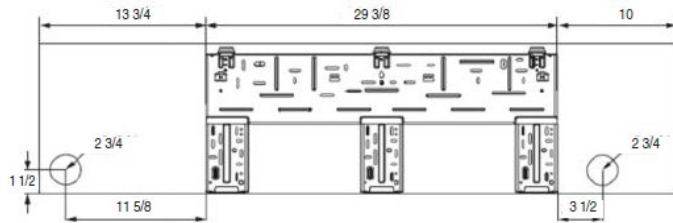
INDOOR UNIT DIMENSIONS

Units: inch

Model No: SC-36WPL-HP230



Dimensions	
A	53.1
B	12.8
C	10.0



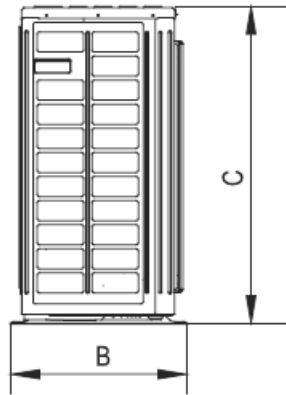
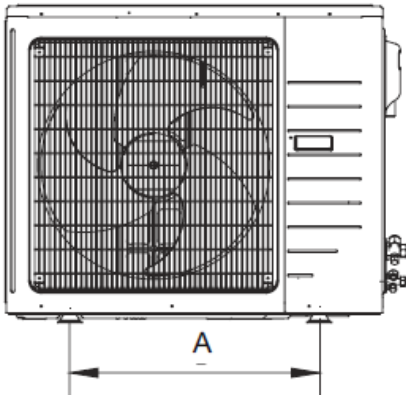
Weight (Net/Gross) 41.9/51.8 lbs

Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	5/8-in OD Flared
Drain Connector	5/8-in OD

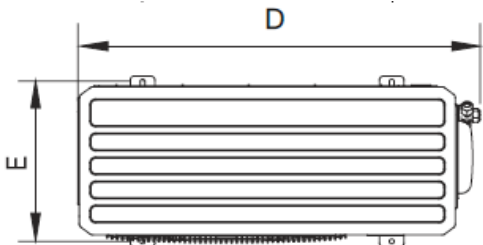
OUTDOOR UNIT DIMENSIONS

Units: inch

Model No: SC-36ZPL-HP230



Dimensions	
A	23.2
B	17.3
C	43.5
D	43.5
E	15.8



Weight (Net/Gross) 253.6/264.6 lbs

Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	5/8-in OD Flared

Notes:

1. Recommended Interconnecting Cable Type 14 AWG-4 Stranded Copper Conductors THHN 600V Wire
2. Power wiring cable size must comply with applicable national and local codes.
3. Test conditions are based on AHRI 210/240.