

12,000 BTU Wall Mount Heat Pump Ductless System

Job Name _____
Location _____
Engineer _____
Submitted To _____
Submitted By _____
Reference _____

Date _____
Approval _____
Construction _____
Unit No _____
Drawing No _____

FEATURES

- Heating down to -4°F (-20°C)
- Base Pan Heater
- Backlit Handheld Remote
- Auto restart
- Quiet mode
- Min Heat 46°F
- °C & °F convertible
- 24 Hour Timer
- Horizontal Auto Swing Louver
- Compressor Pre-Heating
- Washable Filter
- LCD Display



SYSTEM COMPONENTS

Indoor Unit Model Number VSC12H1
 Outdoor Unit Model Number VOC12H1

OUTDOOR TEMPERATURE OPERATING RANGE

Cooling - °F (°C) 5°F to 115°F (-15°C to 46°C)
 Heating - °F (°C) -4°F to 75°F (-20°C to 24°C)

ELECTRICAL

Voltage/Phase/Frequency 115V, 1-Phase, 60Hz
 Max Circuit Breaker - A 20
 Rated Current (Cooling) - A 10.8
 Rated Current (Heating) - A 10.8

INDOOR TEMPERATURE SETTING RANGE

Cooling - °F (°C) 5°F to 115°F (-15°C to 46°C)
 Heating - °F (°C) -4°F to 75°F (-20°C to 24°C)

CAPACITIES

Cooling Capacity - BTUh 12000
 Cooling Capacity Range - BTUh 2500-13500
 Heating Capacity - BTUh 12999.72
 Heating Capacity Range - BTUh 2500-14500

EFFICIENCIES

SEER 17.9
 EER 10.0
 HSPF 9.35
 COP 10.83

COMPRESSOR

Compressor Type Rotary

REFRIGERANT

Refrigerant Type R410a
 Refrigerant Charge Volume - g 1000

FAN SPEEDS

Indoor Airflow Rate (S/H/M/L) - CFM 416/384/355/279
 Indoor Airflow Rate (S/H/M/L) - m³/h 700/645/596/469

NET DIMENSIONS & WEIGHTS

Indoor Unit Net Dimensions (W x H x D) - in 32 1/16 x 10 5/8 x 8 7/16
 Outdoor Unit Net Dimensions (W x H x D) - in 28 1/8 x 19 x 9 7/16
 Indoor Unit - Net Weight - lbs 19.84
 Outdoor Unit - Net Weight - lbs 65.04

SOUND PRESSURE

Sound Pressure Level Indoor (S/H/M/L) - dB(A) 40/36/33/26
 Sound Pressure Level Outdoor (H) - dB(A) 54

GROSS DIMENSIONS & WEIGHTS

Indoor Unit Gross Dimensions (W x H x D) - in 34 1/4 x 13 3/16 x 10 7/16
 Outdoor Unit Gross Dimensions (W x H x D) - in 32 11/16 x 20 7/8 x 13 3/8
 Indoor Unit - Gross Weight - lbs 24.25
 Outdoor Unit - Gross Weight - lbs 70.55

LINESET REQUIREMENTS

Connection Pipe Diameter - Liquid (Flare) - in 1/4
 Connection Pipe Diameter - Gas (Flare) - in 3/8
 Maximum Lineset Length - ft 66
 Max Height Difference (IDU higher than ODU) - ft 33
 Max Height Difference (ODU higher than IDU) - ft 16
 Pre-charged Lineset Length - ft 25

ETL

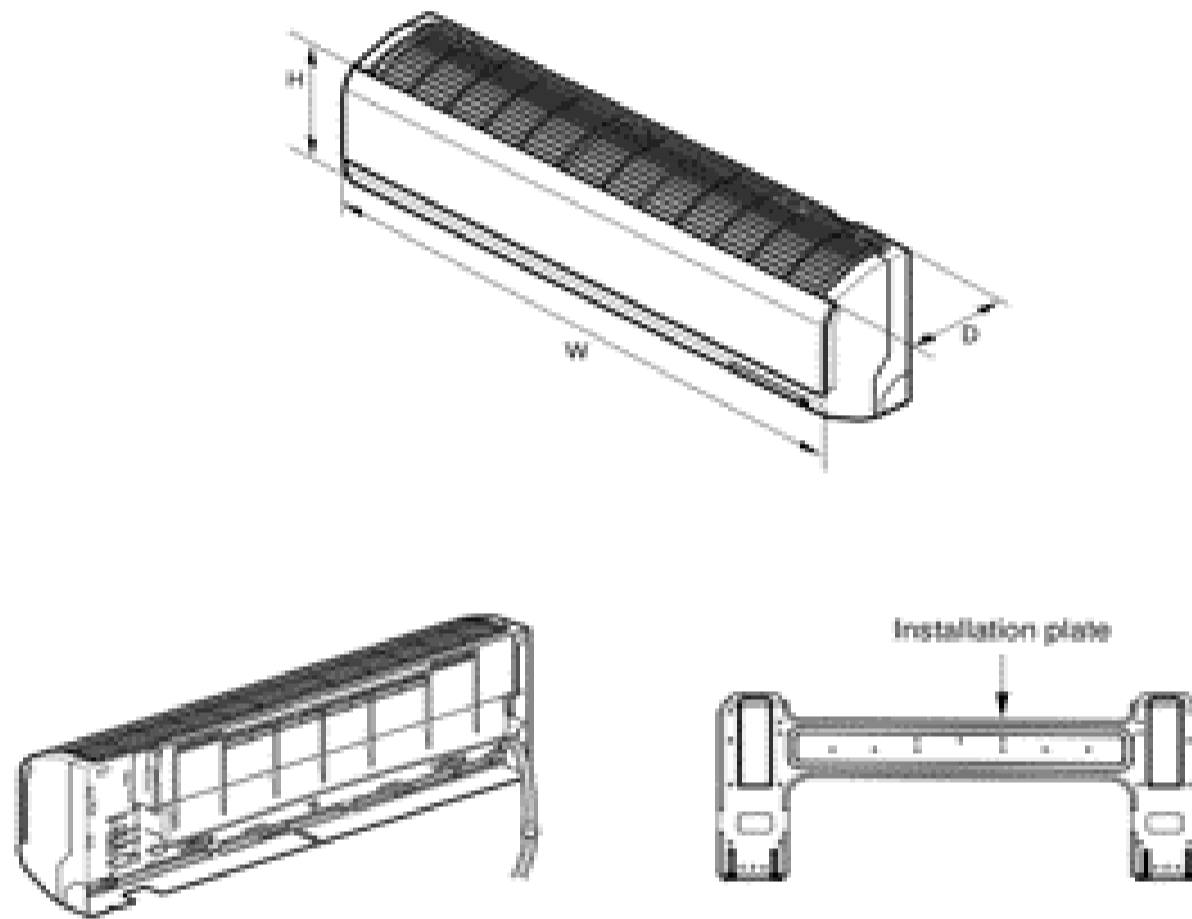
Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.
 Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB.
 Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit).



DIMENSIONS

Unit: In. (mm)

Savaire Indoor Units:



Model		W	H	D
V3C9H2	in	30.08	10.63	8.62
	mm	764	270	219
V3C12H2	in	32.09	10.63	8.43
	mm	815	270	214
V3C18H2	in	38.02	12.40	9.29
	mm	915	315	236
V3C24H2	in	42.72	12.40	9.29
	mm	1085	315	236
V3C30H2	in	53.15	14.33	10.24
	mm	1350	364	260
V3C36H2	in	53.15	14.33	10.24
	mm	1350	364	260
V3C9H1	in	29.61	10.63	8.46
	mm	752	270	215
V3C12H1	in	32.09	10.63	8.43
	mm	815	270	214

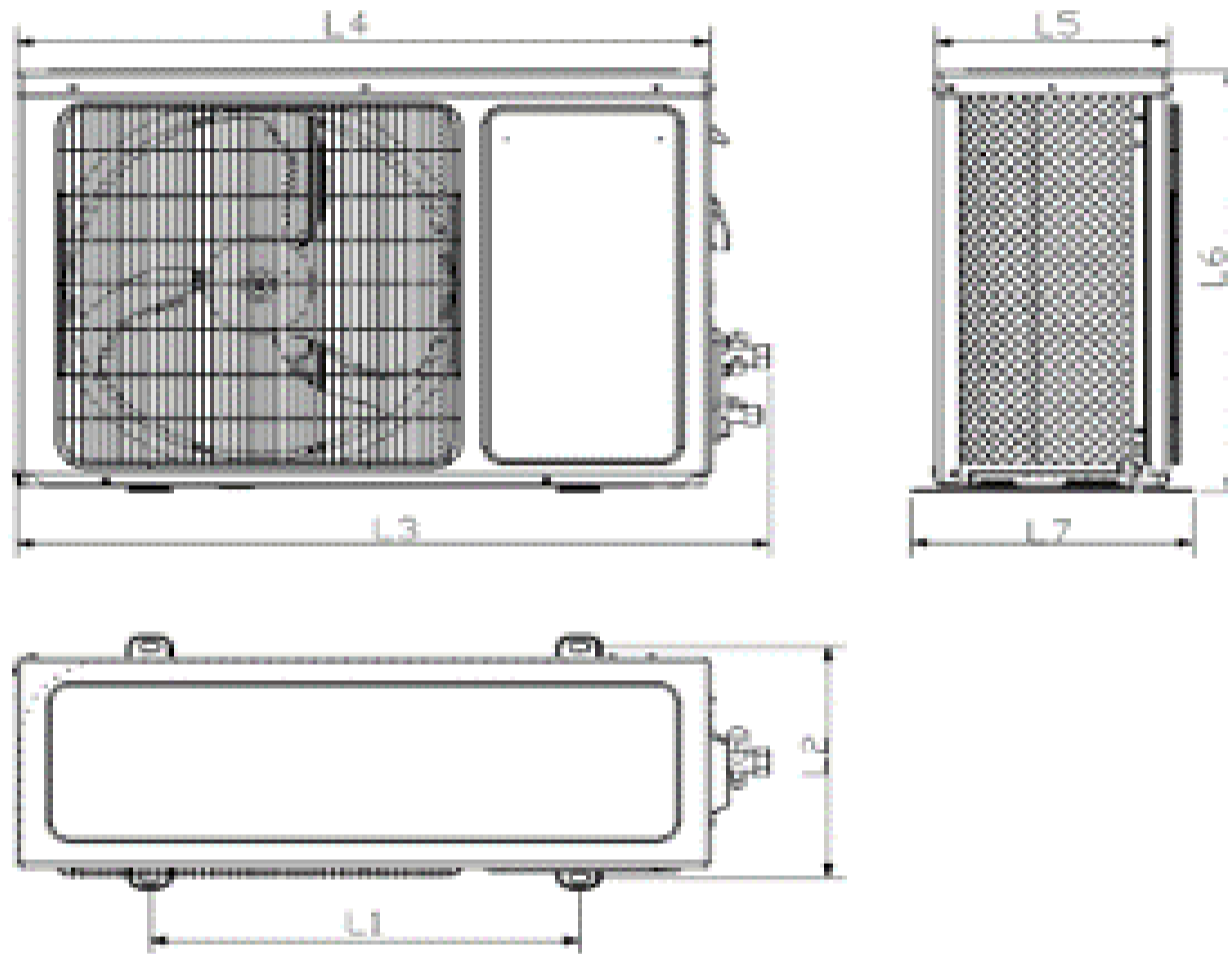
Submittal V12SCH1

12,000 BTU Wall Mount
Heat Pump Ductless System

DIMENSIONS

Unit: In. (mm)

Savaire Outdoor Units:



Model		L1	L2	L3	L4	L5	L6	L7
VOC9H2	in	17.44	10.39	30.55	28.15	9.45	19.13	11.42
	mm	443	264	776	715	240	486	290
VOC12H2	in	17.44	10.39	30.55	28.15	9.45	19.13	11.42
	mm	443	264	776	715	240	486	290
VOC18H2	in	20.08	12.20	34.37	31.89	11.02	23.03	13.31
	mm	510	310	873	810	280	585	338
VOC24H2	in	21.34	13.43	36.81	33.88	12.20	26.26	14.49
	mm	542	341	935	860	310	667	368
VOC30H2	in	26.06	15.35	37.76	35.35	14.39	31.22	16.30
	mm	662	390	959	898	365.5	793	414
VOC36H2	in	26.06	15.35	37.76	35.35	14.39	31.22	16.30
	mm	662	390	959	898	365.5	793	414
VOC9H1	in	17.44	10.39	30.55	28.15	9.45	19.13	11.42
	mm	443	264	776	715	240	486	290
VOC12H1	in	17.44	10.39	30.55	28.15	9.45	19.13	11.42
	mm	443	264	776	715	240	486	290