

Submittal WHM36SZA21S

36,000 BTU Single Zone Heat Pump Outdoor Unit

Job Name _____	Date _____
Location _____	Approval _____
Engineer _____	Construction _____
Submitted To _____	Unit No _____
Submitted By _____	Drawing No _____
Reference _____	

FEATURES

- Heating down to -13°F(-25°C)
- Built-in Base Pan Heater
- Maximum line set length is 246 ft.
- Compatible with Conventional 24V Thermostat.
- Designed for AC or HP applications
- Match with existing or new Furnace
- Cased, uncased, multi-position and upflow/ downflow configurations


SYSTEM COMPONENTS

Outdoor Unit Model Number	WHM36SZA21S
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ELECTRICAL

Voltage/Phase/Frequency	208 / 230V, 1-Phase, 60Hz
Voltage Range - V	198 - 253
MCA - A	23
Max Circuit Breaker - A	35

CAPACITIES

Cooling Capacity - BTUh	36000
Cooling Capacity Range - BTUh	11,800—36,800
Heating Capacity - BTUh	36000
Heating Capacity Range - BTUh	8,900—38,200

LINESET REQUIREMENTS

Connection Pipe Diameter - Liquid (Flare) - in (mm)	Ø3/8 (Ø9.52)
Connection Pipe Diameter - Gas (Flare) - in (mm)	Ø3/4 (Ø19.05)
Minimum Lineset Length - ft (m)	10 (3)
Maximum Lineset Length (Total) - ft (m)	246 (75)
Maximum Lineset Length (Each) - ft (m)	--
Max Height Difference (IDU higher than ODU) - ft (m)	98 (30)
Max Height Difference (ODU higher than IDU) - ft (m)	98 (30)
Pre-charged Lineset Length - ft (m)	24.6 (7.5)

OUTDOOR TEMPERATURE OPERATING RANGE

Cooling - °F (°C)	5°F to 122°F (-15°C to 50°C)
Heating - °F (°C)	-13°F to 75°F (-25°C to 24°C)

INDOOR TEMPERATURE SETTING RANGE

Cooling - °F (°C)	61°F to 86°F(16°C to 30°C)
Heating - °F (°C)	61°F to 86°F(16°C to 30°C)

EFFICIENCIES

SEER2	15.5
EER2	11.3
HSPF2	9.4
COP2 - BTU	--
COP2. - W/W	--

NET DIMENSIONS & WEIGHTS

Outdoor Unit Net Dimensions (H x W x D) - in	33 x 37-3/8 x 13-3/8
Outdoor Unit Net Dimensions (H x W x D) - mm	840 x 950 x 340
Outdoor Unit Gross Dimensions (H x W x D) - in	36-1/4 x 43-3/4 x 18-1/8
Outdoor Unit Gross Dimensions (H x W x D) - mm	920 x 1,110 x 460
Outdoor Unit - Net Weight - lbs (kg)	147.7 (67)
Outdoor Unit - Gross Weight - lbs (kg)	158.7 (72)

FAN DATA

Sound Pressure Level Outdoor (H) - dB(A)	57
Outdoor Airflow Rate (H) - CFM	2350

REFRIGERANT

Refrigerant Type	R410A
Refrigerant Weight - lb oz	6 lb 3 oz
Oil type	VG74

COMPRESSOR

Compressor Type	Rotary
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WARRANTY


7 Year Compressor, 5 Year Parts out-of-the-box Warranty



Register your system within 60 days of installation for an extended limited warranty of 10 years* (parts and compressor).

Please note that the loose coil products, parts, warranty, and service are provided by 3rd party coil manufacturer or manufacturer representative.

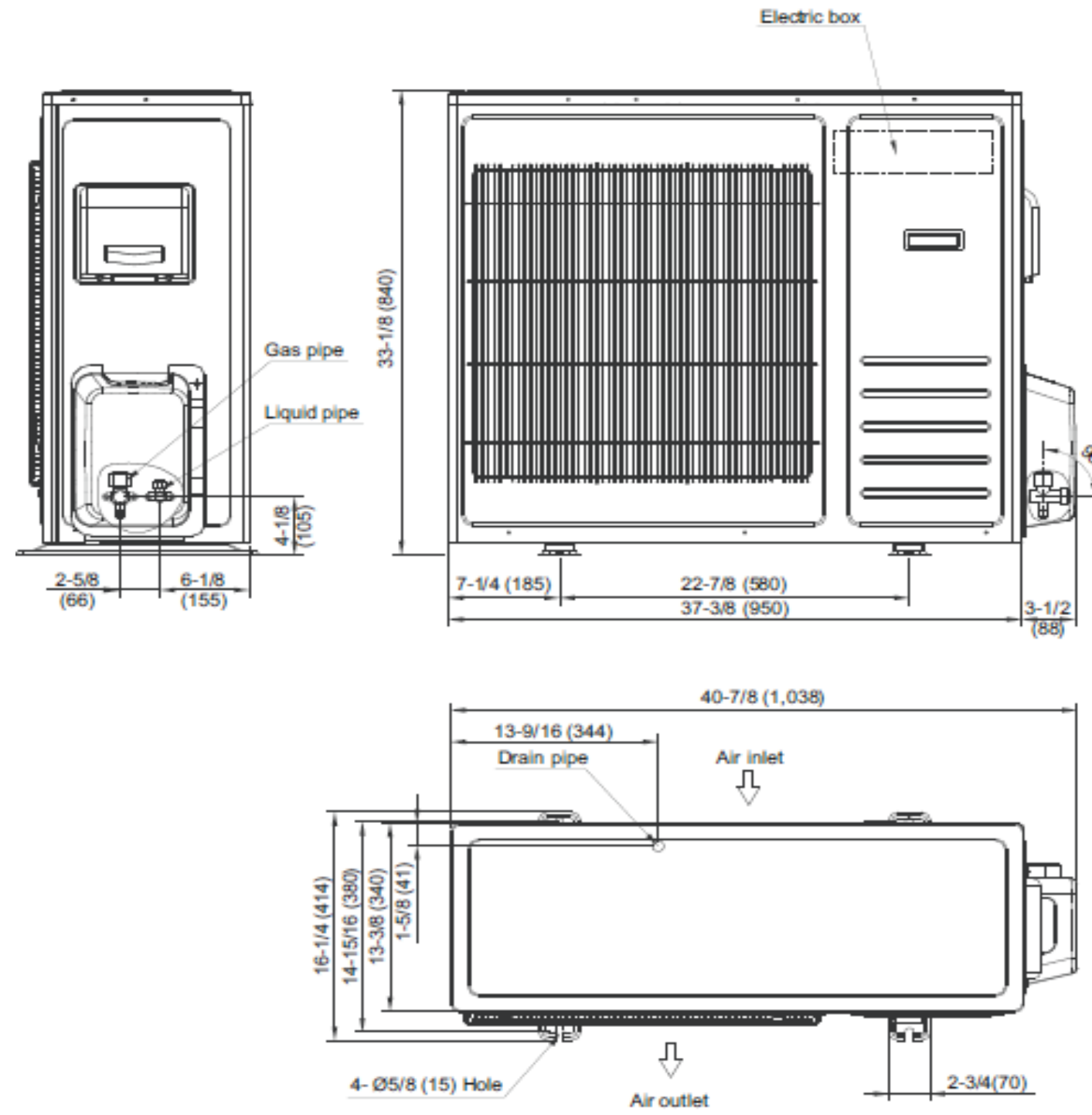
Note: Specifications are based on the following conditions:
Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.
Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C)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

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DIMENSIONS

Unit: In. (mm)



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SYSTEM COMPATIBILITY

Westinghouse Outdoor Unit Model Number	Coil Manufacturer	Coil Model Number
WHM36SZA21S	ASPEN	DC37A44-210L
		D(A,C,E)30C44+TDR
		D(A,C,E)30D44+TDR
		D(A,C,E)36B44+TDR
		D(A,C,E)36C44+TDR
		D(A,C,E)42A44+TDR
		D(A,C,E)42B44+TDR
		D(A,C,E)42D34+TDR
		D(A,C,E)37A44+TDR
		D(A,C,E)43A44+TDR
		D(A,C,E)37B44+TDR
		D(A,C,E)43C34+TDR
		D(A,C,E)37D34+TDR
		D(A,C,E)43D34+TDR
		D(A,C,E)37E34+TDR
		D(A,C,E)31B44+TDR
		D(A,C,E)31C44+TDR
		D(A,C,E)31E34+TDR
	ADP	H,RE35(1,2)36+TXV+TD
		H,RE35936+TD
		M36E35(1,2)+TXV+TD
		M36E359+TD
		H,RE36(1,2)36+TXV+TD
		H,RE36936+TD
		M36E36(1,2)+TXV+TD
		M36E369+TD
		H,RG48(1,2)36+TXV+TD
		M36E58(1,2)+TXV+TD
		M36E589+TD
		H,RG48936+TD
H,RE1K(1,2)36+TXV+TD		
H,RE1K936+TD		

PRODUCT NOMENCLATURE : ASPEN COILS

C	A	24	A3	G	145	L	-000
Series	Configuration	Nominal Tonnage (MBTUH)	Coil Descriptor Code	Metering device		Refrigerant and plumbing connections	Option Code
C = C Series (Copper) D = D Series (Aluminum)	A = uncased up/down C = cased up/down E = cased multi-position VersaCoil		(face area, rows, fpi)	4 = non-bleed A/C or H/P R410 TXV 6 = 20% bleed A/C or H/P R410 TXV B = 20% bleed A/C or H/P R22 TXV F = R-22 Flo-rater G = R-410A Flo-rater X = non-bleed A/C or H/P R22 TXV	CA, DA Series: Drain pan width code CB, CC, CE, CR, CS, DC, DE, DR, DS Series: Furnace width code CH Series: cabinet width code	L = left-hand plumbing and refrigerant connections R = right-hand plumbing and refrigerant connections T = refrigerant out the top, plumbing out opposite sides	

PRODUCT NOMENCLATURE : ADP COILS

H	G30	9	24	D	145	B	12	05	AP	N
Cabinet Color	Slab No.	Refrigerant Type & Metering Device (Field Configurable)	Nominal MBTUH	Cabinet Depth	Width	Cabinet Upper Notch	Cabinet Height	Configuration	Access Port	Refrigerant Detection System (Field Configurable)
H = Embossed	E & A = Copper slab G = Aluminum slab	1 = Piston ¹ (R-410A) 7 = R-410A Bleed HP-A/C TXV 9 = R-410A Non-bleed HP-A/C TXV A = R454B Non-bleed HP- A/C TXV B = R32 Non-bleed HP- A/C TXV		A = Uncased C = 20.5" ⁽²⁾ D = 21.0" E = 21.5"	<u>Cased</u> 140 = 14.0" 142 = 14.25" 145 = 14.5" 175 = 17.5" 210 = 21.0" 245 = 24.5" <u>Uncased</u> 130 = 13.0" 140 = 14.0" 155 = 15.5" 170 = 17.0" 200 = 20.0" 205 = 20.5"	A = Uncased B = 0.75" (Standard)	00 = Uncased 12 = 12.5" 16 = 16.5" 18 = 18.5" (up to 31.5")	00 = Right-hand uncased 01 = Right-hand cased 04 = Left-hand uncased 05 = Left-hand cased 20 = Right-hand cased multi-position 22 = Left-hand cased multi-position	AP = TXV Access Port	R = Included (Factory Installed) N = Not Included (Field Installed)

¹Piston will always be sized to match the nominal BTU rating of the coil. See Spec Guide for additional nomenclature details.

M	24	E32	9	N
Series	Nominal MBTUH	Slab No.	Refrigerant Type & Metering Device (Field Configurable)	Refrigerant Detection System (Field Configurable)
M = Manufactured Housing		E30 E31	1 = Piston1 7 = R-410A Bleed HP-A/C TXV 9 = R-410A Non-bleed HP-A/C TXV A = R454B Non-bleed HP-A/C TXV B = R32 Non-bleed HP-A/C TXV	R = Included (Factory Installed) N = Not Included (Field Installed)

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