

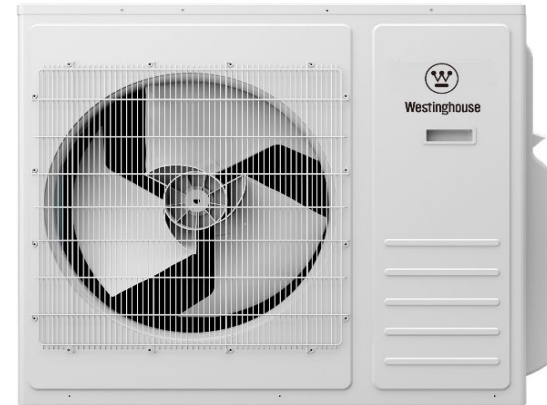
## Submittal WHM24SZA21S

### 24,000 BTU Single Zone Heat Pump Outdoor Unit

<b>Job Name</b> _____	<b>Date</b> _____
<b>Location</b> _____	<b>Approval</b> _____
<b>Engineer</b> _____	<b>Construction</b> _____
<b>Submitted To</b> _____	<b>Unit No</b> _____
<b>Submitted By</b> _____	<b>Drawing No</b> _____
<b>Reference</b> _____	

**FEATURES**

- Heating down to -13°F(-25°C)
- Built-in Base Pan Heater
- Maximum line set length is 164 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 WHM24SZA21S

**ELECTRICAL**

Voltage/Phase/Frequency 208 / 230V, 1-Phase, 60Hz

Voltage Range - V 198 - 253

MCA - A 15

Max Circuit Breaker - A 25

**CAPACITIES**

Cooling Capacity - BTUh 24000

Cooling Capacity Range - BTUh 6,700—26,000

Heating Capacity - BTUh 24000

Heating Capacity Range - BTUh 6,700—26,000

**LINESET REQUIREMENTS**

Connection Pipe Diameter - Liquid (Flare) - in (mm) Ø3/8 (Ø9.52)

Connection Pipe Diameter - Gas (Flare) - in (mm) Ø5/8 (Ø15.88)

Minimum Lineset Length - ft (m) 10 (3)

Maximum Lineset Length (Total) - ft (m) 164 (50)

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 14.3

EER2 8

HSPF2 7.5

COP2 - BTU --

COP2. - W/W --

**NET DIMENSIONS & WEIGHTS**

Outdoor Unit Net Dimensions (H x W x D) - in 26-3/8 x 33-7/8 x 12-1/4

Outdoor Unit Net Dimensions (H x W x D). - mm 670 x 860 x 310

Outdoor Unit Gross Dimensions (H x W x D) - in 28-3/4 x 39 x 17-3/4

Outdoor Unit Gross Dimensions (H x W x D). - mm 730 x 990 x 450

Outdoor Unit - Net Weight - lbs (kg) 112.4 (51)

Outdoor Unit - Gross Weight - lbs (kg) 121.3 (55)

**FAN DATA**

Sound Pressure Level Outdoor (H) - dB(A) 54

Outdoor Airflow Rate (H) - CFM 1825

**REFRIGERANT**

Refrigerant Type R410A

Refrigerant Weight - lb oz 4 lb 7 oz

Oil type VG74

**COMPRESSOR**

Compressor Type Rotary

**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.

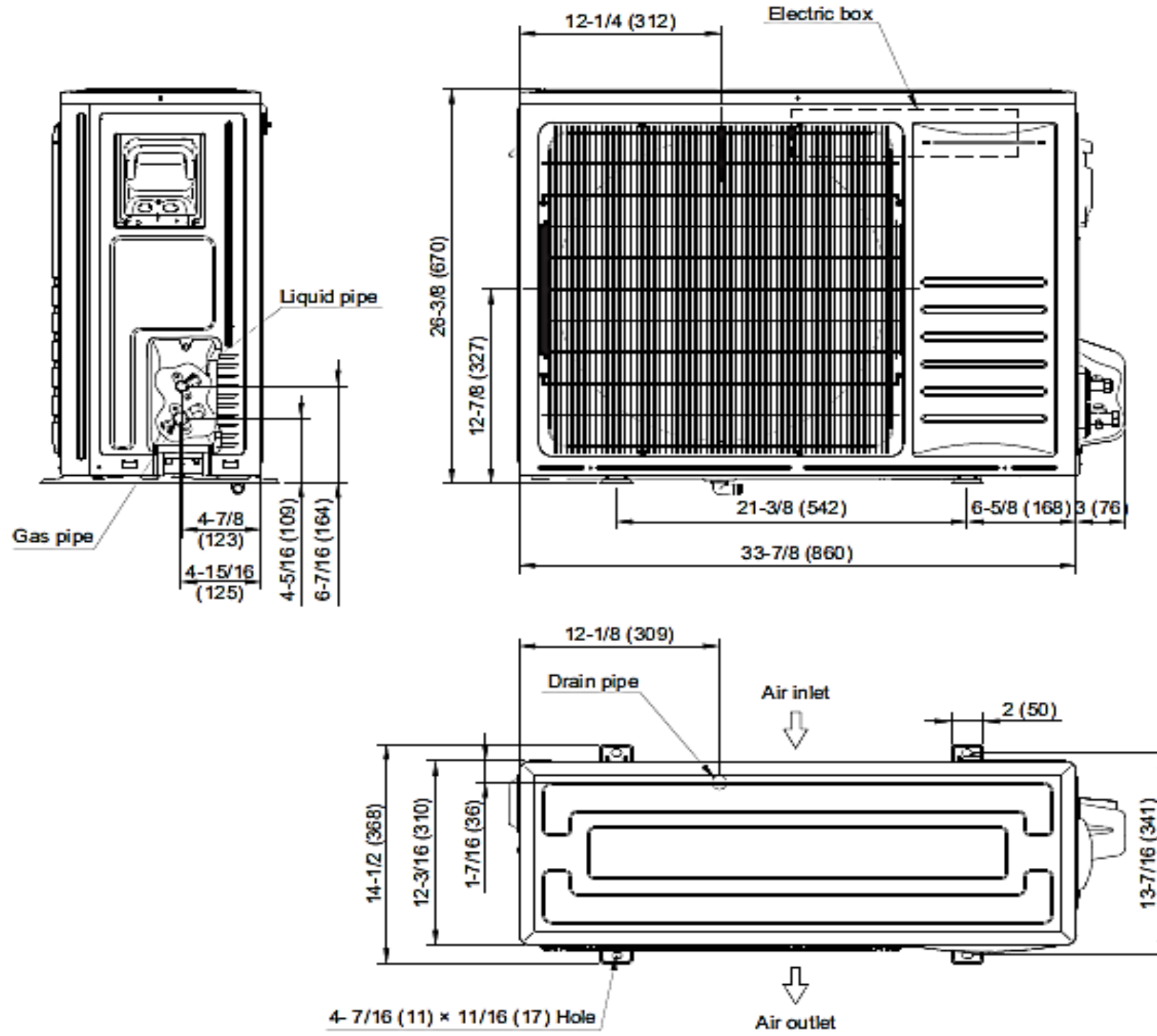
Note: Specifications are based on the following conditions:  
Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.  
Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (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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### 24,000 BTU Single Zone Heat Pump Outdoor Unit

#### SYSTEM COMPATIBILITY

Westinghouse Outdoor Unit Model Number	Coil Manufacturer	Coil Model Number
WHM24SZA21S	ASPEN	DC37A44-210L
		D(A,C,E)24D44+TDR
		D(A,C,E)30C44+TDR
		D(A,C,E)31B44+TDR
		D(A,C,E)36B44+TDR
		D(A,C,E)37A44+TDR
	D(A,C,E)25C44+TDR	
ADP	H,RG81936+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 <sup>1</sup> R-410A <sup>1</sup> 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" <sup>(2)</sup> 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)

<sup>1</sup>Piston 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)

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