

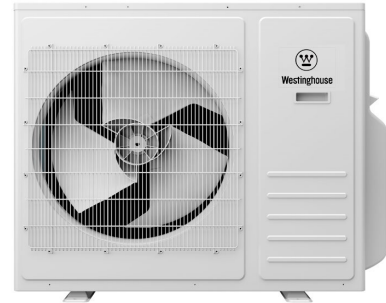
## Submittal P24M3A2

### 24,000 BTU Multi Zone System Heat Pump Ductless System

<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 -4°F(-20°C)
- Base Pan Heater
- Washable Filter
- Auto restart
- Compressor Pre-Heating


**SYSTEM COMPONENTS**

Outdoor Unit Model Number	WHP24M3A21S
System Model Number	P24M3A2
Indoor Unit	Non-Ducted

**OUTDOOR TEMPERATURE OPERATING RANGE**

Cooling - °F (°C)	14°F to 115°F (-10°C to 46°C)
Heating - °F (°C)	-13°F to 75°F (-25°C to 24°C)

**ELECTRICAL**

Voltage/Phase/Frequency	208 / 230V, 1-Phase, 60Hz
Voltage Range - V	198 - 253
MCA - A	25
Max Circuit Breaker - A	30
Max. Current (Cooling) - A	13
Max. Current (Heating) - A	17.5
Rated Current (Cooling) - A	8.7
Rated Current (Heating) - A	8.7
Rated Input Power (Cooling) - W	1920
Min - Max Input Power (Cooling) - W	420 - 2640
Rated Input Power (Heating) - W	1920
Min - Max Input Power (Heating) - W	420 - 4020

**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)

**CAPACITIES**

Total Connectable Capacity	21,000-30,000
Cooling Capacity - BTU/h	24,000
Cooling Capacity Range - BTU/h	8,000—30,200
Heating Capacity - BTU/h	24,000
Heating Capacity Range - BTU/h	5,200-37,000

**EFFICIENCIES**

SEER	22
EER	12.5
HSPF	11
COP - BTU	12.5
COP - W/W	3.66

**LINESET REQUIREMENTS**

Connection Pipe Diameter - Liquid (Flare) - in (mm)	1/4 (6.35)
Connection Pipe Diameter - Gas (Flare) - in (mm)	3/8 (9.52)
Minimum Lineset Length - ft (m)	10 (3)
Maximum Lineset Length (Total) - ft (m)	197 (60)
Maximum Lineset Length (Each) - ft (m)	66 (20)
Max Height Difference (IDU higher than ODU) - ft (m)	49 (15)
Max Height Difference (ODU higher than IDU) - ft (m)	49 (15)
Pre-charged Lineset Length - ft (m)	74 (22.5)

**NET DIMENSIONS & WEIGHTS**

Outdoor Unit Net Dimensions (W x H x D) - in	37 6/16 x 33 1/16 x 13 6/16
Outdoor Unit Net Dimensions (W x H x D) - mm	950 x 840 x 340
Outdoor Unit Gross Dimensions (W x H x D) - in	43 11/16 x 36 4/16 x 18 2/16
Outdoor Unit Gross Dimensions (W x H x D) - mm	1110 x 920 x 460
Outdoor Unit - Net Weight - lbs (kg)	159 (72)
Outdoor Unit - Gross Weight - lbs (kg)	170 (77)

**FAN DATA**

Sound Pressure Level Outdoor (H) - dB(A)	59
Outdoor Airflow Rate (H) - CFM	2350

**REFRIGERANT**

Refrigerant Type	410A
Refrigerant Weight - lb oz	5 lb 1 oz
Oil type	VG74 (POE)

**COMPRESSOR**

Compressor Type	Rotary
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**WARRANTY**


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



**ETL: 5013707**

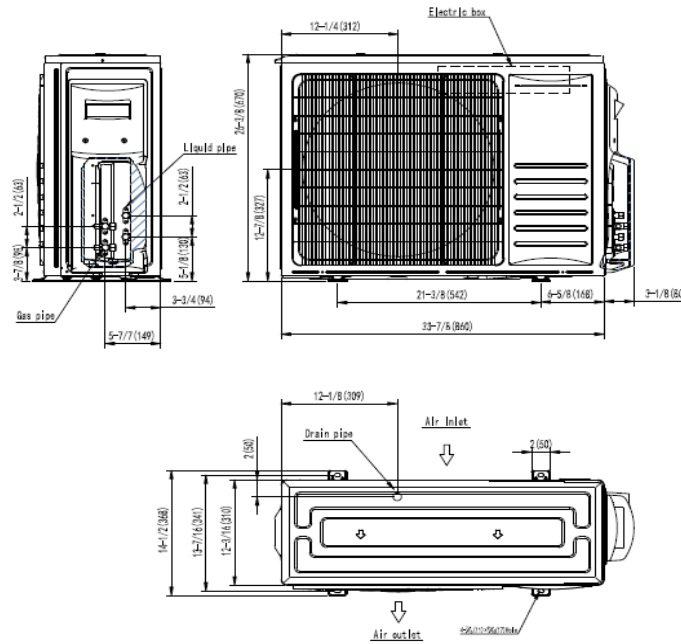
Note: Specifications are based on the following conditions:  
Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.  
Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F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


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24,000 BTU Multi Zone System  
Heat Pump Ductless System

### DIMENSIONS

Unit: In. (mm)



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## Submittal P24M3A2

24,000 BTU Multi Zone System  
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### COMBINATION TABLE


WHP18M2A21S		
ZONE 1	ZONE 2	TOTAL
9	12	21
9	9	18


WHP24M3A21S			
ZONE 1	ZONE 2	ZONE 3	TOTAL
12	18		30
9	18		27
9	12	+	21
12	12	+	24
9	9	12	30
9	9	9	27

WHP36M4A21S				
ZONE 1	ZONE 2	ZONE 3	ZONE 4	TOTAL
18	24			42
12	24	+	+	36
9	24	+	+	33
12	18	+	+	30
18	18	+	+	36
9	12	24		45
9	9	24		42
12	12	18		42
9	12	18		39
9	9	18	+	36
9	18	18		45
9	9	12	+	30
9	12	12	+	33
12	12	12	+	36
9	9	9	18	45
9	9	9	12	39
9	9	12	12	42
9	12	12	12	45
9	9	9	9	36

9k
12k
18k
24k

#### NOTES:

 Additional zone note allowed

 Allowed connectable capacity combination is over 100%  
Available circuit for future expansion  
System connection range 80% - 130%