

## Submittal P36M4A2

### 36,000 BTU Multi Zone System 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
- Washable Filter
- Auto restart
- Compressor Pre-Heating


**SYSTEM COMPONENTS**

Outdoor Unit Model Number	WHP36M4A21S
System Model Number	P36M4A2
Indoor Unit	Non-Ducted

**ELECTRICAL**

Voltage/Phase/Frequency	208 / 230V, 1-Phase, 60Hz
Voltage Range - V	198 - 253
MCA - A	32.2
Max Circuit Breaker - A	50
Max. Current (Cooling) - A	22
Max. Current (Heating) - A	30
Rated Current (Cooling) - A	11
Rated Current (Heating) - A	13
Rated Input Power (Cooling) - W	2550
Min - Max Input Power (Cooling) - W	690 - 5010
Rated Input Power (Heating) - W	3120
Min - Max Input Power (Heating) - W	600 - 6000

**CAPACITIES**

Total Connectable Capacity	30,000-45,000
Cooling Capacity - BTU/h	32,000
Cooling Capacity Range - BTU/h	12,000-42,000
Heating Capacity - BTU/h	36,000
Heating Capacity Range - BTU/h	8,000-52,000

**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)	246 (75)
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)	98 (30)

**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)

**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**

SEER	21
EER	12.5
HSPF	11
COP - BTU	11.54
COP - W/W	3.38

**NET DIMENSIONS & WEIGHTS**

Outdoor Unit Net Dimensions (W x H x D) - in	37 6/16 x 41 5/16 x 13 6/16
Outdoor Unit Net Dimensions (W x H x D) - mm	950x1050x340
Outdoor Unit Gross Dimensions (W x H x D) - in	43 11/16 x 47 4/16 x 18 2/16
Outdoor Unit Gross Dimensions (W x H x D) - mm	1110 x 1200 x 460
Outdoor Unit - Net Weight - lbs (kg)	188 (85.5)
Outdoor Unit - Gross Weight - lbs (kg)	220 (100)

**FAN DATA**

Sound Pressure Level Outdoor (H) - dB(A)	59
Outdoor Airflow Rate (H) - CFM	3411

**REFRIGERANT**

Refrigerant Type	410A
Refrigerant Weight - lb oz	6 lb 10 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**

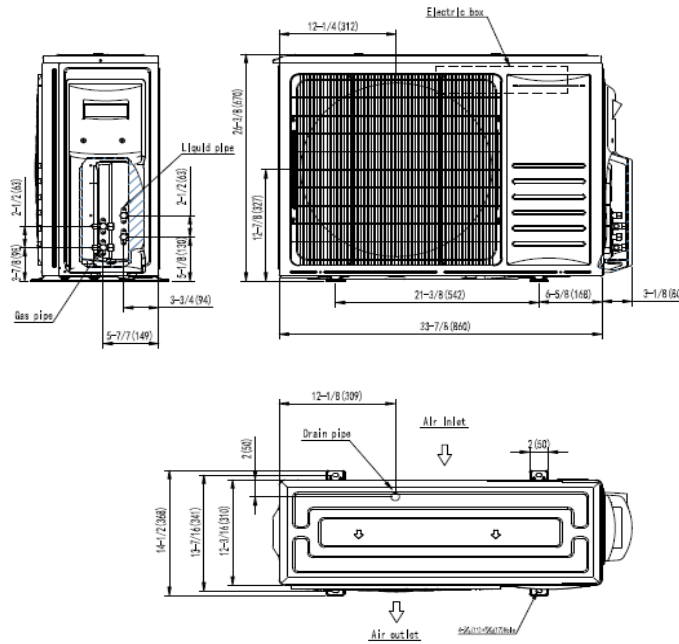
Note: Specifications are based on the following conditions:  
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.  
 Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F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

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### DIMENSIONS

Unit: In. (mm)



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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

9k
12k
18k
24k

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

#### NOTES:

 Additional zone note allowed

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