



Submittal Data Sheet: WMMS-24K-V2B(57)3 M1

INDOOR UNIT



WMMS-24E-V2B(57)3

OUTDOOR UNIT



WMMS-24C-V2B(57)3

ACCESSORIES

- THERMOSTAT
- MOUNTING BRACKETS
- FOOT RISERS
- COPPER/WIRE/ACC.SET
- LINESET COVERS
- WINTER WIND BAFFLE
- BRIDGE CONTROLLER

System Model Number		WMMS-24K-V2B(57)3	
Connection Pipes			
Length without Adjusting Refrigerant	ft.	25	
Refrigerant Charge	oz	68.68	
Outer Diameter Liquid Pipe	in	3/8"	
Outer Diameter Gas Pipe	in	5/8"	
Max. Allowed ID-OD Elevation Difference	ft.	16.4	
Max. refrigerant pipe length	ft.	49.2	

Dimensions & Weight Indoor Unit		
Dimension (W x D x H)	Inch	41 3/8" x 9 3/8" x 12 1/4"
Packing (W x D x H)	Inch	46" x 15" x 12"
Net/Gross Weight	lbs.	33/37

Dimensions & Weight Outdoor Unit		
Dimension (W x D x H)	Inch	36" x 13.3" x 27.5"
Packing (W x D x H)	Inch	41.73" x 18.1" x 37.1"
Net/Gross Weight	lbs.	114/127

Job Name:		Tag #:	
Location		Date:	
General Contractor:		Mechanical Contractor:	
Sales Representative:		Sales Engineer:	
Submitted by:		Drawing #:	
Reference		PO #:	

YMGI's ductless SOLO single zone mini split wall mounted unit uses the most popular evaporator style, and offers a quiet and efficient heating and cooling solution or any single room application. The SOLO 57 has a simplified display that shows mode and temperature, and a motorized louver system that evenly distributes air throughout the room. The SOLO 57's ODU is designed for ground installation, or mounting onto a wall, under a deck or on a balcony.

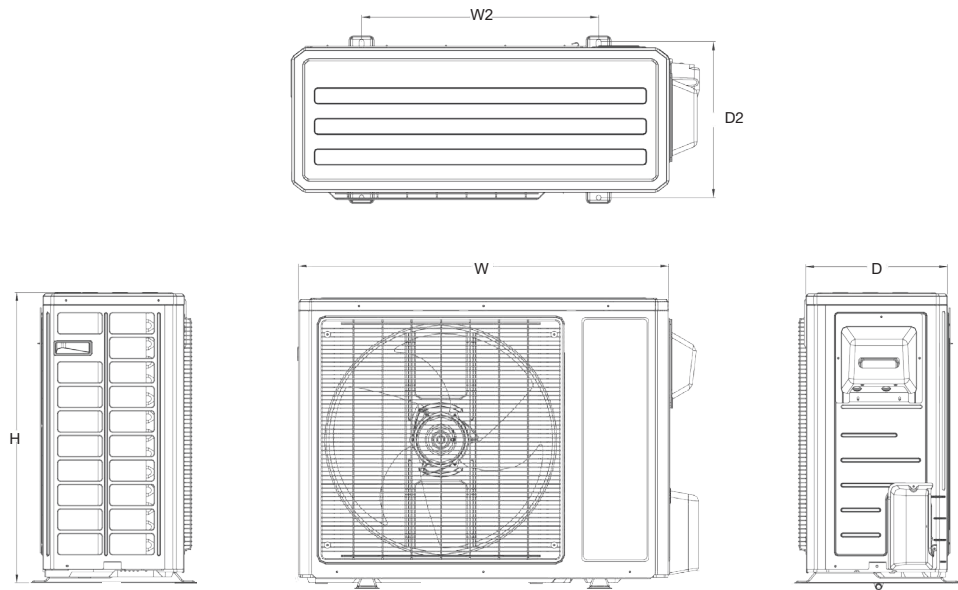
System Model Number		WMMS-24K-V2B(57)3	
Indoor Unit		WMMS-24E-V2B(57)3	
Outdoor Unit		WMMS-24C-V2B(57)3	
Power supply		V/Ph/Hz	208-230V/1/60Hz
Cooling	Nominal Capacity	Btu/h	22000
	Input	W	2310
	Rated current	Amp.	10.1
	EER	Btu/h.w	9.5
	SEER	Btu/h.w	15.0
Heating	Capacity	Btu/h	22000
	Input	W	2230
	Rated current	Amp.	9.7
	COP	W/W	3.20
	HSPF4	Btu/h.w	8.5
	HSPF5	Btu/h.w	8
MINIMUM CIRCUIT AMPACITY		Amp.	20
MAX HVAC Type Circuit Breaker		Amp.	30
Compressor	Model	ATD186UKQA9LT6	
	Type	Rotary	
	Brand	HIGHLY	
	Capacity	Btu/h	7200
	Input	W	1610
	Rated current(RLA)	Amp.	4.8
Refrigerant oil / oil charge		ml	68HES-H or equivalent / 770±20ml
Indoor fan motor	Model	YDK-50C-4P 1 A050501000342-R0	
	Brand	CHIGO	
	Input	W	70
	RLA	Amp.	0.31
	LRA	Amp.	0.42
	Winding Resistance	Ω	174/138.8
	Capacitor	uF	2
	Speed(Hi/Mi/Lo)	r/min	1350±20 1200±30 1050±30'
Indoor air flow (Hi/Mi/Lo)		CFM	580
Indoor noise level (Hi/Mi/Lo)		dB(A)	49
Outdoor fan motor	Model	YDK-60B-6C 030020236R	
	Brand	CG	
	Input	W	156
	RLA	Amp.	0.68
	LRA	Amp.	0.89
	Winding Resistance	Ω	66.2/69.4
Capacitor	uF	4	
Speed	Rpm/M	780±20	
Outdoor air flow		CFM	2024
Outdoor noise level		dB(A)	58
Refrigerant type		Oz	31.68
Refrigerant precharge		Ft.	—
Additional charge for each ft		Oz	—
Design pressure		PSIG	510/250
Connection wires between IDU and ODU		4xAWG18	
Control Type		Remote Control	
Operation Temperature Ranges	Indoor(cooling/ heating)	°F 61°F~90°F	
	Outdoor(cooling/heating)	°F 15°F~115°F / -4°F~75°F	
Application area (cooling standard)		sq.ft.	344~538



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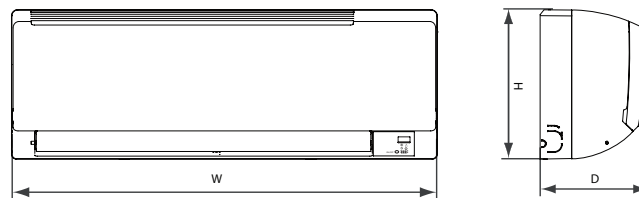
OUTDOOR UNIT

Dimensions (inches)	
W	36"
H	27.5"
D	13.3"
W2	25.39"
D2	14.13"

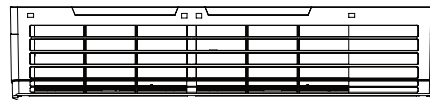
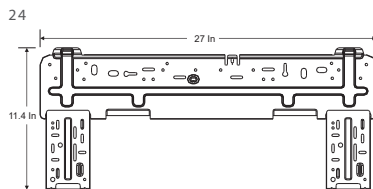


INDOOR UNIT

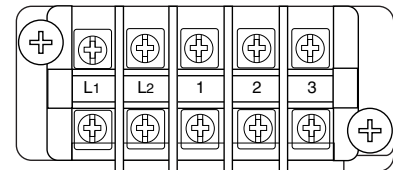
Dimensions (inches)	
W	41 3/8"
H	12 1/4"
D	9 3/8"



MOUNTING PLATE



TERMINAL BLOCK



FEATURES

- 208-230/1/60 power input
- Quiet and efficient heating & cooling.
- LED display shows set temperature & operating modes.
- Motorized louver system quietly distributes air evenly
- Remote Control.
- DC Inverter technology
- Wide working ambient temperature ranges
- Stylish design
- Compact outdoor unit with side discharge
- Outdoor unit ships pre-charged.
- World-class quality compressors
- Durable powder coated cabinet
- Default flare brass connection valves
- Knock-outs for refrigerant pipes and wiring
- Built to ETL/UL/CSA/ARI standards
- Easy installation and maintenance

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