



Submittal Data Sheet: WMMS-18K-V2B(57)3 M1

INDOOR UNIT



WMMS-18E-V2B(57)3

OUTDOOR UNIT



WMMS-18C-V2B(57)3

ACCESSORIES

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

System Model Number		WMMS-18K-V2B(57)3	
Connection Pipes			
Length without Adjusting Refrigerant	ft.	25	
Refrigerant Charge	oz	45.92	
Outer Diameter Liquid Pipe	in	1/4"	
Outer Diameter Gas Pipe	in	1/2"	
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	37 1/2" x 9 3/8" x 12 3/8"	
Packing (W x D x H)	Inch	39" x 15" x 12"	
Net/Gross Weight	lbs.	29/33	

Dimensions & Weight Outdoor Unit			
Dimension (W x D x H)	Inch	33" x 12" x 24"	
Packing (W x D x H)	Inch	39" x 16" x 27"	
Net/Gross Weight	lbs.	88 / 99	

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.

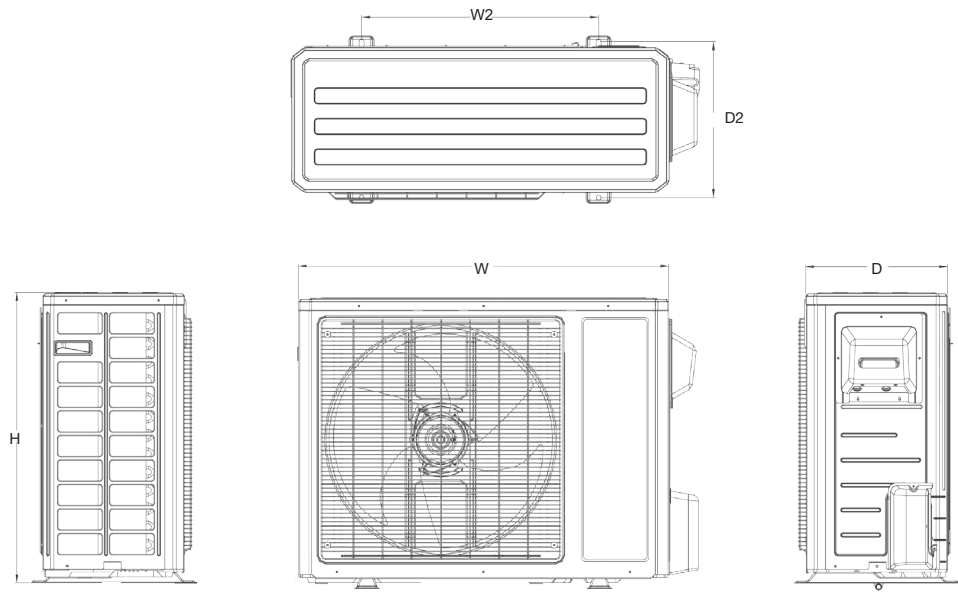
System Model Number		WMMS-18K-V2B(57)3		
Indoor Unit		WMMS-18E-V2B(57)3		
Outdoor Unit		WMMS-18C-V2B(57)3		
Power supply		V/Ph/Hz	208-230V/1/60Hz	
Cooling	Nominal Capacity	Btu/h	18000	
	Input	W	1700	
	Rated current	Amp.	7.4	
	EER	Btu/h.w	10.2	
	SEER	Btu/h.w	15.0	
Heating	Capacity	Btu/h	20000	
	Input	W	1600	
	Rated current	Amp.	7.1	
	COP	W/W	3.20	
	HSPF4	Btu/h.w	8.5	
	HSPF5	Btu/h.w	7.5	
MINIMUM CIRCUIT AMPACITY		Amp.	15	
MAX HVAC Type Circuit Breaker		Amp.	20	
Compressor	Model	ATD141RDPA8JT		
	Type	Rotary		
	Brand	HIGHLY		
	Capacity	Btu/h	5560	
	Input	W	1255	
	Rated current(RLA)	Amp.	4.2	
	Refrigerant oil / oil charge	ml	68HES-H or equivalent / 480±20ml	
Indoor fan motor	Model	YDK-50C-4P 3 A050501000360-R0		
	Brand	CHIGO		
	Input	W	54	
	RLA	Amp.	0.22	
	LRA	Amp.	0.41	
	Winding Resistance	Ω	203/169	
	Capacitor	uF	1.8	
	Speed(Hi/Mi/Lo)	r/min	1300 / 1150 / 1000	
Indoor air flow (Hi/Mi/Lo)		CFM	486	
Indoor noise level (Hi/Mi/Lo)		dB(A)	47	
Outdoor fan motor	Model	YDK-40-6C 1 H3 A050501000238-R0		
	Brand	CG		
	Input	W	85	
	RLA	Amp.	0.37	
	LRA	Amp.	0.60	
	Winding Resistance	Ω	107/100.8	
	Capacitor	uF	3	
Speed	Rpm/M	670 / 870		
Outdoor air flow		CFM	1577	
Outdoor noise level		dB(A)	53	
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.	258--409	



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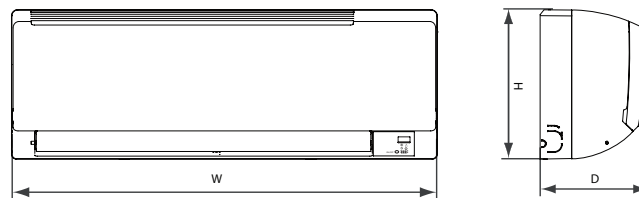
OUTDOOR UNIT

Dimensions (inches)	
W	33"
H	24"
D	12"
W2	19.88"
D2	12.67"

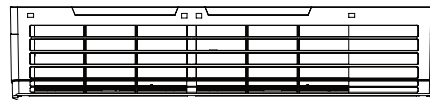
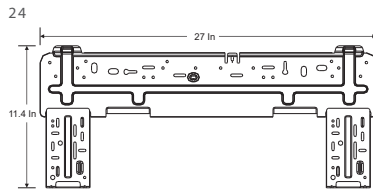


INDOOR UNIT

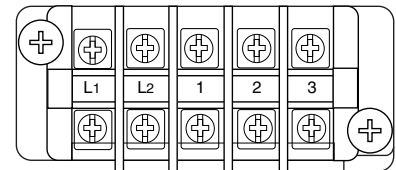
Dimensions (inches)	
W	37 1/2"
H	12 3/8"
D	9 3/8"



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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