



Submittal Data Sheet: WMMS-18KS-V2B(56) M8

INDOOR UNIT



WMMS-18ES-V2B(56)

OUTDOOR UNIT



WMMS-18CS-V2B(56)

ACCESSORIES

- ADVANCED HEALTHY KIT
HEPA/Enzyme/Cold Catalyst Filter
Anion Generator
- THERMOSTAT
- MOUNTING BRACKETS
- FOOT RISERS
- COPPER/WIRE/ACC.SET
- LINESET COVERS
- WINTER WIND BAFFLE
- BRIDGE CONTROLLER

Model No.-System	WMMS-18KS-V2B(56)		
Model No.-Indoor Unit	WMMS-18ES-V2B(56)		
Model No.-Outdoor Unit	WMMS-18CS-V2B(56)		
Liquid side	1/4"		
Gas side	1/2"		
Dimensions			
Indoor Unit	NET	in.	39" x 12 5/8" x 8 9/32"
	Shipping	in.	42 1/8" x 15 9/16" x 11 7/32"
Outdoor Unit	NET	in.	33 15/32" x 27 9/16" x 11 13/16"
	Shipping	in.	37 7/16" x 29 9/16" x 15 3/4"
Weight			
Indoor Unit	Net/Gross	lbs	37.5 / 41.88
	Net/Gross	lbs	105.8 / 121.25

Solar Panel-PV-MC305



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

YMGI's ductless (56) Series offers a quiet and efficient heating and cooling solution for any single room application with minimal impact to the environment. 56 Series units have a single zone mini split wall mounted unit and wall mount evaporator. The (56) Series can be wired directly to an array of solar panels to offset power consumption. Includes remote control.

(56) systems require a municipal power hookup. 50-400 VDC from solar panels to reduce power consumption. Solar Panel voltages less than 50VDC will not offset municipal power usage.

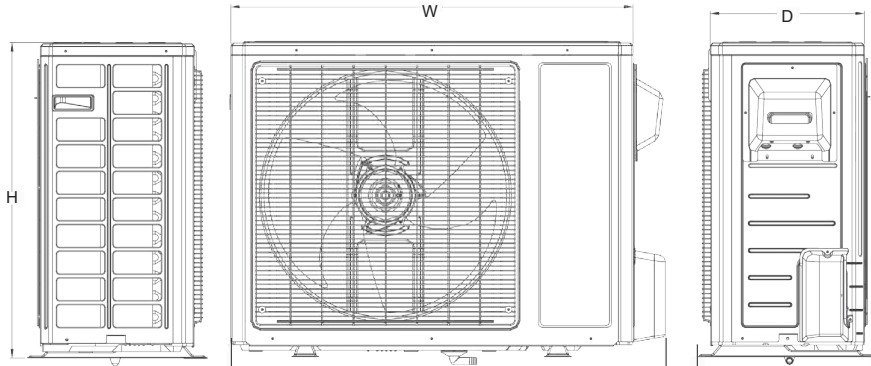
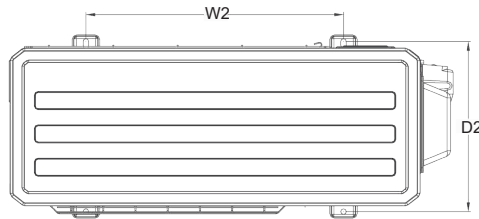
AC Power Supply 208~240V,50/60HZ for Non-Stop Guaranteed Cooling/Heating 1198 Series			
Max. Solar Panel Qty.	W/V	7x250W/40V	
Voltage Between PV+ and PV-		250-400VDC	
Model No.-System		WMMS-18KS-V2B(56)	
Model No.- Indoor Unit		WMMS-18ES-V2B(56)	
Model No.- Outdoor Unit		WMMS-18CS-V2B(56)	
Nominal Ton-Cooling	Ton	1.5	
Performance			
Capacity Rating	Cooling	Btu/h	18000
		W	5200
	Heating	Btu/h	20000
		W	5400
Noise	Indoor	dB(A)	44
	Outdoor	dB(A)	55
Air Circulation	cfm	441.43	
EER	W/W	Up to 9.5	
SEER	Btu/h/w	Up to 34	
COP	W/W	4.9	
HSPF	Btu/h/w	Up to 24	
Operating Range	Indoor Unit	61-88°F	
Outdoor Ambient	Cooling	23-132°F	
	Heating	5-75°F	
Design pressure	PSI	550 / 340	
Refrigerant Oil		VG74	
Refrigerant		R410A	
Compressor		TOSHIBA (ROTARY)	
Liquid side	in	1/4"	
Gas side	in	1/2"	
DC Connection / Wire		MC4/AWG 10/12	
Power Consumption			
Rated Power Input	W	950	
Rated Current	A	4.32	
IDU Power Supply		310VDC	
IDU Current / Watts		0.09A/27.9W	



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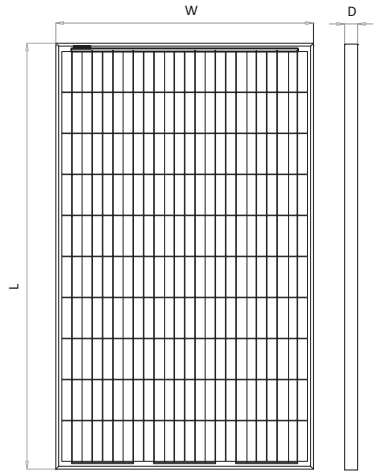
OUTDOOR UNIT

Dimensions (inches)	
W	33 15/32"
H	27 9/16"
D	11 13/16"
W2	19 11/16"
D2	12 13/32"



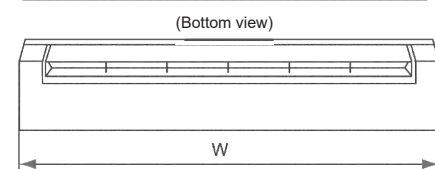
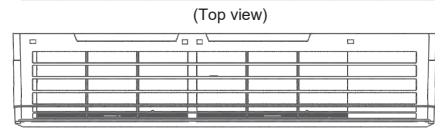
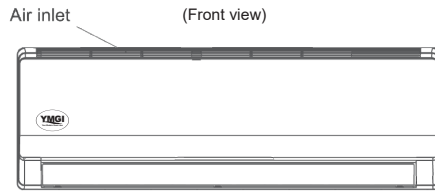
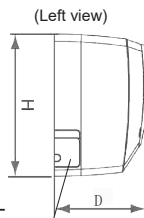
SOLAR PANEL

Dimensions (inches)	
L	64 19/32"
W	39 3/32"
D	1 19/32"

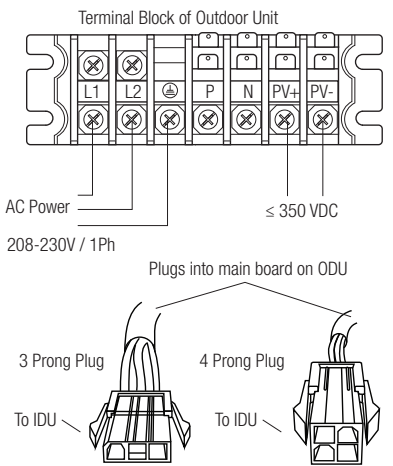


INDOOR UNIT

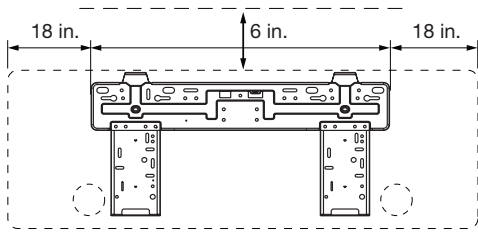
Dimensions (inches)	
W	39"
H	12 5/8"
D	8 9/32"



TERMINAL BLOCK



MOUNTING PLATE



- Minimized municipal power usage. As low as 30W.
- PV panel DC power, supplemented by municipal power. (Municipal electricity is required for stable power source.)
- Advanced temperature, comfort and safety control
- Can be integrated to work with existing solar panels
- R410A refrigerant and constructed from environment friendly materials.
- Solar panel installations eligible for Federal tax credit and/or State and/or utility company's rebate/incentive programs
- 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 system design
- Compact outdoor unit with side discharge
- Outdoor unit ships pre-charged.
- High quality compressors
- Durable powder coated cabinet
- Default flare brass connection valves
- Knock-outs for refrigerant pipes and wiring
- Built to UL standards
- Easy installation and maintenance

YMGI Group
 601 Arrow Ln, O'Fallon, Missouri 63366
 Phone: 1-866-833-3138
 Fax: 1-866-377-3355
 ymgigroup.com

Sales Representative or Distributor: