



## Submittal Data Sheet: WMMS-42KF-U2B(58)4

### INDOOR UNIT



**WMMS-42EF-V2B(58)4**



### OUTDOOR UNIT



**WMMS-42C-V2B(58)4**

### ACCESSORIES

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

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

YMGI's ductless Recessed Fan Coil Mini Split (WMMS) is designed for high performance, easy installation and servicing. The single-zone WMMS system consists of 1 recessed fan coil indoor unit and 1 outdoor unit. The outdoor unit is designed for horizontal venting, making condenser installation in tight areas simple. Ideal for multi-family and high-rise buildings in residential, commercial, institutional, and industrial applications. Includes wall mount control.

System		WMMS-42KF-U2B(58)4
Power Supply	V/Ph/Hz	208-230 / 1 / 60
Power Voltage Allowed Min./Max.	V	187 / 253
Surge Protector In Incoming Power Supply	Field-Install	Recommended
Cooling Capacity	Btu/h	39,500
Capacity Range	Btu/h	12,000-42,500
Cooling Power Input Max.	W	4700
Heating Capacity @ 47 °F	Btu/h	44,000
Heating Power Input Min./Stand./Max.	Btu/h	13,500-52,500
Heating Power Input Max.	W	4750
Heating Capacity @ 17 °F	Btu/h	24,800
SEER		18
EER		9.5
COP	W/W	3.3
HSPF		9.00
Indoor Unit Model		WMMS-42EF-V2B(58)4
Air Flow Volume	CFM	950/1175
Dehumidifying Volume	pt/hr	1.28
Fan Motor Power Output	HP	1/3
Fan Motor FLA	A	2.1
Max. Over Current Protection	A	15
Min. Current (MCA)	A	3.0
Evaporator Form		Aluminum Fin-Copper Tube
Set Temperature Range	°F	61-86
Sound Pressure Level	dB (A)	43 / 53
Sound Power Level	dB (A)	43 / 53
Outdoor Unit Model		WMMS-42C-V2B(58)4
Compressor Type		DC Inverter Driven Rotary
Compressor RLA	A	21.2
Fan Motor Power Output	HP	2 x 1/6
Fan Motor FLA	A	2 x 2.0
Max. Over Current Protection	A	45
Min. Current (MCA)	A	29.0
Outdoor Unit Air Flow Volume	CFM	2590
Condenser Fin / Tube Structure		Aluminum Fin-copper Tube
Maximum Allowable Pressure	PSIG	624
Throttling Method		Electron expansion valve
Defrosting Method		Automatic Defrosting
Sound Pressure / Power Level	dB (A)	63 / 63
Cooling Operation Ambient Temp. Range	°F	0 ~ 118
Heating Operation Ambient Temp. Range	°F	0 ~ 75
R410A Refrigerant Factory Charge	ozs	123.2
Factory Charge for Pipe Length	ft.	25
Gas Additional Charge	oz/ft.	0.6

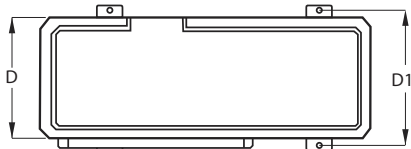
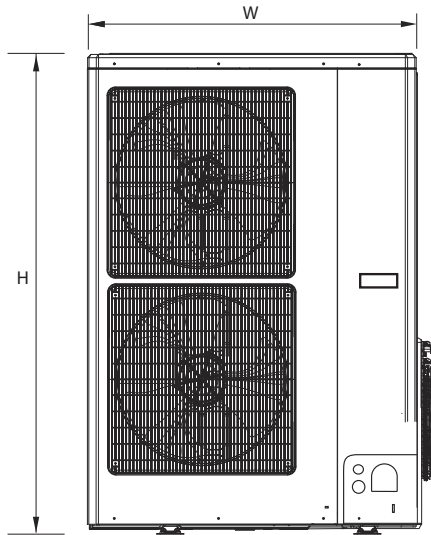
System		WMMS-42KF-U2B(58)4
Dimensions & Weight Indoor Unit		
Indoor Unit Model		WMMS-42EF-U2B(58)4
Dimension (WxHxD)	inch	48.25 x 30.5 x 11.375
Net/Gross Weight	lbs	101.2 / 116.6
Dimensions & Weight Outdoor Unit		
Outdoor Unit Model		WMMS-42C-U2B(58)4
Dimension of Unit (WxHxD)	Inch	37.8" x 53.1" x 16.3"
Net / Gross Weight	lbs	209/232
Connection Pipes		
Outer Diameter of Liquid Valve	inch	3/8"
Outer Diameter of Gas Valve	inch	5/8"
Max Elevation Difference IDU-ODU	ft.	49
Max Copper Line Length	ft.	164



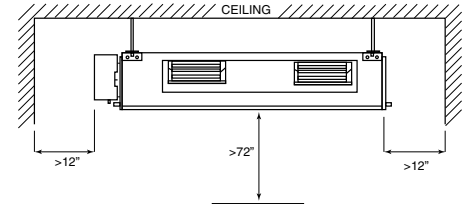
# Submittal Data Sheet: WMMS-42KF-U2B(58)4

## OUTDOOR UNIT

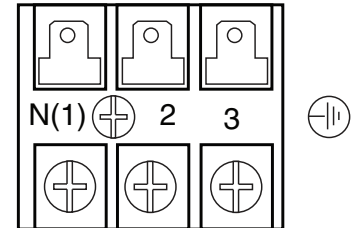
Dimensions (inches)	
W	37.75"
H	53.125"
D	14.75"



## CLEARANCES

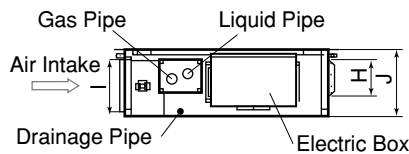
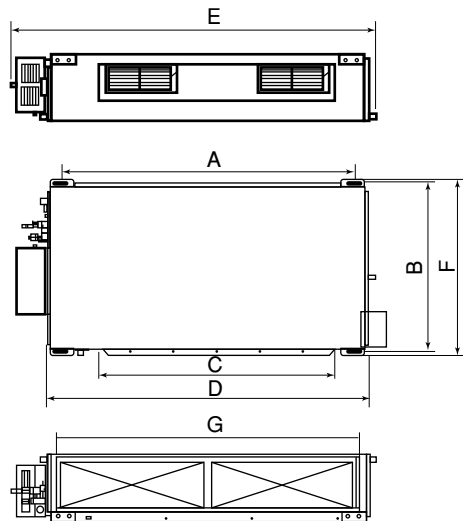


## TERMINAL BLOCK

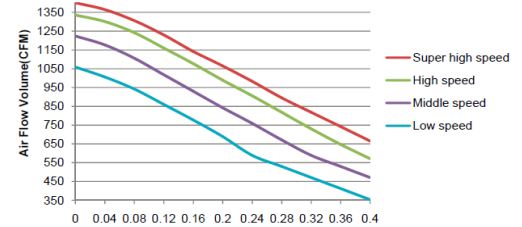


## INDOOR UNIT

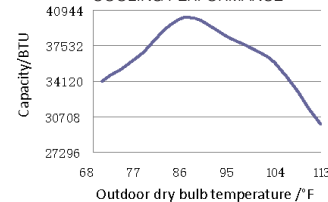
Dimensions (inches)	
A	39.75"
B	29.5"
C	32.25"
D	43.875"
E	48.25"
F	30.5"
G	38.5"
H	6.25"
I	9.125"
J	11.375"



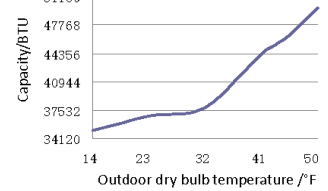
## FAN PERFORMANCE CURVES



## COOLING PERFORMANCE



## HEATING PERFORMANCE



## FEATURES

- 208-230/1/60 power input
- Quiet and efficient heating & cooling.
- Wall Mounted Controller with Digital Display
- Low profile for easy installation in a ceiling or between joists
- Built in protection functions
- 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 wires
- Built to ETL/UL/CSA/ARI 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: