



Submittal Data Sheet: WMMS-42CH-V2B(59)2

OUTDOOR UNIT



WMMS-42CH-V2B(59)2
2 to 4 zones

ACCESSORIES

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

Job Name:		Tag #:	
Location		Date:	
Engineer:		Approval:	
Submitted to:		Unit #:	
Submitted by:		Drawing #:	
Reference		PO #:	

The CHOIR outdoor condensing unit has a 16 SEER rating. With a 42k Btu/h capacity and capable of heating and cooling 1 to 4 zones. The CHOIR requires 208-230 volt, 1 phase, 60Hz power. Refrigerant is pumped as a thermal medium to disperse heat into ambient air in the summer; while absorbing heat from ambient air in the winter. The compact design allows for ground installation, or mounting in a variety of discreet locations, including on a wall, under a deck or a balcony.

Model Number		WMMS-42CH-V2B(59)2	
Number of Zones			2 to 4
Power Supply			208-230/1/60
Cooling Capacity*	Max. Allowed IDU Capacity Total	Btu/h	48,000
	Rated 1	Btu/h	28,000
	Min	Btu/h	10,000
Total Power Input in Cooling Mode*	Max.	W	4500
	Rated	W	2600
	Min.	W	900
SEER			16
HSPF			8.2
Heating Capacity* (Btu/h)	Max. IDU Cap. Total 2	Btu/h	50,000
	Rated 1	Btu/h	31,000
	Min.	Btu/h	9,000
Total Power Input in Heating Mode*	Max.		3500
	Rated		2920
	Min.		900
Compressor Oil			/ FV50S /
L.R.A.		A	45
Compressor RLA		A	9.7
Compressor Power Input		W	2200
MCA		A	20-All IDUs EW / 30-All IDUs EC or EU
Fuse or Circuit Breaker (HVAC Type)		A	30-All IDUs EW / 40-All IDUs EC or EU
Throttling Method			Electronic Expansion Valve
Starting Method			Transducer starting
Recommended Working Ambient Temp Ranges		°F	AC: 20 to 115 HP: 5 to 75
Condenser			Aluminum fin-copper tube
Output of Fan Motor (W)		W	60
Fan Motor RLA		A	0.65
Fan Motor Capacitor		uF	3.5
Fan Type-Piece			Axial fan 1
Fan Diameter (Inches)		inches	18.1
Defrosting Method			Auto Defrost
Isolation			I
Moisture Protection			IP24
Max. Operating Pressure at High Side		PSI	550
Max. Operating Pressure at Low Side		PSI	175
Sound Pressure Level (H / L)		dB(A)	56 / 54
Sound Power Level (H / L)		dB(A)	66 / 64

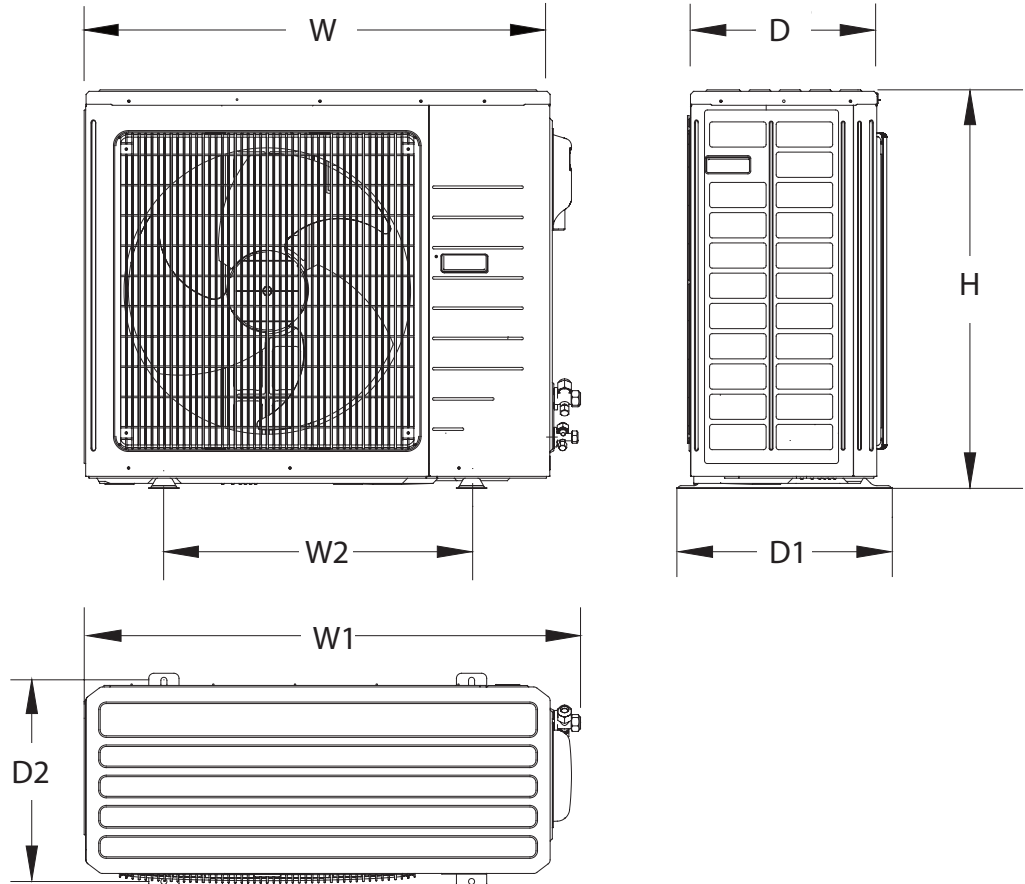
Outdoor Unit Models		WMMS-42CH-V2B(59)2
Connection Pipes		
R410A Refrigerant Factory Pre-Charge for 25'	lbs.	4.84
Additional Refrigerant Charge	oz/ft.	0.23
Liquid Valve Size	inches	4 x 1/4"
Gas Valve Size	inches	4 x 3/8"
Dimensions & Weight Outdoor Unit		
Dimensions (W x H x D)	inches	37.2 x 27.6 x 15.75
Net Weight /Gross Weight	lbs.	165 / 176



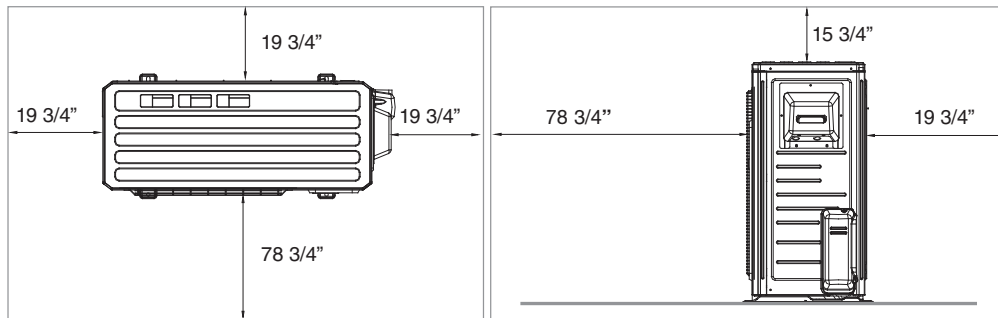
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OUTDOOR UNIT

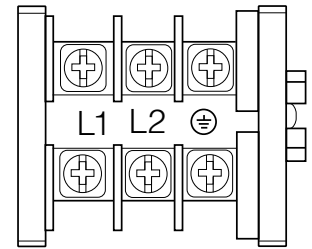
Dimensions (inches)	
W	35 7/8"
W1	38"
W2	23 7/8"
H	27 19/32"
D	15 3/4"
D1	17"
D2	15 5/8"



CLEARANCES



TERMINAL BLOCK



FEATURES

- 208-230/1/60 power input
- Quiet and efficient heating & cooling.
- DC Inverter technology
- Wide working ambient temperature ranges
- Compact outdoor unit with side discharge
- Outdoor unit ships pre-charged.
- High quality compressors
- Durable powder coated cabinet
- Standard flare brass connection valves
- Built to ETL/UL/CSA/AHRI standards
- Easy installation and maintenance

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