



SYMPHONY SOLO (57)2, 3 Wall Mount Mini-Split Heat Pumps

M1 Wall Mount Single Zone Mini Split System

- 9k, 12k, 18k, and 24k BTU Cooling & Heating Capacities
- 16 SEER
- Washable and Reusable Particulate Air Filters
- Environmentally Friendly R410A Refrigerant
- Energy Management & Thermostat Connections



YMGI Wall Mounted Indoor Unit

The SOLO (57)2 and 3 Series uses a Wall Mounted evaporator unit that provides quiet and efficient heating and cooling that is designed for single room applications. The SOLO (57) features a simplified display that shows mode and set temperature. A motorized louver system helps quietly distribute air throughout the space. The SOLO 57 provides precise and efficient temperature control to create a comfortable living or working environment



WMMS-09C-V2A(57)2 WMMS-18C-V2B(57)3
WMMS-12C-V2A(57)2 WMMS-24C-V2B(57)3



YMGI DC Inverter Outdoor Unit

The SOLO (57)2 and 3 Series outdoor condensing units have a 16 SEER rating. With heating and cooling capacities of 9k and 12k that are powered by a 115 volt, 1 phase, 60Hz electrical supply, and as 18k and 24k that are powered by 208-230 volt, 1 phase, 60Hz. Unit comes precharged with environmentally friendly R410A refrigerant. The compact design allows for ground installation, or mounting in a variety of discreet locations, including on a wall, under a deck, or on a balcony.

Accessories

PVC Foot Risers



Wall Mount Brackets



Wind Baffles



Simple To Install

The (57) Series Heat Pump units the indoor unit uses an integrated mounting plate and requires a 3" hole for conduit. The conduit houses the condensate drain hose, refrigerant pipes and electrical wiring.



DC Inverter Mini-Split Heat Pumps (57)2, 3

Available in 09k, 12k, 18k, and 24k Models

System Model Number		WMMS-09K-V2A(57)2	WMMS-12K-V2A(57)2	WMMS-18K-V2B(57)3	WMMS-24K-V2B(57)3	
Power Supply	V/Ph/Hz	115 / 1 / 60	115 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	
	Connection	Circuit Breaker-Disconnect Switch- Outdoor-Indoor Unit	Circuit Breaker-Disconnect Switch- Outdoor-Indoor Unit	Circuit Breaker-Disconnect Switch- Outdoor-Indoor Unit	Circuit Breaker-Disconnect Switch- Outdoor-Indoor Unit	
Standard/ Min./Max. Cooling Capacities	Btu/h	9000 / 3,500 / 11,000	11800 / 3,300 / 12,500	18000 / 4,500 / 21,000	22000 / 6,400 / 24,000	
Standard/ Min. /Max. Heating Capacities	Btu/h	9800 / 2,500 / 11,000	13000 / 3,400 / 13,500	19200 / 4,000 / 23,000	26600 / 4,100 / 26,600	
Standard/ Min. /Max. Cooling Power Input	W	750 / 220 / 1,100	1260 / 260 / 1,340	1620 / 200 / 2,400	2,200 / 300 / 2,550	
Standard/ Min. /Max. Heating Power Input	W	830 / 230 / 1,230	1,320 / 250 / 1,360	2,600 / 300 / 2,600	2,800 / 320 / 2,800	
Cooling /Heating Current	Amp.	9 / 9.5	15 / 15.5	7.85 / 7.10-11.77 / 10.65	11.50 / 10.50 - 13.00 / 12.80	
Rated Power Input	W	1230	1360	2600	2800	
Min. Current (MCA)	Amp.	12.2	19.2	14.3	16.6	
Max. Over Current Protection	Amp.	20	25 / 30	20	25 / 30	
EER /COP /SEER /HSPF	Btu/h.W	12 / 12 / 16 / 8.6	9.4 / 9.8 / 16 / 8.6	11.1 / 8.0 / 16.0 / 8.0	10.0 / 10.0 / 16.0 / 9.5	
Air Flow Volume-Indoor Unit	CFM	330 / 277 / 224 / 188	341 / 288 / 235 / 200	471 / 400 / 330 / 271	589 / 441 / 306 / 206	
	pt/hr	1.69	2.96	3.8	4.5	
Indoor Unit Model	Indoor Unit Model	WMMS-09E-V2A(57)2	WMMS-12E-V2A(57)2	WMMS-18E-V2B(57)3	WMMS-24E-V2B(57)3	
	Fan Type	Cross-flow	Cross-flow	Cross-flow	Cross-flow	
	Fan Wheel Diameter x Length (DxL)	Inch	ø3 39/64 x 23 3/8	ø3 39/64 x 23 3/8	ø3 7/8 x 25 39/64	ø 3 7/8 x 30 1/8
	Cooling Speed SH/H/M/L	RPM	1300 / 1100 / 900 / 700	1350 / 1150 / 950 / 750	1400 / 1150 / 1000 / 850	1350 / 1150 / 1000 / 850
	Heating Speed SH/H/M/L	RPM	1300 / 1140 / 980 / 820	1350 / 1190 / 1020 / 850	1450 / 1250 / 1100 / 950	1350 / 1150 / 1000 / 900
	Fan Motor Power Output	W	10	10	20	35
	Fan Motor RLA	Amp.	0.38	0.38	0.32	0.31
	Fan Motor Capacitor	µF	4	4	1.5	2.5
	Ele. Heater	W	NA	NA	NA	NA
	Evaporator Type		Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
	Evaporator Pipe Diameter	Inch	ø 5/16	ø 5/16	ø 5/16	ø 5/16
	Evaporator Row-fin Gap	Inch	2 @ 1/16	2 @ 1/16	2 @ 3/64	2 @ 3/64
	Evaporator Coil W x H x D	Inch	24 x 11 39/64 x 1	24 x 11 39/64 x 1	25 7/8 x 12 x 1	25 7/8 x 12 x 1
	Swing Motor Model		MP24BA	MP24BA	MP28VB	MP35XX
	Swing Motor Power Output	W	2	2	2	2
	Fuse Location-Size	Amp.	PCB 3.15 Transformer 0.2	PCB 3.15 Transformer 0.2	PCB 3.15 Transformer 0.2	PCB 3.15 Transformer 0.2
	Set Temperature Range	°F	60.8-86	60.8-86	60.8-86	60.8-86
	Sound Pressure Level	dB (A)	41 / 37 / 35 / 32	43 / 39 / 35 / 32	48 / 43 / 38 / 34	49 / 43 / 39 / 34
	Sound Power Level	dB (A)	51 / 47 / 45 / 42	53 / 49 / 45 / 42	58 / 53 / 48 / 43	59 / 53 / 49 / 44
	Dimension of Unit (W x H x D)	Inch	30.3" x 11.1" x 7.9"	30.3" x 11.1" x 7.9"	34.1" x 12.0" x 8.5"	39.7" x 12.4" x 8.7"
Net /Gross Weight	lb	18.7 / 25.4	18.7 / 25.4	27.0 / 35.3	33.1 / 44.1	
Outdoor Unit Model	Outdoor Unit Model	WMMS-09C-V2A(57)2	WMMS-12C-V2A(57)2	WMMS-18C-V2B(57)3	WMMS-24C-V2B(57)3	
	Compressor Oil	-	FVC68D	FVC68D	FV50S	FV50S
	Compressor Type	-	Rotary	Rotary	Rotary	Rotary
	Compressor LRA	Amp.	18.60	18.60	27.00	41
	Compressor RLA	Amp.	6	6	10.86	8.38
	HVAC Type Circuit Breaker	Amp.	20	20	30	30
	Compressor Power Input	W	980	980	2500	1630
	Compressor Overload Protector	-	1NT11L-6233	1NT11L-6233	1NT11L-6578	1NT11L-3979
	Fan Type	-	Axial-flow	Axial-flow	Axial-flow	Axial-flow
	Fan Blade Diameter	Inch	ø 15 3/4	ø 15 3/4	ø 20 1/2	ø 20 1/2
	FanMotor Speed	RPM	900 / 850	900 / 850	690	690
	FanMotor Power Output	W	30	30	60	60
	FanMotor RLA Amp.	Amp.	0.18	0.18	0.62	0.59
	FanMotor Capacitor	µF	NA (DC)	NA (DC)	3.5	3.5
	Condenser Form	-	AluminumFin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	AluminumFin-Copper Tube
	Condenser Pipe Diameter	Inch	ø 9/32	ø 9/32	ø 9/32	ø 9/32
	Condenser Rows-FinGap	Inch	2 @ 1/16	2 @ 1/16	2 @ 3/64	2 @ 3/64
	Condenser Coil LxDxW	Inch	29 23/32" x 1" x 19 1/2"	29 23/32" x 1" x 19 1/2"	32 61/64" x 1 1/2" x 26"	32 61/64" x 1 1/2" x 26"
	Max. Pressure for the Discharge Side	PSIG	623.5	623.5	623.5	623.5
	Max. Pressure for the Suction Side	PSIG	362.5	362.5	362.5	362.5
Cooling Outdoor Ambient Temperature Ranges	°F	Gen. 2: 64.4° ~ 113°	Gen. 2: 64.4° ~ 113 °	Gen. 3: 19° ~ 113°	Gen. 3: 19° ~ 113°	
Heating Outdoor Ambient Temperature Ranges	°F	5° ~ 75°	5° ~ 75°	5° ~ 75°	5° ~ 75°	
Throttling Method	-	Electron Expansion Valve	Electron Expansion Valve	Capillary	Electron Expansion Valve	
DefrostingMethod	-	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	
Isolation /Moisture Protection	-	I / IP24	I / IP24	I / IP24	I / IP24	
Sound Pressure / Power Level	dB (A)	53 / 63	55 / 65	56 / 66	53 / 63	
Dimensions of Unit (W x Hx D)	Inch	33.4" x 12.6" x 21.3"	33.4" x 12.6" x 21.3"	37.6" x 15.6" x 27.6"	37.6" x 15.6" x 27.6"	
Net /Gross Weight	lb	68.4 / 77.2	68.4 / 77.2	106 / 117	115 / 126	
Refrigerant	-	R410A	R410A	R410A	R410A	
Refrigerant Factory Charge	oz	35.30	35.3	45.86	54.7	
Length without Adjusting Refrigerant	ft.	25	25	25	25	
Additional Refrigerant Charge	oz/ft.	0.2	0.2	0.2	0.215	
Outer Diameter of Liquid Pipe	Inch	1/4	1/4	1/4	1/4	
Outer Diameter of Gas Pipe	Inch	3/8	3/8	1/2	1/2	
Max. Allowed ID-OD Elevation Difference	ft.	32.8	32.8	33	32.8	
Max. Allowed ID-OD Distance/Length	ft.	65.6	65.6	82	82	

All specifications subject to change without notice. Images are for reference only. See website full details on operation and requirements.

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