



SYMPHONY SOLO (58)4 EW Wall Mount Mini-Split Heat Pumps

Wall Mount Single Zone Mini Split System

- 9k, 12k, 18k, 24k, 30k and 36k BTU Cooling & Heating Capacities
- 18 SEER
- Washable and Reusable Particulate Air Filters
- Remote Control
- Environmentally Friendly R410A Refrigerant



YMGI Wall Mounted Indoor Unit

The SOLO (58)4 Series Wall Mounted unit is the most popular evaporator style, and offers a quiet and efficient heating and cooling solution for any single room application. It features a large LED display that shows the set temperature and operating mode. A motorized louver system helps quietly distribute air evenly throughout the space. It provides quiet and precise climate control for your living and work environment.



YMGI DC Inverter Outdoor Unit

The SOLO (58)4 Outdoor Units have SEER ratings of 18 to 23. With heating and cooling capacities of 9k to 36k, they are powered by 208-230 volt, 1 phase, 60Hz electrical supply. The (58) Series is ideal for large open spaces, that only require a single heating and cooling zone, such as studio apartments, garages, gyms, offices, etc. The 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.

Simple To Install

The (58) Series Heat Pump systems have an indoor unit that uses an integrated mounting plate, and requires a 3" hole for conduit. The conduit houses the condensate drain hose, refrigerant pipes and electrical wiring.



Intertek



Accessories

PVC Foot Risers

Wall Mount Brackets



Bridge Controller



Thermostats



With a YMGI bridge controller a standard thermostat can be used for temperature control. (Nest, Honeywell, Pro1, YMGI, etc.)



Wall Mount DC Inverter Mini-Split Heat Pumps (58)4

Available in 09k, 12k 18k, 24k, 30k, and 36k Models

System		WMMS-09K-V2B(58)4	WMMS-12K-V2B(58)4	WMMS-18K-V2B(58)4	WMMS-24K-V2B(58)4	WMMS-30K-V2B(58)4	WMMS-36K-V2B(58)4	
Power Supply	V/Ph/Hz	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	
Power Voltage Allowed Min./Max.	V	187 / 253	187 / 253	187 / 253	187 / 253	187 / 253	187 / 253	
Cooling Capacity	Btu/h	3100 / 9000 / 9600	3100 / 12000 / 13000	6800 / 18000 / 20000	6800 / 22000 / 27300	9500 / 28000 / 30000	7400 / 33600 / 36000	
Heating Capacity (Min./Rating/Max.)	Btu/h	1900 / 11000 / 12000	2400 / 13000 / 14000	7300 / 19800 / 23500	6800 / 23000 / 30700	10000 / 28400 / 33000	15000 / 34600 / 36000	
Cooling Power Input Min./Stand./Max.	W	160 / 630 / 1300	200 / 960 / 1350	450 / 1435 / 2150	450 / 1760 / 3000	600 / 2700 / 3900	450 / 4100 / 4300	
Heating Power Input Min./Stand./Max.	W	160 / 1020 / 1350	400 / 1100 / 1400	580 / 1730 / 2600	450 / 2000 / 3000	650 / 2800 / 4000	560 / 3800 / 4300	
EER	W/W	4.19	3.66	3.68	3.66	3.04	2.40	
EER	(Btu/h)/w	14.29	12.50	12.50	12.50	10.37	8.20	
COP	W/W	3.16	3.46	3.35	3.37	2.97	2.67	
COP	(Btu/h)/w	10.78	11.82	11.45	11.50	10.14	9.11	
SEER		23.00	22.00	20	20	18.00	18.00	
HSPF	(Btu/h)/w	10.50	11.00	10	10	9.00	9.00	
Cooling Current	A	2.80	4.50	6.37	8.05	11.5	17	
Heating Current	A	3.50	5.50	7.68	8.35	12	16.5	
Rated Input	W	1350	1400	3000	3000	4000	4300	
Rated Current	A	5.8	6.0	10.39	14.49	17	20	
Rated Heating Current	A	6.0	6.3	12.56	14.49	17.5	20	
Max. Over Current Protection	A	20	20	30	30	30	40	
Min. Current (MCA)	A	9	9	16	20	20	24	
Starting Current	A	2	2	5	5	2	2	
Indoor Unit Model		WMMS-09E-V2B(58)4	WMMS-12E-V2B(58)4	WMMS-18E-V2B(58)4	WMMS-24E-V2B(58)4	WMMS-30E-V2B(58)4	WMMS-36E-V2B(58)4	
Fan Type		Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow	
Fan Diameter Length (DxL)	inch	ø 3 55/64 x 25	ø 3 55/64 x 25	ø 4 3/16 x 27 51/64	ø 4 1/4 x 32 43/64	ø 4 1/4 x 20 37/64	ø 4 1/4 x 20 37/64	
Cooling Speed	r/min	1350 / 1200 / 1050 / 750	1400 / 1200 / 1050 / 800	1400 / 1200 / 1050 / 800	1300 / 1100 / 900 / 850	1350 / 1150 / 950 / 850	1400 / 1250 / 1000 / 800	
Heating Speed	r/min	1300 / 1150 / 1000 / 900	1400 / 1200 / 1000 / 900	1400 / 1200 / 1100 / 900	1300 / 1100 / 1000 / 900	1350 / 1200 / 1000 / 800	1400 / 1250 / 1050 / 850	
Air Flow Volume	CFM	380 / 290 / 240 / 170	400 / 290 / 240 / 170	560 / 490 / 410 / 330	700 / 650 / 590 / 530	710 / 660 / 530 / 410	710 / 660 / 530 / 410	
Dehumidifying Volume	pt/day	1.69	2.96	3.80	4.23	6.34	7.40	
Washable Filter		Yes	Yes	Yes	Yes	Yes	Yes	
Fan Motor Power Output	W	20	20	60	60	70	70	
Fan Motor RLA	A	0.09	0.09	0.24	0.38	0.4	0.4	
Fuse on Control Board	A	3	3	3	3	3	3	
Evaporator Form		Aluminum fin-Copper tube	Aluminum fin-Copper tube	Aluminum fin-Copper tube	Aluminum fin-Copper tube	Aluminum fin-Copper tube	Aluminum fin-Copper tube	
Evaporator Pipe Diameter	inch	ø 9/32	ø 9/32	ø 9/32	ø 9/32	ø 9/32	ø 9/32	
Evaporator Coil Length (LxDxW)	inch	25 x 7/8 x 12 1/16	25 x 7/8 x 12 1/16	28 9/64 x 1 x 12	33 1/4 x 1 x 13 1/2	42 9/32 x 1 x 15	42 9/32 x 1 x 15	
Fuse Current	A	3.15	3.15	3.15	3.15	3.15	3.15	
Set Temperature Range	°F	61-86	61-86	61-86	61-86	61-86	61-86	
Sound Pressure Level	dB (A)	43/39/35/29	45/39/35/29	47/43/40/39	48/44/40/36	/	/	
Sound Power Level	dB (A)	53/49/45/39	55/49/45/39	57/53/50/49	58/54/50/46	/	/	
Dimension (WxHxD)	inch	33.28" x 11.38" x 8.25"	33.28" x 11.38" x 8.25"	38.19" x 11.81" x 8.81"	42.44" x 12.81" x 9.69"	53.16" x 12.84" x 9.97"	53.16" x 12.84" x 9.97"	
Net/Gross Weight	lbs	22.1/26.5	22.1/26.5	27.6/34.2	34.2/41.9	41.9/51.8	41.9/51.8	
Outdoor Unit Model		WMMS-09C-V2B(58)4	WMMS-12C-V2B(58)4	WMMS-18C-V2B(58)4	WMMS-24C-V2B(58)4	WMMS-30C-V2B(58)4	WMMS-36C-V2B(58)4	
Compressor Trademark		GR	GR	GR	GR	GR	GR	
Compressor Oil		DAPHNE FVC50K	DAPHNE FVC50K	RB68EP	RB68EP	PVE	FV50S	
Compressor Type		Swing	Swing	Rotary	Rotary	Rotary	Rotary	
Compressor LRA	A	20	20	25	25	40.00	67.00	
Compressor RLA	A	4.00	4.00	12.08	11.50	13.45	17.50	
Compressor Power Input	W	845	845	1440	2550	2450	3010	
Fan Type / Diameter	--/inch	Axial-flow / 15.748	Axial-flow / 15.748	Axial-flow / 21.654	Axial-flow / 21.654	Axial-flow / 21.654	Axial-flow / 21.654	
Fan Motor Power Output	W	30	30	60	92	120	170	
Fan Motor RLA	A	/	/	0.49	0.65	0.45	0.73	
Outdoor Unit Air Flow Volume	CFM	1060	1180	1880	2350	2350	2590	
Condenser Fin / Tube Structure		Aluminum fin-Copper tube	Aluminum fin-Copper tube	Aluminum fin-Copper tube	Aluminum fin-Copper tube	Aluminum fin-Copper tube	Aluminum fin-Copper tube	
Condenser Pipe Diameter	inch	ø 0.375	ø 0.375	ø 9/32	ø 9/32	ø 5/16	ø 3/8	
Permissible Excessive Operating Pressure for the Discharge Side	PSIG	624	624	624	624	624	624	
Maximum Allowable Pressure	PSIG	624	624	624	624	624	624	
Throttling Method		Electron Expansion Valve	Electron Expansion Valve	Electron Expansion Valve	Electron Expansion Valve	Electron Expansion Valve	Electron Expansion Valve	
Defrosting Method		Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	
Sound Pressure / Power Level	dB (A)	53 / 63	54 / 64	55 / 65	59 / 69	62 / 72	65 / 75	
Dimension of Unit (WxHxD)	inch	33.41 x 21.31 x 12.59	33.4 x 23.31 x 12.63	37.63 x 27.63 x 15.63	38.63 x 31.13 x 16.8	38.63 x 31.13 x 16.81	43.625 x 43.25 x 17.375	
Net / Gross Weight	lbs	78 / 84	86 / 93	106 / 116	142 / 153	154 / 165	204.6/222.2	
Cooling Ambient Temp. Range	°F	0-115	0-115	0-115	0-115	0-115	0-115	
Heating Ambient Temp. Range	°F	-4-75	-4-75	-4-75	-4-75	-4-75	-4-75	
R410A Refrigerant Factory Charge	ozs	45.9	47.6	56.44	77.6	84.66	91.71	
Factory Charge for Pipe Length	ft.	24.6	24.6	24.6	24.6	24.6	24.6	
Gas Additional Charge	oz/ft.	0.215	0.215	0.2	0.5	0.538	0.538	
Outer Diameter of Liquid Valve	inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	
Outer Diameter of Gas Valve	inch	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	
Max Elevation Difference IDU-ODU	ft.	32.8	32.8	32.8	32.8	32.8	32.8	
Max Copper Line Length	ft.	50	65	80	80	100	100	
Standard Control		Remote	Remote	Remote	Remote	Remote	Remote	
Wall Controller		No	No	No	No	Optional	Optional	
Bridge Controller Compatible		Yes	Yes	Yes	Yes	Yes	Yes	
Thermostat		Nest, Honeywell, YMGI, Pro1 are compatible with the Bridge Controller (Sold Separately)						

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

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: