



09, 12, 18, 24K Btu/h



13 SEER-M1

YMGI SYMPHONY-CLASSIC

Wall Mount Mini Split System-Single Zone

- * World-class Compressors (**TOSHIBA, HITACHI, PANASONIC**)
- * Flexible/Easy/Quick Set-up
- * Quiet Operation, User Friendly and Stylish Looking
- * Zone-controlled, Energy and Cost Saving
- * Work Better in Hot or Cold Weather than Most of Others



YMGI, Engineered Comfort Products for A Sustainable and Efficient Green World!

APPLICATIONS:

- | | | |
|------------|-----------------|----------------|
| * HOMES | * CONDOS | * APARTMENTS |
| * HOTELS | * RESORTS | * OFFICES |
| * BARS | * FACTORIES | * RESTAURANTS |
| * SUNROOMS | * NURSING ROOMS | * MOBILE HOMES |

FEATURES:

- | | | |
|-------------------------------------|---|----------------------------------|
| * QUICK COOLING AND HEATING | * AUTO DRYING & CLEANING | * SLEEP MODE |
| * INDEPENDENT DEHUMIDIFICATION | * REMOTE/LINE CONTROL | * ENHANCED COPPER/COIL |
| * INTELLIGENT/MECHANICAL DEFROSTING | * 12-HOUR TIMER | * PRE-CHARGED |
| * QUIET OPERATION | * AUTO-TEST BUTTON | * DIGITAL DISPLAY (LIGHT ON/OFF) |
| * MULTI-FOLD EVAPORATOR | * MEMORIES AND AUTO RESTART | * STYLISH LOOKING |
| * RANDOM PITCH CROSS FLOW FAN WHEEL | * INDOOR FAN WON'T START UNTIL COIL IS HOT ENOUGH | * EASY INSTALLATION |
| * WIDE ANGLE AIR SPREAD | * LOW AMBIENT CONTROL | * EASY OPERATION |
| * LONG AIR THROW | * OVER CURRENT & THERMAL PROTECTION | * THOROUGHLY TESTED |
| * WASHABLE FILTER | | * RELIABLE QUALITY |

ADD-ON ACCESSORIES AND PARTS:

- | | | |
|--|----------------------------------|----------------------------------|
| * WALL MOUNT THERMOSTAT CAPABLE CONTROL BOARD | * REMOTE CONTROLLER LOCK (KEYED) | * COPPER/WIRE/ACC.SET (ACC. KIT) |
| * WIRELESS PHONE CONTROL | * BRACKETS (FOR OUTDOOR UNIT) | * LINESSET COVERS |
| * ADVANCED HEALTH KITS (HEPA/ ENZYME/ COLD CATALYST FILTER...) | * FOOT RISERS (FOR OUTDOOR UNIT) | * WINTER WIND BAFFLE |



Phone-AC/HP Control
(Call to Control from Anywhere)



Foot Riser for
Outdoor Unit



Bracket for
Outdoor Unit



Copper Lineset
Covers



Accessory Kit (Copper/Wiring
Set, Piping Wrap, Wall
Sleeve, Putty, Drain Hose)

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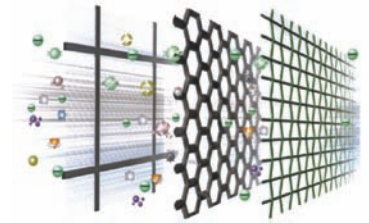
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09-18K



24K



9,000, 12,000,
18,000, 24,000 Btu/h
Cooling Only and Heat Pump

COOLING ONLY	MODELS	SYSTEM MODEL	WMMS-09K-31A	WMMS-12K-31A	WMMS-18K-31B	WMMS-24K-31B
		INDOOR UNIT	WMMS-09E-31A	WMMS-12E-31A	WMMS-18E-31B	WMMS-24E-31B
		OUTDOOR UNIT	WMMS-09C-31A	WMMS-12C-31A	WMMS-18C-31B	WMMS-24C-31B
HEAT PUMP	MODELS	SYSTEM MODEL	WMMS-09K-32A	WMMS-12K-32A	WMMS-18K-32B	WMMS-24K-32B
		INDOOR UNIT	WMMS-09E-32A	WMMS-12E-32A	WMMS-18E-32B	WMMS-24E-32B
		OUTDOOR UNIT	WMMS-09C-32A	WMMS-12C-32A	WMMS-18C-32B	WMMS-24C-32B
REF. TUBE/WIRE INS. KIT	Copper Sets, Wiring, Putty, Wall Sleeve, Wrap, Drain Hose	INST-1438-xx	INST-1412-xx	INST-3858-xx	INST-3858-xx	
COOLING CAPACITY	Rated ID 80/67F OD 95F	BTU/H 1), 2)	9000	12000	18000	24000
HEATING CAPACITY	Rated ID 70/60F OD 47F (17F)	BTU/H 1), 2)	9900	13200	19800	26400
RECOMMENDED WORKING TEMPERATURE RANGES	COOLING ID/OD (F) 3)	Indoor Side 61 to 105 / Outdoor Side 45 to 115 4)				
RECOMMENDED WORKING TEMPERATURE RANGES	HEATING ID/OD (F) 3)	Indoor Side 17 to 86 / Outdoor Side 17 to 75 5)				
DEHUMIDIFICATION	RATED	PTS./H	7.2 / 6.8	9.6 / 3.48	6.4 / 6.5	8.5 / 8.2
SEER	RATED	BTU/H.W	13			
HSPF	RATED	BTU/H.W	9.2			
SOUND LEVEL (Actual)	INDOOR / OUTDOOR	dB(a)	33-42 / 53	37-45 / 53	42-50 / 57	43-49 / 58
REFRIGERANT	PRE-CHARGED FOR 25' TUBING R410A					
POWER SOURCE	FROM CIRCUIT BREAKER TO OUTDOOR TO INDOOR UNIT A: 115/1/60 B: 208-230/1/60					
TOTAL CURRENT	AMP	9.6	13.2	9.6	13.2	
MCA	AMP	11.9	16.2	11.8	16.2	
HVAC CIRCUIT BREAKER SIZE	AMP	20.0	25.0	20.0	25.0	
INDOOR FAN MOTOR	FAN	TYPE	CROSS FLOW			
		CFM	265	365	565	765
	MOTOR (PSC)	RATED AMP	0.20/0.10	0.40/0.20	0.30	0.40
OUTDOOR FAN MOTOR	FAN	TYPE	PROPELLER			
		CFM	1175	1175	1765	2350
	MOTOR (PSC)	RATED AMP	0.20	0.50	0.60	0.90
	SPEED	1				
COMPRESSOR	HERMETIC	TYPE	ROTARY			
		BRAND	Toshiba, Hitachi, Panasonic, or Equivalent			
CONNECTION TUBE	DRAIN	DRAIN PIPE	Flexible			
	REFRIGERANT	DISCHARGE	1/4"	1/4"	3/8"	3/8"
		SUCTION	3/8"	1/2"	5/8"	5/8"
ALLOWED MAXIMUM REF. TUBE LENGTH (WITHOUT BEING UPPER SIZED)	LIFT	FT	16	16	16	16
	DROP	FT	16	16	16	16
	MIN.-MAX. LENGTH	FT	15-50	15-50	15-50	15-50
WEIGHT	INDOOR-NET	LBs	22	28	35	48
	INDOOR-GROSS	LBs	26	33	42	57
	OUTDOOR-NET	LBs	70	79	143	143
	OUTDOOR-GROSS	LBs	79	90	154	154
DIMENSION W×H×D	INDOOR-NET	INCH	31 1/2x11x7 1/2	35 3/8x11 1/2x8 1/2	42 4/8x11 7/8x8 3/4	51 1/4x13 1/8x9 5/8
	INDOOR-BOX	INCH	34 1/8x14 1/8x10 3/4	38 3/4x14 3/4x11 3/4	45 7/8x15 3/8x12 1/2	59 5/8x16 7/8x13 5/8
	OUTDOOR-NET	INCH	31 1/4x21 1/4x8 7/8	33 1/2x23 3/4x11 5/8	35 3/8x32 7/8x13	35 3/8x32 7/8x13
	OUTDOOR-BOX	INCH	36 1/4x23 3/8x13 1/4	39 1/4x27 1/4 x16 1/4	40 5/8x37 3/4x17 1/4	40 5/8x37 3/4x17 1/4
LOADING CAPACITY	40'HQ	SET	268	174	114	100

- 1) Performance rated for matched system at standard conditions-cooling ID 80/67F, OD 95F; heating ID 70/60F, OD 47/43F. Unit performance varies when weather changes from the standard one.
- 2) Select equipment capacity/sizes per space load calculation schedule at local design temperatures and cooling & heating hours. Not to over size or under size equipment.
- 3) Watch unit operation during extreme weather conditions in summer and winter. After the unit is used for quite a while in these weather, unit may step into protection mode and stay idle.
- 4) Heating capacity and efficiency decrease, as outdoor temperature drops. Cooling capacity and efficiency drops, as outdoor temperature rises.
- 5) Low ambient control doesn't come as a standard feature, may select ICM 326HN as add-on low ambient control.

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