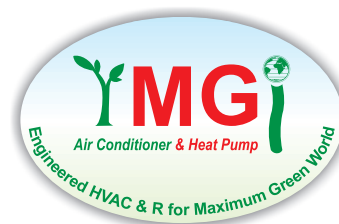




2x09, 2x12, 2x18, 2x24, 2x30 BTU/H

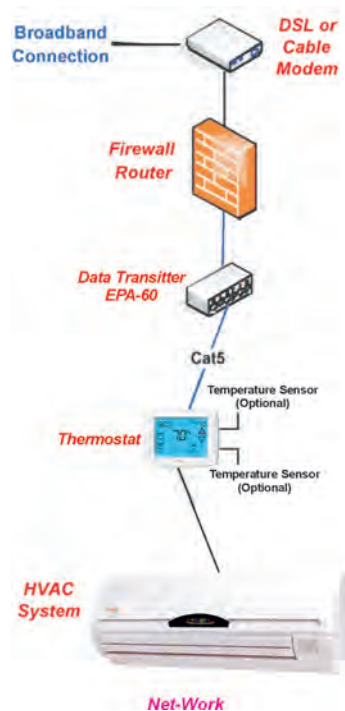


13 SEER-M2

R410A System

Wall Mount Mini Split System-Dual Zone

- * World-class Compressors (**TOSHIBA, HITACHI, SANYO, PANASONIC**)
- * Flexible/Easy/Quick Set-up, User Friendly and Stylish Looking
- * Quiet Operation, Zone-Controlled, Energy and Cost Saving
- * **Each Indoor Unit Can Run Either Cooling or Heating (For Example, Cooling in Computer Rooms, and Heating in Offices)**
- * Work Better in Hot or Cold Weather than Most of Others



Cooling Only & Heat Pump (W or W/O Supplemental Ele. Heater)



APPLICATIONS:

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

FEATURES:

- | | | |
|-------------------------------------|--|------------------------|
| * OPTIMIZED SYSTEM DESIGN | * WASHABLE FILTER | * SLEEP MODE |
| * QUICK COOLING AND HEATING | * REMOTE/LINE CONTROLLER | * ENHANCED COPPER/COIL |
| * INDEPENDENT DEHUMIDIFICATION | * 24-HOUR TIMER | * PRE-CHARGED |
| * INTELLIGENT/MECHANICAL DEFROSTING | * MEMORIES AND AUTO RESTART | * DIGITAL DISPLAY |
| * QUIET OPERATION | * SUPPLEMENTAL ELECTRIC HEATER IN COLD WEATHER-34B MODELS ONLY | * STYLISH LOOKING |
| * MULTI-FOLD EVAPORATOR | * INDOOR FAN WON'T START UNTIL COIL IS WARM/HOT ENOUGH | * EASY INSTALLATION |
| * RANDOM PITCH CROSS FLOW FAN WHEEL | * OVER CURRENT & THERMAL PROTECTION | * EASY OPERATION |
| * WIDE ANGLE AIR SPREAD | | * THOROUGHLY TESTED |
| * LONG AIR THROW | | * RELIABLE QUALITY |

ADD-ON ACCESSORIES AND PARTS:

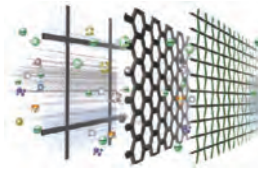
- | | | |
|---|----------------------------------|----------------------------------|
| * WALL MOUNT THERMOSTAT CAPABLE CONTROL BOARD | * REMOTE CONTROLLER LOCK (KEYED) | * COPPER/WIRE/ACC.SET (ACC. KIT) |
| * WIRELESS PHONE CONTROLLER | * BRACKETS (FOR OUTDOOR UNIT) | * LINESSET COVERS |
| * LOW AMBIENT CONTROL | * FOOT RISERS (FOR OUTDOOR UNIT) | * WINTER WIND BAFFLE |

Air Marketing Group LLC

141 Kinderkamack Rd, Park Ridge, NJ 07656 Tel: 201-782-1782 Fax: 201-782-1783 Web: www.amgair.com Email: info@amgair.com



or



2x9,000, 2x12,000, 2x18,000,
2x24,000, 2x30,000 Btu/h
Cooling Only, Heat Pump, Heat Pump+Heater

COOLING ONLY	MODELS	SYSTEM MODEL	WMMS-2x09K-31B	WMMS-2x12K-31B	WMMS-2x18K-31B	WMMS-2x24K-31B	WMMS-2x30K-31B	WMMS-0912K-31B
		INDOOR UNIT	WMMS-09F(E)-31B	WMMS-12F(E)-31B	WMMS-18F(E)-31B	WMMS-24F(E)-31B	WMMS-30F(E)-31B	WMMS-09/12F(E)-31B
		OUTDOOR UNIT	WMMS-2x09C-31B	WMMS-2x12C-31B	WMMS-2x18C-31B	WMMS-2x24C-31B	WMMS-2x30C-31B	WMMS-0912C-31B
HEAT PUMP	MODELS	SYSTEM MODEL	WMMS-2x09K-32B	WMMS-2x12K-32B	WMMS-2x18K-32B	WMMS-2x24K-32B	WMMS-2x30K-32B	WMMS-0912K-32B
		INDOOR UNIT	WMMS-09F(E)-32B	WMMS-12F(E)-32B	WMMS-18F(E)-32B	WMMS-24F(E)-32B	WMMS-30F(E)-32B	WMMS-09/12F(E)-32B
		OUTDOOR UNIT	WMMS-2x09C-32B	WMMS-2x12C-32B	WMMS-2x18C-32B	WMMS-2x24C-32B	WMMS-2x30C-32B	WMMS-0912C-32B
HEAT PUMP+ELE. HEATER	MODELS	SYSTEM MODEL	WMMS-2x09K-34B	WMMS-2x12K-34B	WMMS-2x18K-34B	WMMS-2x24K-34B	WMMS-2x30K-34B	WMMS-0912K-34B
		INDOOR UNIT	WMMS-09F(E)-34B	WMMS-12F(E)-34B	WMMS-18F(E)-34B	WMMS-24F(E)-34B	WMMS-30F(E)-34B	WMMS-09/12F(E)-34B
		OUTDOOR UNIT	WMMS-2x09C-32B	WMMS-2x12C-32B	WMMS-2x18C-32B	WMMS-2x24C-32B	WMMS-2x30C-32B	WMMS-0912C-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	INST-3834-xx	INST-1438, 1412-xx
COOLING CAPACITY	Rated ID 80/67F OD 95F	BTU/H 1), 2)	2x9000	2x12000	2x18000	2x24000	2x30000	9000+12000
HEATING CAPACITY	Rated ID 70/60F OD 47F (17F)	BTU/H 1), 2)	2x9500(5000)	2x12800(6800)	2x19000(8900)	2x25000(13700)	2x31000(16600)	9500(5000)+12800(6800)
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)					
ELECTRIC HEATER (SUP.)	HEATING BOOSTER(34B MODELS ONLY)	W(MAX)	2x800	2x1000	2x1200	2x1200	2x1500	800+1000
DEHUMIDIFICATION	RATED	PTS./H	2x3.4	2x4.6	2x6.9	2x7.6	2x8.4	3.4+4.6
SEER	RATED	BTU/H.W	13					
HSPF	RATED	BTU/H.W	9.2					
SOUND LEVEL (Actual)	INDOOR/OUTDOOR	dB(a)	2x(28-30 / 43-45)	2x(29-31 / 43-45)	2x(29-31 / 43-45)	2x(34-36 / 45-47)	2x(34-36 / 45-47)	(28-30 / 43-45)+(29-31 / 43-45)
REFRIGERANT	PRE-CHARGED FOR 25' TUBING		R410A					
POWER	FROM CIRCUIT BREAKER TO OUTDOOR TO INDOOR UNIT		B: 208-230/1/60					
TOTAL CURRENT	W/O HEATER (31,32 Models)	AMP	9.8	13.1	19.2	26.6	32.4	11.6
	WITH HEATER (34 Models)	AMP	16.8	21.9	29.6	37	45.4	19.5
MCA	W/O HEATER (31,32 Models)	AMP	12.6=2x6.3	17.0=2x8.5	23.6=2x11.8	32.6=2x16.3	39.6=2x19.8	15.1=6.6+8.5
	WITH HEATER (34 Models)	AMP	21.4=2x10.7	28.0=2x14.0	36.4=2x18.2	45.6=2x22.8	56.0=2x28.0	25.0=11.0+14.0
HVAC CIRCUIT BREAKER SIZE	W/O HEATER (31,32 Models)	AMP	20.0=2x10.0	20.0=2x10.0	40.0=2x20.0	50.0=2x25.0	60.0=2x30.0	20.0=10.0+10.0
	WITH HEATER (34 Models)	AMP	30.0=2x15.0	30.0=2x15.0	50.0=2x25.0	60.0=2x30.0	80.0=2x40.0	30.0=15.0+15.0
INDOOR FAN MOTOR	FAN	TYPE	CROSS FLOW					
		CFM	2x295	2x365	2x565	2x765	2x765	295+365
	MOTOR (PSC)	RATED AMP	2x0.10	2x0.20	2x0.30	2x0.40	2x0.40	0.10+0.20
OUTDOOR FAN MOTOR	FAN	SPEED	3					
		TYPE	PROPELLER					
	MOTOR (PSC)	CFM	1765	2350	3530	4350	5450	2350
		RATED AMP	0.60	0.90	2x0.60	2x0.90	2x1.30	0.90
COMPRESSOR	HERMETIC	TYPE	ROTARY					
		BRAND	Toshiba, Hitachi, Sanyo, Panasonic					
	DRAIN	DRAIN PIPE	Flexible					
CONNECTION TUBE	REFRIGERANT	DISCHARGE	2x1/4"	2x1/4"	2x3/8"	2x3/8"	2x3/8"	2x1/4"
		SUCTION	2x3/8"	2x1/2"	2x5/8"	2x5/8"	2x5/8"	3/8+1/2"
ALLOWED MAXIMUM REF. TUBE	LIFT	FT	25	25	25	25	25	25
	DROP	FT	25	25	25	25	25	25
	TOTAL LENGTH	FT	2x50	2x50	2x65	2x75	2x75	2x50
WEIGHT	INDOOR-NET	LBs	2x17	2x25	2x33	2x42	2x42	17+25
	INDOOR-GROSS	LBs	2x23	2x28	2x36	2x48	2x48	23+28
	OUTDOOR-NET	LBs	112	135	200	229	257	128
	OUTDOOR-GROSS	LBs	121	145	233	266	295	138
DIMENSION W×H×D	INDOOR-NET	INCH	31x11x7	36x11x8	41x12x8	49x13x9		31x11x7+36x11x8
	INDOOR-BOX	INCH	34x13x11	39x14x11	44x15x11	52x14x13		34x13x11+39x14x11
	OUTDOOR-NET	INCH	33x28x15	35x31x17	33x48x15	37x49x17		33x28x15
	OUTDOOR-BOX	INCH	39x30x17	41x34x19	39x51x17	42x52x19		39x30x17
LOADING CAPACITY	20'/40'/40'HQ	SETS	68/145/162	50/102/115	43/85/96	33/68/76		50/102/115

- 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) Cooling may still work in low temperatures, installed with optional low ambient controller. Ref. ICM 326HN.
- 5) Heating capacity and efficiency decrease, as outdoor temperature drops. Cooling capacity and efficiency drops, as outdoor temperature rises.