



**3x09, 3x12, 2x09+12, 2x09+18,
2x12+18, 2x12+30, 2x18+24K (=60,000 BTU/H)**

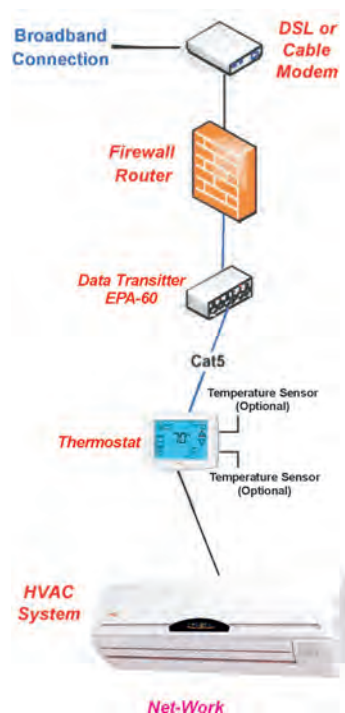


13 SEER-M2

R410A System

Wall Mount Mini Split System -Triple 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
- * HOTELS
- * HOMES
- * SUNROOMS
- * CONDOS
- * RESORTS
- * FACTORIES
- * NURSING ROOMS
- * APARTMENTS
- * OFFICES
- * RESTAURANTS
- * MOBILE HOMES

FEATURES:

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

ADD-ON ACCESSORIES AND PARTS:

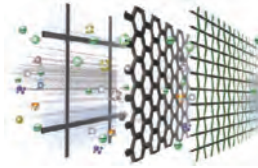
- * WALL MOUNT THERMOSTAT CAPABLE CONTROL BOARD
- * WIRELESS PHONE CONTROLLER
- * LOW AMBIENT CONTROL
- * REMOTE CONTROLLER LOCK (KEYED)
- * BRACKETS (FOR OUTDOOR UNIT)
- * FOOT RISERS (FOR OUTDOOR UNIT)
- * COPPER/WIRE/ACC.SET (ACC. KIT)
- * LINE SET COVERS
- * WINTER WIND BAFFLE

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

**OPTIONS AT MANUFACTURE OR AFTER SALES:**

- * Rust-free Cabinet
- * Plug & Connect Valves
- * Low Ambient Control
- * Wall Mount Line Control
- * Cabled Defrost Control
- * Advanced Health Kits (HEPA/Enzyme/ Cold Catalyst, Filter, Light Wave, Or, Anion Generator)
- * Treated Coil
- * Plug & Connect Copper Line Set

**3x09, 3x12, 2x09+12, 2x09+18,
2x12+18, 2x12+30, 2x18+24K (=60,000 BTU/H)
Cooling Only, Heat Pump, Heat Pump+Heater**

COOLING ONLY	MODELS	SYSTEM MODEL	WMMS-3x09K-31B	WMMS-3x12K-31B	WMMS-2x0912K-31B	WMMS-2x1218K-31B	WMMS-2x1824K-31B	WMMS-2x1230K-31B
		INDOOR UNIT	WMMS-09F-31B	WMMS-09F-31B	WMMS-09/12F-31B	WMMS-12/18F-31B	WMMS-18/24E(F)-31B	WMMS-12/30E(F)-31B
		OUTDOOR UNIT	WMMS-3x09C-31B	WMMS-3x12C-31B	WMMS-2x0912C-31B	WMMS-2x1218C-31B	WMMS-2x1824C-31B	WMMS-2x1230C-31B
HEAT PUMP	MODELS	SYSTEM MODEL	WMMS-3x09K-32B	WMMS-3x12K-32B	WMMS-2x0912K-32B	WMMS-2x1218K-32B	WMMS-2x1824K-32B	WMMS-2x1230K-32B
		INDOOR UNIT	WMMS-09F-32B	WMMS-09F-32B	WMMS-09/12F-32B	WMMS-12/18F-32B	WMMS-18/24E(F)-32B	WMMS-12/30E(F)-32B
		OUTDOOR UNIT	WMMS-3x09C-32B	WMMS-3x12C-32B	WMMS-2x0912C-32B	WMMS-2x1218C-32B	WMMS-2x1824C-32B	WMMS-2x1230C-32B
HEAT PUMP+ELE. HEATER	MODELS	SYSTEM MODEL	WMMS-3x09K-34B	WMMS-3x12K-34B	WMMS-2x0912K-34B	WMMS-2x1218K-34B	WMMS-2x1824K-34B	WMMS-2x1230K-34B
		INDOOR UNIT	WMMS-09F-34B	WMMS-09F-34B	WMMS-09/12F-34B	WMMS-12/18F-34B	WMMS-18/24E(F)-34B	WMMS-12/30E(F)-34B
		OUTDOOR UNIT	WMMS-3x09C-32B	WMMS-3x12C-32B	WMMS-2x0912C-32B	WMMS-2x1218C-32B	WMMS-2x1824C-32B	WMMS-2x1230C-32B
REF. TUBE/WIRE INS. KIT	Copper Sets, Wiring, Putty, Wall Sleeve, Wrap, Drain Hose	INST-1438-xx	INST-1438-xx	INST-1438, 1412-xx	INST-1412, 3858-xx	INST-3858-xx	INST-1412, 3834-xx	
COOLING CAPACITY	Rated ID 80/67F OD 95F	BTU/H 1), 2)	3x9000	3x12000	2x9000+12000	2x12000+18000	2x18000+24000	2x12000+30000
HEATING CAPACITY	Rated ID 70/60F OD 47F (17F)	BTU/H 1), 2)	3x9500(5000)	3x12800(6800)	2x9500(5000)+12800(6800)	2x12800(6800)+19200(8900)	2x19200(8900)+25000(13700)	2x12800(6800)+31000(16600)
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)	3x800	3x1000	2x800+1000	2x1000+1200	2x1200+1500	2x800+1500
DEHUMIDIFICATION	RATED	PTS./H	3x3.4	3x4.6	2x3.4+4.6	2x4.6+6.9	2x6.9+7.6	2x4.6+8.4
SEER	RATED	BTU/H.W	13					
HSPF	RATED	BTU/H.W	9.2					
SOUND LEVEL (Actual)	INDOOR / OUTDOOR	dB(a)	3x(28-30 / 43-45)	3x(29-31 / 43-45)	2x(28-30 / 43-45)+(29-31 / 43-45)	3x(29-31 / 43-45)	2x(29-31 / 43-45)+(34-36 / 45-47)	2x(29-31 / 43-45)+(34-36 / 45-47)
REFRIGERANT	PRE-CHARGED FOR 25' TUBING		R410A					
POWER SOURCE	FROM CIRCUIT BREAKER TO OUTDOOR TO INDOOR UNIT		208-230/1/60					
TOTAL CURRENT	W/O HEATER (31,32 Models)	AMP	14.8	19.5	16.5	23	33	29.7
	WITH HEATER (34 Models)	AMP	25.3	32.7	27.9	37	48.6	45
MCA	W/O HEATER (31,32 Models)	AMP	20.1=1x6.7+2x6.7	26.4=1x8.8+2x8.8	22.6=2x6.9+8.8	31.8=2x9.4+13.0	41.7=2x12.5+16.7	37.6=2x8.9+19.8
	WITH HEATER (34 Models)	AMP	33.3=1x11.1+2x11.1	42.9=1x14.3+2x14.3	36.9=2x11.3+14.3	46.6=2x14.0+18.6	61.2=2x19.0+23.2	56.8=2x14.4+28.0
HVAC CIRCUIT BREAKER SIZE	W/O HEATER (31,32 Models)	AMP	30.0=1x10+2x10	30.0=1x10+2x10	30.0=2x10.0+10.0	40.0=2x10.0+20.0	65.0=2x20.0+25.0	50.0=2x10.0+30.0
	WITH HEATER (34 Models)	AMP	45.0=1x15+2x15	45.0=1x15+2x15	45.0=2x15.0+15.0	55.0=2x15.0+25.0	80.0=2x25.0+30.0	70.0=2x15.0+40.0
INDOOR FAN MOTOR	FAN	TYPE	CROSS FLOW					
		CFM	3x295	3x365	2x295+365	2x365+565	2x565+765	2x365+765
	MOTOR (PSC)	RATED AMP	3x0.10	3x0.20	2x0.10+0.20	2x0.20+0.30	2x0.30+0.40	2x0.20+0.40
OUTDOOR FAN MOTOR	FAN	SPEED	3					
		TYPE	PROPELLER					
	MOTOR (PSC)	CFM	2350	3530	3530	4350	5450	5450
		RATED AMP	2x0.50	2x0.60	2x0.60	2x0.90	2x1.3	2x1.3
COMPRESSOR	HERMETIC	TYPE	ROTARY					
		BRAND	Toshiba, Hitachi, Sanyo, Panasonic					
CONNECTION TUBE	DRAIN	DRAIN PIPE	Flexible					
	REFRIGERANT	DISCHARGE	3x1/4"	3x1/4"	3x1/4"	2x1/4"+3/8"	3x3/8"	2x1/4"+3/8"
		SUCTION	3x3/8"	3x1/2"	2x3/8"+1/2"	2x1/2"+5/8"	2x5/8"+3/4"	2x1/2"+5/8"
MAXIMUM REF. TUBE	LIFT	FT	25	25	25	25	25	25
	DROP	FT	25	25	25	25	25	25
	TOTAL LENGTH	FT	3x50	3x50	2x50+50	2x50+65	2x65+75	2x50+85
WEIGHT	INDOOR-NET	LBs	3x17	3x17	2x17+25	2x25+33	2x33+42	2x25+42
	INDOOR GROSS	LBs	3x23	3x23	2x23+28	2x28+36	2x36+48	2x28+48
	OUTDOOR-NET	LBs	200	216	222	233	240	265
	OUTDOOR GROSS	LBs	215	231	237	250	260	285
DIMENSION W×H×D	INDOOR-NET	INCH	31x11x7	36x11x8	31x11x7/36x11x8	36x11x8/41x12x8	41x12x8/49x13x9	36x11x8/49x9x13
	INDOOR-BOX	INCH	34x13x11	39x14x11	34x13x11/39x14x11	39x14x11/44x15x11	44x15x11/52x14x13	39x14x11/52x14x13
	OUTDOOR-NET	INCH	33x48x15	37x49x17	33x48x15	37x49x17		
	OUTDOOR-BOX	INCH	39x51x17	42x52x19	39x51x17	42x52x19		
LOADING CAPACITY	20/40/40/HQ	SETS	40/81/91			32/68/76		30/65/73

- 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.