

PURCHASER	P.O. #	DATE
PROJECT	LOCATION	
ENGINEER	ARCHITECT	
SUBMITTED BY	FOR APPROVAL	FOR REFERENCE

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL



115 volt

MM09YJ

9000 Btu cooling
9800 Btu heating

MM12YJ

11800 Btu cooling
13000 Btu heating



Comfort & Convenience

- All models offer heating and cooling capabilities
- Inverter technology is more energy efficient and can self-adjust capacity to match cooling needs
- Multiple operating modes including: AUTO, COOL, DRY (dehumidification), FAN ONLY and HEAT
- TURBO mode operates the unit at maximum performance to quickly bring the room to set temperature
- 4 fan speeds heating or cooling: HIGH, MEDIUM, LOW, "QUIET", plus AUTO-FAN
- Continuous 'Air Sweep' UP & DOWN
- LCD remote
- 24-hour timer and sleep timer
- Auto-restart after power interruptions
- Auto-shut flaps close when unit is off for a sleeker appearance
- Washable, long-life, antimicrobial air filters
- 230 volt models provide cooling in outdoor temperatures down to 5° F
- 4 different transmitter codes to prevent unintentional interference with nearby units



230/208 volt

MM18YJ

18000 Btu cooling
23000 Btu heating

MM24YJ

22000 Btu cooling
26600 Btu heating



SPECIFICATIONS

2014 Mid-Tier PERFORMANCE RATINGS					
SYSTEM MODEL NO.		MM09YJ	MM12YJ	MM18YJ	MM24YJ
INDOOR MODEL		MWM09Y1J	MWM12Y1J	MWM18Y3J	MWM24Y3J
OUTDOOR MODEL		MRM09Y1J	MRM12Y1J	MRM18Y3J	MRM24Y3J
CAPACITY COOLING (RATED)	Btu	9000	11800	18000	22000
CAPACITY COOLING MIN - MAX	Btu	3500~11000	3300~12500	4500~21000	6400~24000
COOLING AMPS		9.00	15.00	7.85/7.10	11.50/10.50
HEATING AMPS		9.50	15.5	10.60/11.80	12.80/13.00
SENSIBLE HEAT RATIO		0.79	0.73	0.77	0.77
CAPACITY HEATING (RATED) @ 47°F	Btu	9800	13000	23000	26600
CAPACITY HEATING MIN - MAX	Btu	2500~11000	3400~13500	4000~23000	4100~26600
CAPACITY HEATING (RATED) @ 17°F	Btu	5400	8500	12000	18600
HSPF		8.6	8.6	8.5	8.5
SEER		16.0	16.0	16.0	16.0
EER		12.00	9.40	11.11	10.00
ENERGY STAR		Y	N	N	N
MOISTURE REMOVAL	Pts/h	1.69	2.96	3.80	4.50
AIRFLOW (HIGH/MED/LOW/QUIET)	CFM	330/277/224/188	341/288/235/200	471/400/330/271	588/441/306/206
SOUND RATING - INDOOR (HIGH/MED/LOW/QUIET)	dB-A	41/37/35/32	43/39/35/32	48/43/38/34	49/43/39/34
SOUND RATING - OUTDOOR	dB-A	53	55	56	53
OPERATING RANGE (HEATING)	°F	5-75	5-75	-4-75	19-75
OPERATING RANGE (COOLING)	°F	32*-113	32*-113	5-118	5-115
EST. YEARLY OPERATING COST	U.S. \$	67	113	146	198
ELECTRICAL DATA					
POWER SOURCE	V/Hz/Phase	115/60/1	115/60/1	208/230/60/1	208/230/60/1
MIN. AMPACITY	A	13	15	15	16
COOLING WATTS	W	750	1260	1620	2200
HEATING WATTS	W	830	1320	2400	2800
MAX. TD FUSE/BREAKER	A	20	25	25	25
REFRIGERATION SYSTEM					
REFRIGERANT		R410A	R410A	R410A	R410A
COMPRESSOR TYPE		Inverter	Inverter	Inverter	Inverter
CONNECTIONS		Flare	Flare	Flare	Flare
LIQUID LINE O.D.	in	1/4"	1/4"	1/4"	1/4"
SUCTION LINE O.D.	in	3/8"	3/8"	1/2"	1/2"
REFRIGERANT CHARGE	oz.	35.3	35.3	45.8	54.7
FACTORY PRECHARGE	ft	24.6	24.6	24.6	24.6
MAX. LINE LENGTH	ft	65	65	82	82
MAX. HEIGHT DIFFERENCE	ft	32	32	32	32
DIMENSIONS & WEIGHT					
INDOOR UNIT					
L X W X H	in	33 5/16"×13 9/16"×10 7/8"	33 5/16"×13 9/16"×10 7/8"	37 5/16"×15 1/8"×12 3/16"	42 3/8"×15 11/16"×12 15/16"
NET WEIGHT	lbs	19	19	26	33
SHIPPING WEIGHT	lbs	25	25	35	44
OUTDOOR UNIT					
L X W X H	in	34 11/16"×14 5/16"×23 7/16"	34 11/16"×14 5/16"×23 7/16"	40 9/16"×18 1/16"×29 9/16"	40 9/16"×18 1/16"×29 9/16"
NET WEIGHT	lbs	68	68	106	115
SHIPPING WEIGHT	lbs	77	77	117	126
TOTAL NET WEIGHT	lbs	87	87	132	148
TOTAL SHIPPING WEIGHT	lbs	102	102	152	170

*Capacity is reduced as 32 degrees Fahrenheit is approached.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.

