

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

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

## Wall-mounted single zone

One wall-mounted indoor unit connected to one outdoor unit.

### Features

- Auto swing louvers (up/down)
- Continuous 'Air Sweep'
- Auto-restart after power interruptions
- Auto-shut flaps close when unit is off for a sleeker appearance
- Washable, reusable air filters
- Removable front grille
- Auto-changeover (heat pump models)



Appearance varies by model.



### Wireless Remote

- Remote for each indoor unit
- 24-hour timer and sleep timer
- Auto/cool/dry/fan/heat\* modes
- Four fan speeds heating\* or cooling: high/medium/low/quiet, plus auto-fan
- Secured remote control holder
- Four different transmitter codes to prevent unintentional interference with nearby units

\* Heat pump models only



#### cool only

model	btu/h	seer
M18CF	18000	19.0
M24CF	24200	18.0
M30CF	30700	15.0
M36CF	33100	15.0

#### cool/ heat pump

model	btu/h	seer
M09YG	8500 10000	20.0
M12YG	11500 14000	20.0
M18YF	18000 21600	19.0
M24YF	24200 27600	18.0

Wall mounted cooling

**i** Inverter model

PERFORMANCE RATINGS						
SYSTEM MODEL NO.		M18CF <b>i</b>	M24CF <b>i</b>	M30CF <b>i</b>	M36CF <b>i</b>	
INDOOR MODEL		MW18C3F	MW24C3F	MW30C3F	MW36C3F	
OUTDOOR MODEL		MR18C3F	MR24C3F	MR30C3F	MR36C3F	
Capacity Cooling	BTU/h	1800	2420	3070	3310	
Capacity Cooling Min - Max	BTU/h	5500-19000	5200-26000	9900-34200	9900-34100	
Sensible Heat Ratio		0.63	0.76	0.67	0.67	
SEER		19.0	18.0	15.0	15.0	
EER		10.4	10.5	8.9	8.2	
Moisture Removal	Pts/h	5.9	5.3	9.7	10.1	
Airflow (Quiet, Low, Med, High)	CFM	240/290/355/415	380/450/560/650	380/450/560/650	365/440/530/700	
Sound Rating - Indoor	dB-A	25/32/38/44	32/36/41/47	32/36/41/47	32/36/41/49	
Sound Rating - Outdoor	dB-A	50	52	53	54	
Operating Range	°F	0 - 115	0 - 115	0 - 115	0 - 115	
ELECTRICAL DATA						
Power Source		230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	
Min. Ampacity	A	16	21	22	22	
Cooling Watts	W	1730	2310	3460	4040	
Max. TD Fuse/Breaker	A	20	25	30	30	
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	3/8	3/8	
Suction Line O.D.	in	1/2	5/8	5/8	5/8	
Factory Precharge	ft	49	49	66	66	
Max. Line Length	ft	66	98	164	164	
Max. Height Difference	ft	49	66	98	98	
DIMENSIONS & WEIGHT						
INDOOR UNIT	W x H x D	in	31 1/8 x 10 7/8 x 8 1/2	39 1/4 x 12 5/8 x 9	39 1/4 x 12 5/8 x 9	39 1/4 x 12 5/8 x 9
	Net Weight	lbs	21	31	31	31
	Shipping Weight	lbs	26	40	40	40
OUTDOOR UNIT	W x H x D	in	31 1/8 x 22 3/4 x 12 3/8	31 1/8 x 22 3/4 x 12 3/8	35 3/8 x 32 5/8 x 13	35 3/8 x 32 5/8 x 13
	Net Weight	lbs	88	97	137	137
	Shipping Weight	lbs	98	106	155	155

Wall mounted heat pumps

PERFORMANCE RATINGS						
SYSTEM MODEL NO.		M09YG <b>i</b>	M12YG <b>i</b>	M18YF <b>i</b>	M24YF <b>i</b>	
INDOOR MODEL		MW09Y3G	MW12Y3G	MW18Y3F	MW24Y3F	
OUTDOOR MODEL		MR09Y3G	MR12Y3G	MR18Y3F	MR24Y3F	
Capacity Cooling	BTU/h	8500	11500	18000	24200	
Cooling Capacity Min - Max	BTU/h	1700-10900	3100-13300	5500-19000	5200-26000	
Sensible Heat Ratio		0.71	0.71	0.63	0.76	
Capacity Heating @ 47°F	BTU/h	10000	14000	21600	27600	
Capacity Heating Min - Max	BTU/h	1700-15000	3100-19100	4600-29000	4100-36200	
Capacity Heating @ 17°F	BTU/h	8500	11000	13700	17800	
HSPF		10.0	10.0	10.0	10.0	
SEER		20.0	20.0	19.0	18.0	
EER		12.3	12.1	10.4	10.5	
Moisture Removal	Pts/h	2.8	3.8	5.9	5.3	
Airflow (Quiet, Low, Med, High)	CFM	178,260,361,444	178,260,361,444	240/290/355/415	380/450/560/650	
Sound Rating - Indoor	dB-A	22/33/38/43	22/33/38/43	25/32/38/44	32/36/41/47	
Sound Rating - Outdoor	dB-A	46	49	50	52	
Operating Range COOL (HEAT)	°F	0 - 115 (17-75)	0 - 115 (17-75)	0 - 115 (5-75)	0 - 115 (5-75)	
ELECTRICAL DATA						
Power Source		230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	
Min. Ampacity	A	15	15	16	21	
Cooling Watts	W	690	930	1730	2310	
Max. TD Fuse/Breaker	A	15	15	20	30	
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	5/8	
Factory Precharge	ft	25	25	49	49	
Max. Line Length	ft	66	66	66	98	
Max. Height Difference	ft	49	49	49	66	
DIMENSIONS & WEIGHT						
INDOOR UNIT	W x H x D	in	31 1/8 x 10 1/4 x 7 5/8	31 1/8 x 10 1/4 x 7 5/8	31 1/8 x 10 7/8 x 8 1/2	39 1/4 x 12 5/8 x 9
	Net Weight	lbs	16.5	16.5	21	31
	Shipping Weight	lbs	21	21	26	40
OUTDOOR UNIT	W x H x D	in	26 x 21 1/4 x 11 3/8	26 x 21 1/4 x 11 3/8	31 1/8 x 22 3/4 x 12 3/8	31 1/8 x 22 3/4 x 12 3/8
	Net Weight	lbs	55	71	88	97
	Shipping Weight	lbs	63	78	98	106