

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
C M09CF	9700	14.3
C M12CF	12300	13.5
C M18CF	18000	19.0
C M24CF	24200	18.0
C M30CF	30700	15.0

cool/ heat pump



model	btu/h	seer
C M09YF	9700	14.3
H M09YF	9600	14.3
C M12YF	12300	13.7
H M12YF	12800	13.7
C M18YF	18000	19.0
H M18YF	21600	19.0
C M24YF	24200	18.0
H M24YF	27600	18.0

wall mounted cooling

 Inverter model

PERFORMANCE RATINGS						
SYSTEM MODEL NO.		M09CF	M12CF	M18CF 	M24CF 	M30CF 
INDOOR MODEL		MW09C1F	MW12C1F	MW18C3F	MW24C3F	MW30C3F
OUTDOOR MODEL		MR09C1F	MR12C1F	MR18C3F	MR24C3F	MR30C3F
Capacity Cooling	BTU/h	9700	12300	18000	24200	30700
SEER		14.3	13.5	19.0	18.0	15.0
Moisture Removal	Pts/h	2.1	3.2	5.9	5.3	9.7
Airflow (Quiet, Low, Med, High)	CFM	185/220/260/295	215/250/305/355	240/290/355/415	380/450/560/650	380/450/560/650
Sound Rating - Indoor	dB-A	26/31/36/40	28/35/40/45	25/32/38/44	32/36/41/47	32/36/41/47
Sound Rating - Outdoor	dB-A	43	45	50	52	53
Operating Range	°F	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
ELECTRICAL DATA						
Power Source		115-60-1	115-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Min. Ampacity	A	12	15	16	21	22
Cooling Watts	W	820	1060	1730	2310	3460
Max. TD Fuse/Breaker	A	15	20	20	30	30
REFRIGERATION SYSTEM						
Refrigerant		R410A	R410A	R410A	R410A	R410A
Compressor Type		Rotary	Rotary	Inverter	Inverter	Inverter
Connections		Flare	Flare	Flare	Flare	Flare
Liquid Line O.D.	in	1/4	1/4	1/4	1/4	3/8
Suction Line O.D.	in	3/8	3/8	1/2	5/8	5/8
Factory Precharge	ft	25	25	49	49	66
Max. Line Length	ft	49	49	66	98	164
Max. Height Difference	ft	26	26	49	66	98
DIMENSIONS & WEIGHT						
INDOOR UNIT						
W x H x D	in	31 1/8 x 10 7/8 x 8 1/2	31 1/8 x 10 7/8 x 8 1/2	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
Net Weight	lbs	21	21	21	31	31
Shipping Weight	lbs	26	26	26	40	40
OUTDOOR UNIT						
W x H x D	in	31 1/8 x 21 1/4 x 11 3/8	31 1/8 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	35 3/8 x 32 5/8 x 13
Net Weight	lbs	68	77	88	97	137
Shipping Weight	lbs	77	86	98	106	155

wall mounted heat pumps

PERFORMANCE RATINGS						
SYSTEM MODEL NO.		M09YF	M12YF	M18YF 	M24YF 	
INDOOR MODEL		MW09Y1F	MW12Y1F	MW18Y3F	MW24Y3F	
OUTDOOR MODEL		MR09Y1F	MR12Y1F	MR18Y3F	MR24Y3F	
Capacity Cooling	BTU/h	9700	12300	18000	24200	
Capacity Heating @ 47°F	BTU/h	9600	12800	21600	27600	
Capacity Heating @ 17°F	BTU/h	7600	9900	16600	21000	
HSPF		8.2	8.2	10	10	
SEER		14.3	13.7	19.0	18.0	
Moisture Removal	Pts/h	2.1	3.2	5.9	5.3	
Airflow (Quiet, Low, Med, High)	CFM	185/220/260/295	215/250/305/355	240/290/355/415	380/450/560/650	
Sound Rating - Indoor	dB-A	26/31/36/40	28/35/40/45	25/32/38/44	32/36/41/47	
Sound Rating - Outdoor	dB-A	43	45	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		115-60-1	115-60-1	230/208-60-1	230/208-60-1	
Min. Ampacity	A	12	15	16	21	
Cooling Watts	W	820	1070	1730	2310	
Max. TD Fuse/Breaker	A	15	20	20	30	
REFRIGERATION SYSTEM						
Refrigerant		R410A	R410A	R410A	R410A	
Compressor Type		Rotary	Rotary	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	49	49	66	98	
Max. Height Difference	ft	26	26	49	66	
DIMENSIONS & WEIGHT						
INDOOR UNIT						
W x H x D	in	31 1/8 x 10 7/8 x 8 1/2	31 1/8 x 10 7/8 x 8 1/2	31 1/8 x 10 7/8 x 8 1/2	39 1/4 x 12 5/8 x 9	
Net Weight	lbs	21	21	21	31	
Shipping Weight	lbs	26	26	26	40	
OUTDOOR UNIT						
W x H x D	in	31 1/8 x 21 1/4 x 11 3/8	31 1/8 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	71	79	88	97	
Shipping Weight	lbs	79	88	98	106	