

FMB/FMC Series Multi-Position Air Handler Dimensions and Specifications

STANDARD EQUIPMENT



- Fully insulated cabinet
- Galvanized steel cabinet with painted front panels
- Direct drive flex mounted multi- speed blower
- Sequencer controlled heating elements
- Check style flowrater used for a/c and heat pumps
- Primary and secondary 3/4" MPT drain connections
- Circuit breaker
- Upflow or horizontal right as shipped. (Field convertible to downflow or horizontal left)
- Filter rack and disposable filter
- Line break limit controls
- Horizontal drain pan with primary and secondary
- 3/4" FPT connection
- 40 VA Transformer
- Left or right hand electric connection
- Fan time delay
- High efficiency copper tube / aluminum fin coil

OPTIONS

- TXV available
- Terminal block (10KW or less)
- Stainless steel powder coated drain pan
- Non-fused disconnect (10KW or less)
- 2 stage heating



A participating Corporation in the ARI
Air Conditioning Certification
Program.

FMB-10/07

PERFORMANCE DATA - SINGLE PHASE 208/240 VOLT

MODEL	NOMINAL COOLING (TONS)	HEATING (KW)		HEATING CAPACITY (MBTUH)		MINIMUM CIRCUIT AMPACITY		MAX FUSE OR HACR BKR		MINIMUM CIRCUIT AMPACITY SINGLE	MAX FUSE OR HACR BKR SINGLE POWER SUPPLY
		208V	240V	208V	240V	208V	240V	208V	240V		
FMB00 - 18	1 1/2	0.0	0.0	0	0	1.9	2.3	15	15	2.3	15
FMB05 - 18	1 1/2	3.8	5.0	13000	17000	25	29	30	30	29	30
FMB08 - 18	1 1/2	6.0	8.0	20500	27300	39	44	40	50	44	50
FMB10 - 18	1 1/2	7.5	10.0	25600	34100	47	55	50	60	55	60
FMB00 - 24	2	0.0	0.0	0	0	1.9	2.3	15	15	2.3	15
FMB05 - 24	2	3.8	5.0	13000	17000	25	29	30	30	29	30
FMB08 - 24	2	6.0	8.0	20500	27300	39	44	40	50	44	50
FMB10 - 24	2	7.5	10.0	25600	34100	47	55	50	60	55	60
FMB00 - 25	2	0.0	0.0	0	0	1.9	2.3	15	15	2.3	15
FMB05 - 25	2	3.8	5.0	13000	17000	25	29	30	30	29	30
FMB08 - 25	2	6.0	8.0	20500	27300	39	44	40	50	44	50
FMB10 - 25	2	7.5	10.0	25600	34100	47	55	50	60	55	60
FMB00 - 30	2 1/2	0.0	0.0	0	0	2.9	3.3	15	15	3.3	15
FMB05 - 30	2 1/2	3.8	5.0	13000	17000	26	30	30	30	30	30
FMB08 - 30	2 1/2	6.0	8.0	20500	27300	40	47	40	50	47	50
FMB10 - 30	2 1/2	7.5	10.0	25600	34100	49	56	50	60	56	60
FMB15 - 30	2 1/2	11.3	15.0	38400	51200	49/23	56/27	50/30	60/30	81	90
FMB20 - 30	2 1/2	15.0	20.0	51200	68200	49/46	56/53	50/50	60/60	107	110
FMB00 - 36/37	3	0.0	0.0	0	0	2.9	3.3	15	15	3.3	15
FMB05 - 36/37	3	3.8	5.0	13000	17000	26	30	30	30	30	30
FMB08 - 36/37	3	6.0	8.0	20500	27300	40	47	40	50	47	50
FMB10 - 36/37	3	7.5	10.0	25600	34100	49	56	50	60	56	60
FMB15 - 36/37	3	11.3	15.0	38400	51200	49/23	56/27	50/30	60/30	81	90
FMB20 - 36/37	3	15.0	20.0	51200	68200	49/46	56/53	50/50	60/60	107	110
FMB00 - 38	3	0.0	0.0	0	0	4.1	4.4	15	15	4.4	15
FMB05 - 38	3	3.8	5.0	13000	17000	27	30	30	30	30	30
FMB08 - 38	3	6.0	8.0	20500	27300	41	48	50	50	48	50
FMB10 - 38	3	7.5	10.0	25600	34100	50	57	50	60	57	60
FMB15 - 38	3	11.3	15.0	38400	51200	50/23	57/28	50/30	60/30	84	90
FMB20 - 38	3	15.0	20.0	51200	68200	50/46	57/54	50/50	60/60	110	110
FMB00 - 42	3 1/2	0.0	0.0	0	0	4.1	4.4	15	15	4.4	15
FMB05 - 42	3 1/2	3.8	5.0	13000	17000	27	30	30	30	30	30
FMB10 - 42	3 1/2	7.5	10.0	25600	34100	50	57	50	60	57	60
FMB15 - 42	3 1/2	11.3	15.0	38470	51200	50/23	57/28	50/30	60/30	84	90
FMB20 - 42	3 1/2	15.0	20.0	51200	68200	50/46	57/54	50/50	60/60	110	110
FMB25 - 42	3 1/2	18.8	25.0	64000	85300	50/46/23	57/54/27	50/50/30	60/60/30	136	150
FMB30 - 42	3 1/2	22.5	30.0	76800	102400	50/46/46	57/54/54	50/50/50	60/60/60	N/A	N/A
FMB00 - 48	4	0.0	0.0	0	0	4.1	4.4	15	15	4.4	15
FMB05 - 48	4	3.8	5.0	13000	17000	27	30	30	30	30	30
FMB10 - 48	4	7.5	10.0	25600	34100	50	57	50	60	57	60
FMB15 - 48	4	11.3	15.0	38400	51200	50/23	57/28	50/30	60/30	84	90
FMB20 - 48	4	15.0	20.0	51200	68200	50/46	57/54	50/50	60/60	110	110
FMB25 - 48	4	18.8	25.0	64000	85300	50/46/23	57/54/27	50/50/30	60/60/30	136	150
FMB30 - 48	4	22.5	30.0	76800	102400	50/46/46	57/54/54	50/50/50	60/60/60	N/A	N/A
FMB00-60/61/62/63/64	5	0.0	0.0	0	0	4.1	4.4	15	15	4.4	15
FMB05-60/61/62/63/64	5	3.8	5.0	13000	17000	27	30	30	30	30	30
FMB10-60/61/62/63/64	5	7.5	10.0	25600	34100	50	57	50	60	57	60
FMB15-60/61/62/63/64	5	11.3	15.0	38400	51200	50/23	57/28	50/30	60/30	84	90
FMB20-60/61/62/63/64	5	15.0	20.0	51200	68200	50/46	57/54	50/50	60/60	110	110
FMB25-60/61/62/63/64	5	18.8	25.0	64000	85300	50/46/23	57/54/27	50/50/30	60/60/30	136	150
FMB30-60/61/62/63/64	5	22.5	30.0	76800	102400	50/46/46	57/54/54	50/50/50	60/60/60	N/A	N/A

PERFORMANCE DATA - THREE PHASE 208/240 VOLT

FMC12 - 42	3 1/2	9.0	12.0	30700	40900	36	42	40	50
FMC15 - 42	3 1/2	11.3	15.0	38400	51200	44	50	50	50
FMC20 - 42	3 1/2	15.0	20.0	51200	68200	47	60	50	60
FMC24 - 42	3 1/2	18.0	24.0	61400	81900	55	42/36	60	50/40
FMC30 - 42	3 1/2	22.5	30.0	76800	102400	44/39	50/45	50/40	50/50
FMC12 - 48	4	9.0	12.0	30700	40900	36	42	40	50
FMC15 - 48	4	11.3	15.0	38400	51200	44	50	50	50
FMC20 - 48	4	15.0	20.0	51200	68200	47	60	50	60
FMC24 - 48	4	18.0	24.0	61400	81900	55	42/36	60	50/40
FMC30 - 48	4	22.5	30.0	76800	102400	44/39	50/45	50/40	50/50
FMC12 - 60	5	9.0	12.0	30700	40900	36	42	40	50
FMC15 - 60	5	11.3	15.0	38400	51200	44	50	50	50
FMC20 - 60	5	15.0	20.0	51200	68200	47	60	50	60
FMC24 - 60	5	18.0	24.0	61400	81900	55	42/36	60	50/40
FMC30 - 60	5	22.5	30.0	76800	102400	44/39	50/45	50/40	50/50
FMC12 - 61	5	9.0	12.0	30700	40900	36	42	40	50
FMC15 - 61	5	11.3	15.0	38400	51200	44	50	50	50
FMC20 - 61	5	15.0	20.0	51200	68200	47	60	50	60
FMC24 - 61	5	18.0	24.0	61400	81900	55	42/36	60	50/40
FMC30 - 61	5	22.5	30.0	76800	102400	44/39	50/45	50/40	50/50

BLOWER DATA									
MODEL	MOTOR SPEED	MOTOR HP	MOTOR VOLTAGE	CFM VS. EXTERNAL STATIC PRESSURE (1,2)					
				0.10	0.15	0.20	0.30	0.40	0.50
FMBXX 18/24/25	LOW	1/5	240	890	875	860	845	810	780
	HIGH	1/5	240	1020	1005	990	975	939	910
FMBXX 30/36/37	LOW	1/3	240	1116	1094	1069	1010	960	920
	HIGH	1/3	240	1233	1203	1178	1121	1054	990
FMBXX 38	MED	3/4	240	1518	1488	1458	1397	1332	1265
FMBXX 42/48/60/61/ 62/63/64	LOW	3/4	240	1507	1500	1493	1470	1452	1431
	MED	3/4	240	1823	1815	1806	1782	1753	1717
	HIGH	3/4	240	2180	2160	2141	2081	2051	1989

1) Dry coil with filter in place. 2) For 208v operation multiply by 0.90

DIMENSIONS									
Model	A	B	C	D	E	F	G	H	
FMBXX 18/24/25/30/36/37/38	20	20	43-1/4	18 X 12	18	18	14-5/8	12-5/8	
FMBXX 42/48/60/61/62/63/64	27-1/2	21-1/2	52-1/4	19-1/2 X 15-1/2	19-1/2	25-1/2	14-1/2	12-1/2	

DIMENSIONS (CONT)									
Model	J	K	L	M	N	O	P	Q	
FMBXX 18/24/25/30/36/37/38	10	8	2-3/4	2-3/8	1-1/2	1-3/4	14-3/8	16-3/8	
FMBXX 42/48/60/61/62/63/64	13-1/2	10-1/2	2-3/4	2-3/8	1-1/2	1-3/4	16-3/8	18-3/8	

DIMENSIONS (CONT)			
Model	R	S	Filter
FMBXX 18/24/25/30/36/37/38	18-1/4	18-1/2	16 X 20
FMBXX 42/48/60/61/62/63/64	19-3/4	20	18 X 25

INSTALLATION CLEARANCES		
	OPERATION	SERVICE
TOP	0"	0"
FRONT	0"	30"
SIDES	0"	0"
REAR	0"	0"

