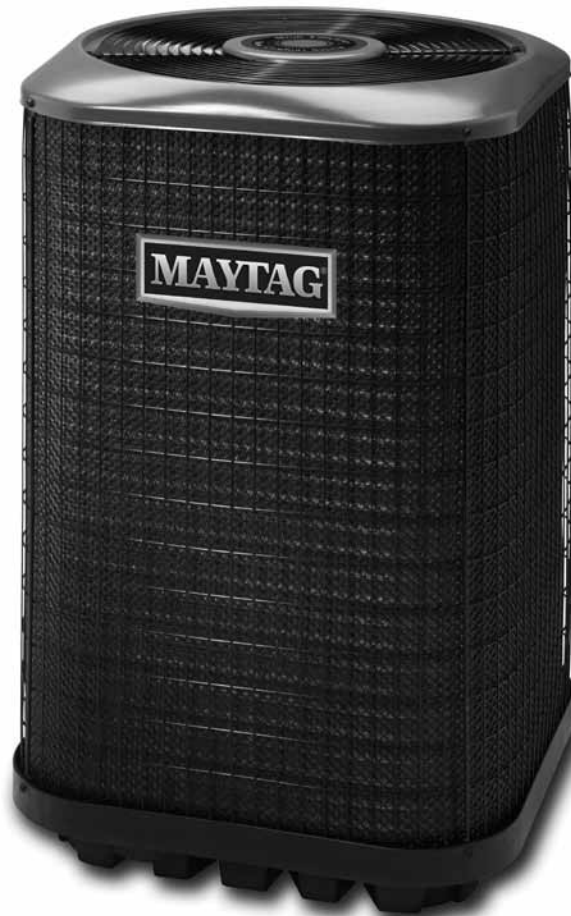


MAYTAG[®]

TECHNICAL SPECIFICATIONS

Model MSA(4,6)BF Series



M120 Product Line

**R-410A Extra High Efficiency Air Conditioner
16 SEER — 2 - 5 Ton Capacity**

Maytag now offers you the choice of an air conditioner that uses a more efficient and environmentally friendly refrigerant designated Smart Cool 410™ (R-410A). The MSA(4,6)BF Series of Maytag air conditioners offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a line of quality, 16 SEER split system cooling equipment.

Features and Benefits

- **Smart Cool 410™ Refrigerant (R-410A)** – Earth friendly non-ozone depleting refrigerant.
- **Composite Base Pan** – Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- **Removable Top Grille Assembly** – Allows ease of service from the top without disconnecting fan motor leads.
- **High Pressure Switch** – Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- **Liquid Line Filter Drier** – Included with unit, field installed.
- **One Piece Top/Orifice** – Designed for maximum airflow and quiet operation.
- **Easy Compressor and Control Access** – Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **Designed Using Galvanized Steel** - With a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- **Anteater MC Micro-Channel:** All aluminum coils in all models which provides high corrosion resistance.

MSA6BF

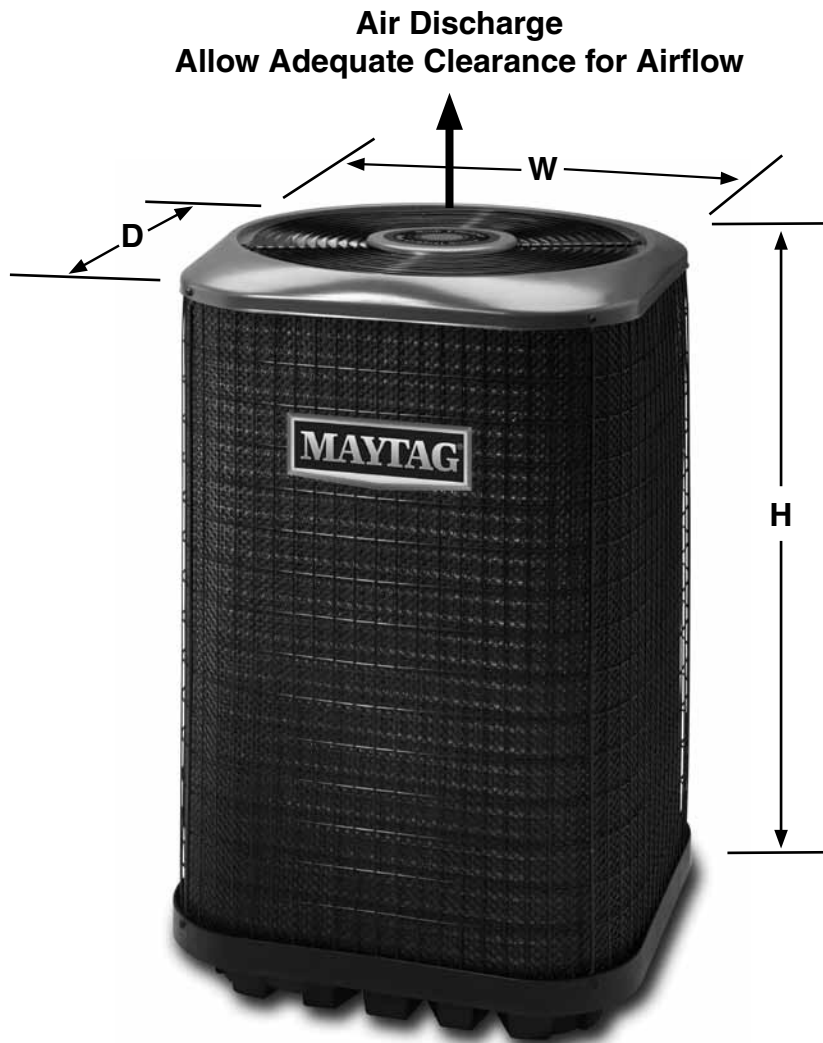
- **Copeland Scroll Compressor** – Copeland's proven and simple design equates to years of comfort and reliability for the homeowner with virtually silent operation.

MSA4BF

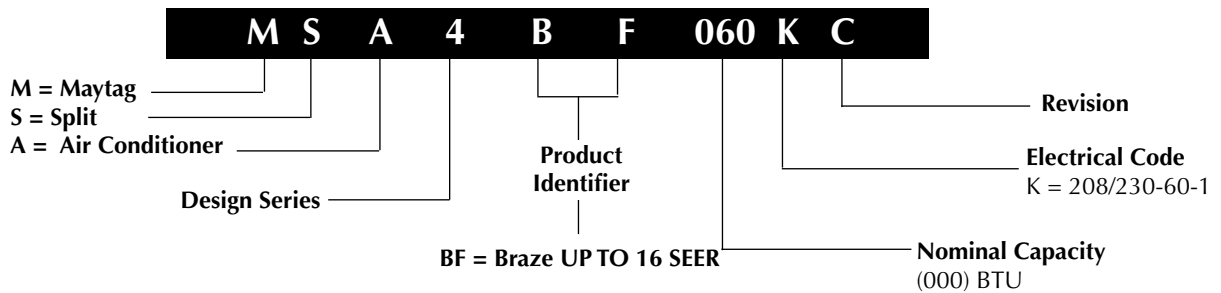
- **Copeland Scroll Ultra Tech™ Compressor** – The Ultra Tech Compressor operates with 2 stages of cooling capacity to provide superior comfort and efficiency. Copeland's proven and simple design equates to years of comfort and reliability for the homeowner with virtually silent operation.
- **Low Pressure Switch** – Loss of charge protection ensures long compressor life. Auto-reset feature prevents nuisance service visits.

DIMENSIONS/OUTDOOR SECTION

	MSA6BF024K	MSA6BF036K	MSA6BF042K	MSA6BF048K	MSA4BF060KC
H	37"	41"	45"	45"	45"
W	22 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"
D	22 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"



IDENTIFICATION CODE



PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

16 SEER — R-410A Extra High Efficiency — Single Phase

Model Number MSA4BF		024K	030K	036K	042K	048K	060KC	
Electrical Data	Volts-Cycles-Phase (1)	208/230-60-1						
	Total Amps	14.1	13.7	15.1	19.4	22.4	31.4	
	Delay Fuse Max. (2)	30	25	30	40	45	60	
	Min. Circuit Ampacity	17.5	16.9	18.6	23.9	27.4	38.6	
Component Data	Coil	Area	13.3	15.2	22.8	25.3	25.3	25.4
		Rows-FPI	1-23	1-18	1-18	1-23	1-23	1-23
		Tube Dia	MC					
	Fan Motor	Type	PSC				BLDC	
		Amps	0.7	0.9	1.0	1.5	2.6	2.6
		HP	0.10	0.13	0.20	0.25	0.33	0.33
	Compressor Data	RLA	13.4	12.8	14.1	17.9	19.8	28.8
LRA		58.3	64.0	77.0	112.0	109.0	152.9	
Refrigerant suction line O.D. NOTE: Liquid line is 3/8" O.D. for entire length.	0-24 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	
	25-39 ft.	3/4"	3/4"	7/8" (3)	7/8"	7/8"	1-1/8" (3)	
	40-75 ft.	3/4"	3/4"	7/8" (3)	7/8"	7/8"	1-1/8" (3)	
Approximate Weight (lbs.)	Net	164	179	198	208	218	186	
	Ship	171	187	207	217	227	195	

(1) Operating Voltage Range: 187v min. - 253v max.

(2) HACR Type Circuit Breakers may be used.

(3) Requires 7/8" to 3/4" reducer from line to unit.

(4) Requires 7/8" to 1-1/8" reducer from line to unit.

(5) Additional charge fro line sets above 15 feet.

Values based on suction line as follows with 3/8" liquid line.

a) 3/4" = 0.6 oz. per additional foot.

b) 7/8" = 0.7 oz. per additional foot.

c) 1 1/8" = 0.8 oz. per additional foot.

ACCESSORIES - CONDENSING UNIT

Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

Extreme wind condition mounting kit - 920900

SYSTEM COOLING CAPACITIES

16 SEER — Extra High Efficiency — Single Phase

With this Air Handler						
Outdoor Unit	Indoor Unit	High Speed Capacity (BTU/h)	SEER	EER	Low Speed SCFM	High Speed SCFM
MSA6BF024K	B6EMMX24K-A	24,000	16.0	13.0	N/A	835
MSA6BF-024K	B6EMMX24K-B	24,000	16.0	13.0	N/A	835
MSA6BF030K	B6EMMX30K-A	29,000	16.0	13.0	N/A	995
MSA6BF030K	B6EMMX30K-B	29,000	16.0	13.0	N/A	995
MSA6BF036K	B6EMMX36K-B	34,200	16.0	13.0	N/A	1035
MSA6BF042K	B6EMMX48K-C	40,000	16.00	13.00	N/A	1200
MSA6BF048K	B6EMMX48K-C	46,000	16.00	13.00	N/A	1500
MSA4BF060KC	B6EMMX60K-C	55,000	16	12.5	1120	1600

MSA6BF024K	B6VMAX24K-A	24,000	16.0	13.0	N/A	840
MSA6BF024K	B6VMAX24K-B	24,000	16.0	13.0	N/A	840
MSA6BF030K	B6VMAX30K-A	30,000	16.0	13.0	N/A	980
MSA6BF030K	B6VMAX30K-B	30,000	16.0	13.0	N/A	980
MSA6BF036K	B6VMAX36K-B	35,600	16.0	13.0	N/A	1045
MSA6BF042K	B6VMAX48K-C	41,000	16.00	13.00	N/A	1250
MSA6BF048K	B6VMAX48K-C	46,000	16.00	13.00	N/A	1400
MSA4BF060KC	B6VMAX60K-C	55,000	16	12.5	1120	1600

With this Coil						
Outdoor Unit	Indoor Unit	High Speed Capacity (BTU/h)	SEER	EER	Low Speed SCFM	High Speed SCFM
MSA6BF024K	C7B(A,H)M01824(C,U)-A + TXV	24,000	14.0	12.2	N/A	845
MSA6BF024K	C7B(A,H)M01824(C,U)-B + TXV	24,000	14.0	12.2	N/A	845
MSA6BF030K	C7B(A,H)M03036(C,U)-A + TXV	27,800	14.0	12.2	N/A	860
MSA6BF030K	C7B(A,H)M03036(C,U)-B + TXV	27,800	14.0	12.2	N/A	860
MSA6BF030K	C7B(A,H)M030(C,U)-C + TXV	27,800	14.0	12.2	N/A	860
MSA6BF036K	C7B(A,H)M03642(C,U)-B + TXV	35,000	14.0	12.2	N/A	1325
MSA6BF036K	C7B(A,H)M03648(C,U)-C + TXV	35,000	14.0	12.2	N/A	1325
MSA6BF042K	C7B(A,H)M03648(C,U)-C+ TXV	40,000	14.00	12.20	N/A	1200
MSA6BF048K	C7B(A,H)M048(C,U)-C+ TXV	46,000	14.50	12.00	N/A	1500
MSA4BF060KC	C6B(A,H)-X60(C,U)-C+MB7VM(*)C	55,000	16	12.5	1600	1120

Air handlers and coils used in tables are designed and manufactured by NORDYNE.

See current AHRI Directory for certified combinations and ratings.

www.ahridirectory.org

COPPER WIRE SIZE — AWG (1% Voltage Drop)				
Supply Wire Length-Feet				Supply Circuit Ampacity
200	150	100	50	
6	8	10	14	15
4	6	8	12	20
4	6	8	10	25
4	4	6	10	30
3	4	6	8	35
3	4	6	8	40
2	3	4	6	45
2	3	4	6	50

Wire Size based on N.E.C. for 60° type copper conductors.

EXPANDED COOLING PERFORMANCE - LOOSE COIL

MSA6BF024K C7B(A,H)M01824(C,U)-B + TXV

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
700	80	62	23.9	18.7	1.42	23.0	18.6	1.59	22.1	18.7	1.76	21.1	18.4	1.96	20.00	19.40	2.18	18.87	18.31	2.43
	80	67	26.1	15.0	1.43	25.1	14.9	1.60	24.0	15.1	1.77	22.9	14.8	1.97	21.71	14.57	2.19	20.42	13.64	2.44
	80	72	28.7	11.7	1.43	27.6	11.6	1.61	26.4	11.9	1.79	25.2	11.6	1.99	23.85	11.46	2.21	22.35	11.74	2.48
	75	62	23.7	15.2	1.42	22.8	15.1	1.59	21.9	15.2	1.76	20.9	14.9	1.96	19.75	13.74	2.18	18.57	14.74	2.43
800	80	62	24.5	20.2	1.46	23.6	20.6	1.63	22.6	20.1	1.80	21.6	20.0	2.00	20.62	19.82	2.22	19.65	19.49	2.47
	80	67	26.7	15.9	1.46	25.6	16.4	1.64	24.5	16.0	1.81	23.3	15.8	2.01	22.10	15.85	2.23	20.75	15.83	2.49
	80	72	29.3	12.3	1.47	28.2	12.8	1.65	26.9	12.5	1.83	25.6	12.4	2.03	24.20	12.46	2.26	22.62	12.53	2.52
	75	62	24.2	16.1	1.46	23.3	16.5	1.62	22.3	16.1	1.80	21.2	15.9	2.00	20.10	15.86	2.22	18.95	16.29	2.47
900	80	62	25.0	21.8	1.50	24.1	21.9	1.66	23.2	21.4	1.84	22.3	21.2	2.04	21.33	20.61	2.26	20.21	20.13	2.51
	80	67	27.1	17.1	1.50	26.1	17.3	1.67	24.9	16.9	1.85	23.7	16.8	2.05	22.39	16.71	2.27	21.00	16.78	2.53
	80	72	29.8	13.1	1.51	28.6	13.4	1.69	27.3	13.0	1.88	25.9	13.1	2.07	24.37	13.04	2.30	22.81	13.17	2.56
	75	62	24.7	17.3	1.50	23.7	17.4	1.66	22.7	17.0	1.84	21.6	16.9	2.04	20.43	17.31	2.26	19.20	17.34	2.50

MSA6BF030K C7B(A,H)M03036(C,U)-B + TXV

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
875	80	62	29.5	22.0	1.67	28.3	21.8	1.84	27.4	23.3	2.03	26.1	23.0	2.25	24.78	24.27	2.50	23.30	22.82	2.79
	80	67	32.0	18.2	1.67	30.7	18.1	1.84	29.4	18.2	2.04	28.0	17.9	2.26	26.51	17.58	2.51	24.88	16.63	2.80
	80	72	35.0	14.1	1.67	33.6	14.1	1.84	32.2	14.4	2.04	30.6	14.1	2.26	29.01	13.87	2.52	27.19	14.23	2.82
	75	62	29.3	18.5	1.67	28.2	18.3	1.84	27.0	18.4	2.03	25.7	18.0	2.25	24.32	16.57	2.50	22.78	17.77	2.79
1000	80	62	30.5	25.2	1.72	29.3	25.7	1.89	28.0	25.2	2.08	26.8	25.0	2.30	25.69	24.74	2.55	24.41	24.21	2.85
	80	67	32.7	19.3	1.72	31.4	19.8	1.89	30.0	19.3	2.08	28.6	19.1	2.30	27.00	19.05	2.56	25.30	18.99	2.85
	80	72	35.7	14.8	1.72	34.2	15.5	1.89	32.7	15.0	2.09	31.0	14.9	2.31	29.25	15.08	2.57	27.27	15.15	2.86
	75	62	30.0	19.6	1.72	28.8	20.0	1.89	27.5	19.5	2.08	26.2	19.2	2.30	24.75	19.13	2.55	23.14	18.98	2.84
1125	80	62	31.1	27.3	1.76	29.9	27.5	1.94	28.9	26.8	2.13	27.9	26.5	2.35	26.53	25.64	2.60	25.04	24.94	2.90
	80	67	33.3	20.6	1.76	31.9	20.8	1.94	30.4	20.3	2.13	28.9	20.2	2.35	27.31	20.00	2.61	25.57	20.04	2.90
	80	72	36.2	15.9	1.76	34.6	16.2	1.93	32.9	15.8	2.13	31.1	15.8	2.35	29.42	15.68	2.61	27.57	15.81	2.91
	75	62	30.6	20.9	1.76	29.3	21.0	1.93	27.9	20.5	2.13	26.5	20.3	2.34	25.07	20.10	2.60	23.57	21.38	2.89

MSA6BF036K C7B(A,H)M03642(C,U)-B + TXV

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1050	80	62	35.8	28.0	2.01	34.5	27.8	2.23	33.0	27.9	2.46	31.5	27.4	2.73	29.79	28.60	3.04	28.05	26.93	3.37
	80	67	39.1	23.2	2.02	37.5	23.0	2.24	35.9	23.2	2.48	34.1	22.8	2.76	32.35	22.40	3.05	30.45	20.88	3.39
	80	72	43.0	18.0	2.05	41.3	17.9	2.27	39.4	18.3	2.52	37.4	17.9	2.78	35.19	17.65	3.07	33.06	18.04	3.41
	75	62	35.6	23.5	2.01	34.3	23.3	2.23	32.8	23.4	2.46	31.2	22.9	2.72	29.50	21.14	3.04	27.75	22.64	3.37
1200	80	62	36.7	30.0	2.07	35.2	30.5	2.29	33.7	29.8	2.52	32.1	29.3	2.79	30.40	29.00	3.10	28.72	28.48	3.43
	80	67	39.9	24.6	2.08	38.3	25.3	2.31	36.6	24.7	2.55	34.7	24.3	2.82	32.87	24.34	3.11	30.90	24.31	3.45
	80	72	43.7	19.0	2.11	41.7	19.8	2.33	39.6	19.2	2.58	37.7	19.0	2.84	35.67	19.07	3.14	33.53	19.14	3.47
	75	62	36.3	24.9	2.07	34.9	25.5	2.29	33.4	24.8	2.52	31.7	24.5	2.79	29.95	24.26	3.09	28.16	24.14	3.43
1350	80	62	37.3	32.1	2.12	35.8	32.2	2.35	34.3	31.3	2.58	32.7	30.8	2.86	31.09	30.04	3.16	29.49	29.37	3.50
	80	67	40.5	26.4	2.14	38.9	26.7	2.36	37.0	26.0	2.61	35.2	25.9	2.88	33.26	25.67	3.17	31.27	25.75	3.51
	80	72	44.0	20.3	2.16	42.1	20.6	2.39	40.2	20.0	2.64	38.2	20.0	2.90	36.07	19.84	3.20	33.85	20.03	3.53
	75	62	36.9	26.6	2.12	35.4	26.8	2.34	33.9	26.0	2.58	32.1	25.8	2.85	30.33	25.54	3.15	28.47	25.50	3.49

EXPANDED COOLING PERFORMANCE - LOOSE COIL (Continued)

MSA6BF042K C7B(A,H)M03648(C,U)-C+TXV

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1225	80	62	41.8	32.5	2.45	40.4	32.3	2.67	38.8	32.5	2.92	37.0	31.9	3.23	35.09	33.34	3.58	33.12	31.47	3.97
	80	67	45.9	26.9	2.45	44.2	26.8	2.67	42.4	27.1	2.94	40.4	26.6	3.25	38.31	26.19	3.59	36.12	24.36	3.98
	80	72	50.5	20.9	2.46	48.6	20.8	2.69	46.5	21.3	2.97	44.3	20.8	3.27	42.01	20.56	3.61	39.54	21.12	3.99
	75	62	41.7	27.2	2.45	40.2	27.0	2.66	38.6	27.3	2.92	36.8	26.7	3.22	34.87	24.79	3.58	32.87	26.54	3.97
1400	80	62	42.9	34.7	2.51	41.4	35.4	2.73	39.6	34.6	2.99	37.8	34.2	3.30	35.84	33.89	3.64	33.90	33.38	4.03
	80	67	46.9	28.6	2.52	45.2	29.5	2.74	43.2	28.7	3.01	41.1	28.4	3.32	38.94	28.48	3.66	36.66	28.51	4.05
	80	72	51.5	22.0	2.53	49.4	23.0	2.76	47.2	22.3	3.03	44.9	22.2	3.34	42.45	22.33	3.68	39.98	22.49	4.06
	75	62	42.6	28.9	2.51	41.1	29.6	2.73	39.4	28.9	2.99	37.4	28.6	3.30	35.44	28.52	3.64	33.37	28.30	4.03
1575	80	62	43.7	37.2	2.58	42.1	37.4	2.80	40.4	36.5	3.06	38.5	36.0	3.37	36.53	35.30	3.71	34.76	34.61	4.10
	80	67	47.6	30.6	2.58	45.8	31.0	2.81	43.8	30.3	3.08	41.7	30.2	3.38	39.41	30.04	3.73	37.09	30.22	4.12
	80	72	52.1	23.5	2.59	49.9	24.0	2.83	47.7	23.3	3.10	45.4	23.4	3.40	42.92	23.27	3.75	40.39	23.59	4.13
	75	62	43.3	30.9	2.58	41.7	31.2	2.80	39.9	30.5	3.06	37.9	30.2	3.37	35.92	29.89	3.71	33.75	29.91	4.10

MSA6BF048K C7B(A,H)M048(C,U)-C+TXV

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1400	80	62	48.4	37.3	2.62	46.7	37.0	2.88	44.7	37.2	3.20	42.6	36.5	3.54	40.39	38.26	3.94	38.06	36.05	4.38
	80	67	52.9	30.9	2.64	50.8	30.7	2.91	48.7	31.0	3.21	46.5	30.4	3.56	44.03	29.96	3.95	41.58	27.82	4.39
	80	72	58.1	24.0	2.67	55.9	23.9	2.93	53.5	24.4	3.23	51.0	24.0	3.58	48.17	23.65	3.96	45.31	24.29	4.40
	75	62	48.2	31.3	2.62	46.5	31.0	2.88	44.4	31.2	3.20	42.3	30.6	3.54	40.12	28.32	3.94	37.80	30.33	4.37
1600	80	62	49.5	39.8	2.69	47.7	40.6	2.96	45.5	39.6	3.27	43.4	39.1	3.62	41.16	38.83	4.01	38.91	38.32	4.45
	80	67	54.0	32.8	2.72	51.8	33.7	2.99	49.6	32.9	3.29	47.3	32.5	3.64	44.77	32.55	4.03	42.19	32.57	4.47
	80	72	59.1	25.3	2.75	56.8	26.5	3.01	54.2	25.7	3.31	51.4	25.5	3.65	48.72	25.63	4.04	45.91	25.79	4.47
	75	62	49.2	33.2	2.69	47.4	34.0	2.96	45.3	33.1	3.27	43.1	32.7	3.62	40.81	32.59	4.01	38.39	32.48	4.45
1800	80	62	50.4	42.6	2.78	48.5	42.8	3.04	46.3	41.8	3.35	44.2	41.3	3.70	41.93	40.52	4.09	39.87	39.70	4.53
	80	67	54.9	35.1	2.80	52.7	35.5	3.07	50.4	34.6	3.37	47.9	34.5	3.71	45.38	34.30	4.10	42.71	34.49	4.54
	80	72	59.6	27.0	2.82	57.3	27.6	3.08	54.8	26.8	3.38	52.1	26.8	3.73	49.33	26.68	4.12	46.44	27.02	4.55
	75	62	50.1	35.5	2.77	48.2	35.8	3.04	46.0	34.9	3.35	43.7	34.7	3.70	41.31	34.13	4.09	38.82	34.16	4.53

EXPANDED COOLING PERFORMANCE - AIR HANDLER

MSA6BF024K B6EMMX24K-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
700	80	62	24.4	19.1	1.27	23.6	19.0	1.43	22.6	19.2	1.61	21.6	18.9	1.80	20.52	19.91	2.03	19.40	18.82	2.28
	80	67	26.6	15.3	1.27	25.6	15.2	1.44	24.5	15.4	1.62	23.4	15.1	1.82	22.23	14.92	2.04	20.94	14.02	2.29
	80	72	29.2	11.9	1.28	28.1	11.8	1.45	27.0	12.1	1.64	25.7	11.9	1.84	24.37	11.71	2.06	22.87	12.01	2.33
	75	62	24.2	15.5	1.27	23.3	15.4	1.43	22.4	15.5	1.61	21.4	15.2	1.80	20.28	14.13	2.02	19.09	15.16	2.27
800	80	62	25.1	20.6	1.28	24.2	21.1	1.45	23.2	20.7	1.63	22.2	20.5	1.82	21.21	20.40	2.05	20.25	20.08	2.30
	80	67	27.3	16.3	1.29	26.2	16.8	1.46	25.1	16.4	1.64	23.9	16.2	1.84	22.70	16.27	2.06	21.35	16.29	2.31
	80	72	29.9	12.5	1.30	28.8	13.1	1.47	27.5	12.7	1.66	26.2	12.7	1.86	24.80	12.77	2.08	23.22	12.86	2.35
	75	62	24.8	16.5	1.28	23.9	16.9	1.45	22.9	16.5	1.63	21.8	16.4	1.82	20.70	16.33	2.04	19.55	16.81	2.29
900	80	62	25.7	22.4	1.30	24.8	22.6	1.47	23.8	22.1	1.65	23.0	21.8	1.84	22.00	21.26	2.07	20.89	20.80	2.32
	80	67	27.8	17.5	1.30	26.7	17.7	1.48	25.6	17.3	1.66	24.3	17.3	1.85	23.06	17.21	2.07	21.67	17.31	2.33
	80	72	30.5	13.4	1.31	29.2	13.7	1.49	27.9	13.4	1.68	26.6	13.4	1.87	25.04	13.40	2.10	23.48	13.56	2.37
	75	62	25.4	17.7	1.30	24.4	17.9	1.47	23.4	17.5	1.64	22.2	17.4	1.84	21.10	17.88	2.06	19.87	17.95	2.31

MSA6BF030K B6EMMX30K-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
875	80	62	29.5	23.3	1.68	28.4	23.2	1.86	27.4	23.3	2.05	26.2	23.0	2.27	24.95	24.21	2.52	23.60	22.90	2.80
	80	67	32.1	18.7	1.69	30.9	18.6	1.86	29.7	18.8	2.05	28.4	18.5	2.27	27.06	18.27	2.52	25.54	17.12	2.82
	80	72	35.5	14.5	1.68	34.1	14.5	1.86	32.8	14.9	2.05	31.4	14.6	2.27	29.82	14.45	2.53	27.93	14.81	2.86
	75	62	29.2	18.9	1.68	28.1	18.8	1.86	27.1	18.9	2.05	25.9	18.6	2.26	24.61	17.25	2.52	23.20	18.47	2.80
1000	80	62	30.2	25.1	1.73	29.1	25.6	1.90	28.0	25.1	2.09	26.8	24.9	2.31	25.74	24.78	2.57	24.56	24.35	2.86
	80	67	32.8	19.9	1.73	31.6	20.5	1.90	30.3	20.0	2.10	29.0	19.8	2.32	27.56	19.85	2.57	25.97	19.85	2.87
	80	72	36.2	15.3	1.73	34.8	16.1	1.90	33.3	15.6	2.10	31.8	15.6	2.32	29.96	15.73	2.58	28.02	15.75	2.91
	75	62	29.9	20.1	1.73	28.8	20.6	1.90	27.6	20.1	2.09	26.4	19.9	2.31	25.06	19.85	2.56	23.60	19.78	2.85
1125	80	62	30.9	27.1	1.77	29.8	27.3	1.95	28.8	26.7	2.14	27.8	26.4	2.36	26.60	25.70	2.61	25.27	25.16	2.91
	80	67	33.4	21.3	1.78	32.1	21.6	1.95	30.8	21.1	2.14	29.4	21.0	2.36	27.94	20.92	2.62	26.28	21.01	2.92
	80	72	36.6	16.4	1.77	35.0	16.8	1.95	33.5	16.4	2.15	32.0	16.4	2.37	30.33	16.35	2.63	28.38	16.48	2.96
	75	62	30.4	21.5	1.78	29.3	21.7	1.95	28.1	21.2	2.14	26.8	21.1	2.36	25.44	20.93	2.61	23.99	21.61	2.90

MSA6BF036K B6EMMX36K-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1050	80	62	35.6	28.2	1.79	34.3	28.0	2.01	32.8	28.2	2.25	31.3	27.6	2.51	29.73	28.82	2.81	28.00	27.15	3.15
	80	67	38.9	23.3	1.80	37.3	23.2	2.03	35.7	23.4	2.27	34.0	23.0	2.53	32.20	22.62	2.83	30.28	21.18	3.17
	80	72	42.7	18.0	1.83	41.0	17.9	2.05	39.2	18.3	2.29	37.2	18.0	2.56	35.05	17.72	2.85	32.92	18.12	3.20
	75	62	35.4	23.6	1.79	34.0	23.4	2.01	32.6	23.6	2.25	31.0	23.1	2.51	29.35	21.30	2.81	27.60	22.82	3.15
1200	80	62	36.5	30.3	1.82	35.1	30.8	2.04	33.7	30.1	2.28	32.1	29.6	2.54	30.48	29.24	2.84	28.85	28.61	3.19
	80	67	39.7	24.8	1.83	38.2	25.5	2.06	36.5	24.9	2.30	34.7	24.7	2.56	32.79	24.67	2.86	30.80	24.66	3.20
	80	72	43.4	19.0	1.86	41.5	19.9	2.08	39.6	19.3	2.32	37.7	19.1	2.59	35.63	19.22	2.88	33.47	19.30	3.22
	75	62	36.2	25.2	1.82	34.8	25.7	2.04	33.2	25.0	2.28	31.6	24.7	2.54	29.90	24.62	2.84	28.10	24.51	3.18
1350	80	62	37.3	32.4	1.85	35.9	32.5	2.07	34.4	31.6	2.31	32.8	31.1	2.57	31.31	30.25	2.87	29.68	29.56	3.22
	80	67	40.4	26.7	1.86	38.7	27.0	2.09	37.0	26.4	2.33	35.2	26.3	2.59	33.26	25.99	2.89	31.22	26.10	3.23
	80	72	43.9	20.4	1.89	42.1	20.8	2.11	40.2	20.2	2.35	38.2	20.2	2.62	36.11	20.07	2.91	33.88	20.29	3.25
	75	62	36.8	26.9	1.84	35.4	27.1	2.07	33.8	26.4	2.30	32.1	26.3	2.57	30.36	26.01	2.87	28.52	25.98	3.21

EXPANDED COOLING PERFORMANCE - AIR HANDLER (Continued)

MSA6BF042K B6EMMX48K-C

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1225	80	62	42.3	33.0	2.24	40.9	32.8	2.46	39.3	33.1	2.71	37.6	32.5	3.02	35.66	33.99	3.38	33.67	32.08	3.76
	80	67	46.3	27.4	2.24	44.6	27.2	2.47	42.8	27.6	2.73	40.8	27.0	3.04	38.77	26.66	3.39	36.61	24.88	3.78
	80	72	51.0	21.3	2.25	49.1	21.2	2.48	47.0	21.7	2.76	44.7	21.3	3.06	42.28	21.01	3.41	39.68	21.54	3.79
	75	62	42.1	27.7	2.24	40.7	27.5	2.46	39.1	27.8	2.71	37.3	27.3	3.02	35.37	25.28	3.37	33.37	27.05	3.76
1400	80	62	43.4	35.4	2.27	41.9	36.1	2.49	40.3	35.4	2.75	38.4	34.9	3.06	36.48	34.60	3.41	34.49	34.19	3.80
	80	67	47.4	29.2	2.28	45.7	30.0	2.50	43.8	29.3	2.77	41.6	29.0	3.08	39.52	29.06	3.42	37.27	29.09	3.81
	80	72	52.0	22.4	2.29	49.8	23.5	2.52	47.5	22.8	2.80	45.2	22.6	3.10	42.88	22.78	3.44	40.40	22.91	3.83
	75	62	43.1	29.5	2.27	41.6	30.3	2.50	39.9	29.6	2.75	38.1	29.2	3.06	36.03	29.14	3.41	34.00	28.90	3.80
1575	80	62	44.4	38.0	2.31	42.8	38.2	2.53	41.1	37.3	2.79	39.2	36.8	3.11	37.34	36.08	3.45	35.53	35.38	3.84
	80	67	48.2	31.3	2.32	46.5	31.7	2.54	44.4	31.0	2.82	42.3	30.9	3.12	40.12	30.73	3.46	37.80	30.91	3.85
	80	72	52.4	24.1	2.32	50.4	24.6	2.56	48.2	23.8	2.83	45.9	23.9	3.14	43.49	23.76	3.48	40.96	24.05	3.87
	75	62	43.9	31.7	2.31	42.4	32.0	2.53	40.6	31.3	2.79	38.6	30.9	3.10	36.58	30.59	3.45	34.49	30.64	3.83

MSA6BF048K B6EMMX48K-C

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1400	80	62	48.7	37.9	2.48	46.9	37.6	2.75	44.9	37.8	3.07	42.9	37.1	3.43	40.68	38.77	3.83	38.43	36.63	4.26
	80	67	53.1	31.4	2.50	51.0	31.1	2.79	48.9	31.5	3.09	46.6	30.9	3.45	44.23	30.42	3.84	41.77	28.38	4.29
	80	72	58.4	24.4	2.54	56.2	24.3	2.81	53.7	24.8	3.12	50.9	24.4	3.47	47.95	24.01	3.86	45.25	24.58	4.30
	75	62	48.4	31.8	2.48	46.7	31.5	2.75	44.6	31.7	3.07	42.6	31.1	3.42	40.37	28.83	3.82	38.08	30.84	4.26
1600	80	62	49.9	40.6	2.53	48.1	41.4	2.80	46.0	40.4	3.12	43.9	39.9	3.48	41.64	39.51	3.88	39.35	39.02	4.31
	80	67	54.4	33.4	2.55	52.2	34.3	2.83	49.9	33.5	3.14	47.5	33.1	3.50	45.08	33.13	3.89	42.50	33.14	4.33
	80	72	59.3	25.8	2.59	56.6	26.9	2.85	54.1	26.1	3.17	51.5	25.8	3.51	48.85	25.98	3.91	46.05	26.11	4.35
	75	62	49.5	33.8	2.53	47.7	34.6	2.80	45.6	33.7	3.12	43.4	33.3	3.47	41.16	33.23	3.87	38.76	32.92	4.31
1800	80	62	51.0	43.6	2.58	49.0	43.8	2.86	46.9	42.6	3.17	44.8	42.1	3.53	42.61	41.17	3.92	40.52	40.34	4.37
	80	67	55.3	35.9	2.61	53.1	36.2	2.88	50.7	35.4	3.19	48.3	35.2	3.54	45.76	35.01	3.94	43.15	35.18	4.38
	80	72	60.0	27.5	2.64	57.6	28.1	2.90	55.0	27.2	3.21	52.3	27.2	3.56	49.53	27.06	3.96	46.63	27.36	4.39
	75	62	50.5	36.3	2.57	48.5	36.6	2.86	46.4	35.7	3.17	44.1	35.2	3.52	41.76	34.86	3.92	39.30	34.89	4.36

EXPANDED COOLING PERFORMANCE - AIR HANDLER (Continued)

MSA4BF060KC B6VMAX60K-C High Speed

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1450	80	62	56.8	43.7	3.24	54.6	43.4	3.54	52.4	43.6	3.90	50.0	42.9	4.33	47.56	45.15	4.81	44.96	42.68	5.36
	80	67	61.9	35.7	3.26	59.5	35.4	3.56	57.0	35.9	3.93	54.3	35.2	4.35	51.57	34.80	4.85	48.58	32.72	5.40
	80	72	67.7	27.6	3.27	65.0	27.5	3.58	62.4	28.1	3.95	59.5	27.6	4.39	56.52	27.23	4.88	53.36	28.01	5.45
	75	62	56.6	36.3	3.23	54.3	36.0	3.54	52.0	36.3	3.90	49.6	35.6	4.32	47.19	33.33	4.81	44.51	35.70	5.36
1600	80	62	58.0	46.2	3.28	55.7	47.1	3.59	53.4	46.1	3.95	51.0	45.6	4.37	48.46	45.55	4.86	45.85	45.35	5.41
	80	67	62.9	37.5	3.30	60.4	38.6	3.61	57.8	37.7	3.97	55.0	37.4	4.40	52.21	37.50	4.89	49.32	37.85	5.45
	80	72	68.9	28.8	3.31	66.2	30.1	3.63	63.4	29.3	4.00	60.4	29.1	4.43	57.33	29.33	4.93	54.06	29.61	5.50
	75	62	57.5	38.2	3.28	55.3	39.1	3.59	52.9	38.1	3.95	50.5	38.0	4.37	47.92	37.94	4.86	45.18	37.87	5.40
1750	80	62	59.0	49.2	3.33	56.7	49.5	3.63	54.3	48.5	4.00	51.8	48.2	4.42	49.41	47.62	4.91	47.04	46.84	5.47
	80	67	63.8	39.9	3.34	61.2	40.5	3.66	58.5	39.5	4.02	55.8	39.4	4.45	52.94	39.53	4.94	49.86	39.80	5.50
	80	72	69.8	30.6	3.36	67.0	31.3	3.67	64.1	30.4	4.04	61.1	30.5	4.48	57.91	30.46	4.98	54.56	30.97	5.55
	75	62	58.5	40.5	3.32	56.1	41.1	3.63	53.7	40.2	3.99	51.2	40.0	4.41	48.55	39.68	4.90	45.73	39.80	5.45

MSA4BF060KC B6VMAX60K-C Low Speed

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
970	80	62	39.3	29.1	1.98	37.9	29.3	2.28	36.2	29.5	2.62	34.4	28.9	3.00	32.38	30.53	3.45	30.29	28.55	3.93
	80	67	43.1	24.1	1.95	41.3	23.9	2.26	39.5	24.2	2.60	37.4	23.7	3.00	35.27	23.27	3.43	32.94	21.62	3.91
	80	72	47.3	18.9	1.92	45.4	18.8	2.23	43.2	19.1	2.59	41.1	18.7	2.97	38.82	18.35	3.40	36.33	18.77	3.89
	75	62	39.2	24.5	1.98	37.6	24.3	2.29	36.0	24.4	2.62	34.2	23.9	3.00	32.07	21.82	3.45	29.94	23.48	3.93
1120	80	62	41.6	33.2	1.98	39.9	33.8	2.29	38.1	33.1	2.63	36.1	32.7	3.02	34.06	32.50	3.46	32.09	31.82	3.94
	80	67	45.2	26.9	1.95	43.3	27.7	2.26	41.2	27.0	2.61	39.0	26.6	3.01	36.79	26.62	3.44	34.38	26.76	3.92
	80	72	49.6	20.7	1.92	47.5	21.6	2.24	45.2	20.9	2.60	42.9	20.7	2.98	40.39	20.79	3.41	37.71	20.87	3.90
	75	62	41.3	27.4	1.98	39.6	28.0	2.29	37.8	27.5	2.63	35.9	27.1	3.02	33.62	26.92	3.46	31.33	26.74	3.94
1270	80	62	42.8	36.3	1.99	41.0	36.4	2.30	39.1	35.6	2.64	37.2	35.2	3.04	35.35	34.15	3.47	33.33	33.19	3.95
	80	67	46.3	29.3	1.96	44.3	29.6	2.28	42.2	28.9	2.63	40.0	29.0	3.02	37.58	28.73	3.45	35.03	28.80	3.94
	80	72	50.7	22.4	1.93	48.4	22.8	2.25	46.1	22.1	2.61	43.7	22.1	3.00	41.07	22.00	3.43	38.25	22.24	3.92
	75	62	42.4	29.9	1.99	40.6	30.2	2.30	38.7	29.4	2.65	36.5	29.2	3.04	34.35	28.84	3.48	31.99	28.78	3.96



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Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring obligations.

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