MAYTAG®

TECHNICAL SPECIFICATIONS

Model MSA4BD-KB Series

M120 Product Line

High Efficiency Air Conditioner
13 SEER — 1.5 - 5 Ton Capacity

The MSA4BD-KB Series of air conditioners offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling equipment.

Features and Benefits

- **Designed using galvanized steel** – with a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- **Permanently Lubricated Motor** – A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **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.
- **Composite Base Pan** – Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- **Micro-Channel Coils** – All aluminum coils in all models which provides high corrosion resistance.

DIMENSIONS/OUTDOOR SECTION

13 SEER — High Efficiency — Single Phase

MSA4BD	018KB	024KB	030KB	036KB	042KB	048KB	060KB
H	25	25	29	29	29-1/2	29-1/2	33-1/2
W	22-3/4	22-3/4	22-3/4	22-3/4	30-3/4	30-3/4	30-3/4
D	22-3/4	22-3/4	22-3/4	22-3/4	30-3/4	30-3/4	30-3/4

Air Discharge
Allow Adequate Clearance for Airflow

IDENTIFICATION CODE

EX: MSA4BD036KB

M S A 4 B D 036 K B

- **M** = Maytag
- **S** = Split
- **A** = Air Conditioner
- Design Series
- **Product Identifier**
- **BD** = Braze 13 SEER
- **Nominal Capacity** (000) BTU
- **Electrical Code**
- **K** = 208/230-60-1
- **Revision**

PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

13 SEER — High Efficiency — Single Phase

Model Number MSA4BD			018KB	024KB	030KB	036KB	042KB	048KB	060KB
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	Total Amps		9.3	13.5	14.8	18.0	19.4	23.2	27.8
	Delay Fuse Max. (2)		20	25	30	35	40	50	60
	Min. Circuit Ampacity		11.6	16.7	18.3	22.2	23.9	28.7	34.4
Component Data	Coil	Area	8.3	8.3	10.0	10.0	15.3	15.3	17.9
		Rows-FPI	1-18	1-18	1-18	1-18	1-18	1-18	1-18
		Tube Dia	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel
	Fan Motor	Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
		Amps	0.35	0.7	0.7	1.4	1.5	1.5	1.5
		HP	0.05	0.1	0.1	0.25	0.25	0.25	0.25
	Fan Blade	Dia - # Blades	18″ - 3	18″ - 3	18″ - 3	18″ - 4	24″ - 2	24″ - 2	24″ - 2
		SCFM	2600	2800	3000	3000	3500	3500	3800
	Compressor Data	RLA	9.0	12.8	14.1	16.6	17.9	21.8	26.4
		LRA	48.0	58.3	73.0	79.0	112.0	117.0	134.0
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″	3/4″	7/8″	7/8″	7/8″
		25-39 ft.	3/4″	3/4″	3/4″	7/8″ (3)	7/8″	7/8″	1-1/8″ (4)
		40-75 ft.	3/4″	3/4″	3/4″	7/8″ (3)	7/8″	7/8″	1-1/8″ (4)
Approximate Weight (lbs.)		Net	109	125	138	140	179	179	188
		Ship	114	130	144	146	187	187	197
Sound Rating db			74	74	74	76	79	79	79

(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 for 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 13 SEER-HIGH EFFICIENCY-SINGLE PHASE

Outdoor Unit	Indoor Unit	A Cap	SEER	EER	CFM
MSA4BD018KB	C7B(A,H)M01824(C,U)-A	17,600	13.00	10.50	605
MSA4BD018KB	C7B(A,H)M01824(C,U)-B	17,600	13.00	10.50	535
MSA4BD024KB	C7B(A,H)M01824(C,U)-A	23,400	13.00	10.50	700
MSA4BD024KB	C7B(A,H)M01824(C,U)-B	23,400	13.00	10.50	700
MSA4BD030KB	C7B(A,H)M03036(C,U)-A	28,600	13.00	10.50	960
MSA4BD030KB	C7B(A,H)M03036(C,U)-B	28,600	13.00	10.50	960
MSA4BD030KB	C7B(A,H)M030(C,U)-C	28,600	13.00	10.50	960
MSA4BD036KB	C7B(A,H)M03036(C,U)-A	35,000	13.00	10.50	1055
MSA4BD036KB	C7B(A,H)M03036(C,U)-B	35,000	13.00	10.50	1055
MSA4BD036KB	C7B(A,H)M03642(C,U)-B	35,000	13.00	10.50	1055
MSA4BD036KB	C7B(A,H)M03648(C,U)-C	35,000	13.00	10.50	1055
MSA4BD042KB	C7B(A,H)M03642(C,U)-B	40,000	13.00	10.50	1290
MSA4BD042KB	C7B(A,H)M03648(C,U)-C	40,000	13.00	10.50	1290
MSA4BD042KB	C7B(A,H)M042(C,U)-D	40,000	13.00	10.50	1290
MSA4BD048KB	C7B(A,H)M03648(C,U)-C	46,000	13.00	10.50	1415
MSA4BD048KB	C7B(A,H)M048(C,U)-C	45,500	13.00	10.50	1305
MSA4BD048KB	C7B(A,H)M048(C,U)-D	45,500	13.00	10.50	1305
MSA4BD060KB	C7B(A,H)M060(C,U)-C	55,000	13.00	10.50	1445
MSA4BD060KB	C7B(A,H)M060(C,U)-D	55,000	13.00	10.50	1445

See current AHRI Directory for certified combinations and ratings. All ratings are with time delay relay.
www.ahridirectory.org

Outdoor Unit	Indoor Unit	A Cap	SEER	A EER	CFM
MSA4BD018KB	B6BMM024K-A	17,400	13.00	10.50	555
MSA4BD018KB	B6BMM024K-B	17,500	13.00	10.50	550
MSA4BD024KB	B6BMM024K-A	23,000	13.00	10.50	700
MSA4BD024KB	B6BMM024K-B	23,000	13.00	10.50	720
MSA4BD030KB	B6BMM030K-A	28,400	13.00	10.50	920
MSA4BD030KB	B6BMM030K-B	28,400	13.00	10.50	890
MSA4BD036KB	B6BMM036K-B	35,000	13.00	10.50	1160
MSA4BD042KB	B6BMM042K-B	40,000	13.00	10.50	1370
MSA4BD048KB	B6BMM048K-B	46,500	13.00	10.50	1355
MSA4BD048KB	B6BMM048K-C	47,500	13.00	10.50	1630
MSA4BD060KB	B6BMM060K-C	57,500	13.00	10.50	1950

13 SEER COOLING EXPANDED RATINGS

MSA4BD018KB C7B(A,H)M01824(C,U)-A

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.
525	80	62	18.4	14.6	1.10	17.6	14.4	1.23	16.8	14.5	1.37	15.9	14.2	1.52	14.92	14.67	1.69	14.03	13.79	1.88
	80	67	20.3	11.8	1.12	19.4	11.7	1.26	18.5	11.8	1.39	17.5	11.5	1.55	16.40	11.27	1.72	15.24	10.44	1.91
	80	72	22.5	9.2	1.16	21.6	9.1	1.29	20.5	9.3	1.44	19.5	9.1	1.59	18.30	8.90	1.76	17.05	9.08	1.96
	75	63	18.6	11.4	1.10	17.8	11.3	1.23	17.0	11.3	1.37	16.0	11.0	1.52	14.97	9.93	1.69	13.84	10.74	1.88
600	80	62	19.0	15.7	1.14	18.2	16.0	1.27	17.3	15.6	1.40	16.4	15.4	1.56	15.59	15.06	1.73	14.65	14.52	1.92
	80	67	20.7	12.6	1.16	19.8	12.9	1.29	18.9	12.5	1.43	17.8	12.4	1.58	16.73	12.30	1.76	15.55	12.22	1.95
	80	72	23.0	9.7	1.20	22.0	10.1	1.33	21.0	9.8	1.48	19.8	9.7	1.63	18.62	9.71	1.80	17.26	9.72	1.99
	75	63	19.1	12.1	1.14	18.3	12.4	1.27	17.4	12.0	1.41	16.4	11.8	1.56	15.31	11.71	1.73	14.15	11.57	1.91
675	80	62	19.4	17.0	1.17	18.6	17.1	1.30	17.9	16.6	1.44	17.1	16.2	1.60	16.14	15.60	1.77	15.15	15.09	1.97
	80	67	21.2	13.5	1.20	20.2	13.6	1.33	19.2	13.3	1.47	18.2	13.2	1.62	17.01	13.02	1.79	15.83	13.33	1.98
	80	72	23.4	10.4	1.24	22.4	10.6	1.37	21.3	10.3	1.51	20.1	10.3	1.67	18.77	10.19	1.84	17.41	10.25	2.03
	75	63	19.5	13.0	1.17	18.6	13.1	1.30	17.7	12.7	1.44	16.7	12.6	1.59	15.56	12.38	1.76	14.42	12.61	1.95

MSA4BD024KB C7B(A,H)M01824(C,U)-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	19.0	1.48	23.5	18.9	1.64	22.5	19.0	1.82	21.5	18.7	2.02	20.26	19.69	2.25	18.94	18.41	2.50
	80	67	26.7	15.4	1.53	25.7	15.3	1.69	24.7	15.5	1.87	23.5	15.2	2.07	22.25	14.89	2.30	20.78	13.68	2.55
	80	72	29.6	12.0	1.61	28.6	12.0	1.77	27.4	12.3	1.95	26.2	12.0	2.16	24.75	11.83	2.39	23.06	12.07	2.66
	75	63	24.7	14.9	1.48	23.8	14.8	1.64	22.8	14.9	1.82	21.6	14.5	2.02	20.37	13.27	2.25	18.99	14.29	2.50
800	80	62	25.1	20.5	1.53	24.2	20.9	1.69	23.2	20.5	1.87	22.1	20.3	2.07	20.94	20.12	2.30	19.86	19.69	2.56
	80	67	27.4	16.3	1.59	26.4	16.8	1.75	25.3	16.4	1.93	24.1	16.2	2.12	22.74	16.22	2.35	21.19	16.13	2.61
	80	72	30.3	12.6	1.67	29.2	13.3	1.84	28.0	12.9	2.02	26.7	12.8	2.22	25.15	12.89	2.45	23.31	12.91	2.72
	75	63	25.3	15.8	1.53	24.3	16.2	1.70	23.3	15.8	1.87	22.1	15.6	2.07	20.86	15.47	2.30	19.39	15.32	2.55
900	80	62	25.7	22.2	1.58	24.8	22.3	1.74	23.8	21.9	1.92	22.8	21.6	2.13	21.78	21.05	2.36	20.53	20.45	2.62
	80	67	27.9	17.5	1.64	26.9	17.7	1.80	25.7	17.3	1.98	24.5	17.3	2.18	23.10	17.11	2.41	21.47	17.09	2.67
	80	72	30.8	13.5	1.73	29.7	13.9	1.89	28.4	13.5	2.07	27.0	13.6	2.27	25.30	13.48	2.50	23.54	13.55	2.78
	75	63	25.8	16.9	1.59	24.8	17.1	1.75	23.7	16.6	1.92	22.5	16.5	2.12	21.21	16.31	2.35	19.72	16.24	2.60

MSA4BD030KB C7B(A,H)M03036(C,U)-A

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	29.6	22.4	1.78	28.5	22.9	1.97	27.3	23.0	2.17	25.9	22.6	2.40	24.44	23.82	2.66	22.82	22.23	2.96
	80	67	32.5	18.7	1.83	31.3	18.5	2.01	29.9	18.7	2.21	28.5	18.3	2.44	26.84	17.97	2.71	25.04	16.48	3.01
	80	72	36.3	14.7	1.89	34.9	14.6	2.08	33.4	15.0	2.28	31.7	14.6	2.51	29.92	14.40	2.78	27.67	14.66	3.11
	75	63	30.0	18.1	1.79	28.8	17.9	1.97	27.5	18.0	2.18	26.1	17.6	2.40	24.53	15.96	2.67	22.83	17.18	2.96
1000	80	62	30.5	24.9	1.85	29.3	25.4	2.03	28.0	24.8	2.23	26.7	24.5	2.46	25.29	24.29	2.73	23.96	23.76	3.03
	80	67	33.4	19.8	1.89	32.0	20.4	2.07	30.7	19.8	2.28	29.1	19.6	2.51	27.46	19.54	2.77	25.57	19.40	3.07
	80	72	37.1	15.5	1.96	35.6	16.2	2.14	34.0	15.7	2.35	32.2	15.6	2.58	30.05	15.65	2.84	27.90	15.56	3.17
	75	63	30.8	19.1	1.85	29.5	19.6	2.03	28.2	19.0	2.23	26.7	18.7	2.46	25.10	18.61	2.72	23.31	18.40	3.02
1125	80	62	31.3	26.9	1.90	30.0	27.1	2.09	28.7	26.5	2.29	27.6	26.1	2.53	26.32	25.43	2.80	24.77	24.66	3.10
	80	67	34.1	21.2	1.95	32.7	21.5	2.13	31.2	20.9	2.34	29.7	20.8	2.57	27.93	20.60	2.83	25.90	20.52	3.14
	80	72	37.6	16.6	2.01	35.9	17.0	2.20	34.2	16.5	2.40	32.4	16.4	2.63	30.52	16.26	2.91	28.33	16.29	3.25
	75	63	31.4	20.5	1.91	30.1	20.6	2.09	28.7	20.0	2.29	27.2	19.9	2.52	25.55	19.59	2.78	23.69	19.47	3.08

MSA4BD036KB C7B(A,H)M03036(C,U)-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	36.7	27.9	2.26	35.4	28.4	2.49	33.7	28.5	2.75	31.9	28.0	3.03	29.73	29.16	3.39	27.72	27.20	3.80
	80	67	40.5	23.1	2.33	38.8	23.0	2.56	37.0	23.2	2.82	34.9	22.6	3.13	32.61	22.07	3.49	30.37	20.29	3.86
	80	72	44.7	18.1	2.43	42.9	18.0	2.66	40.9	18.3	2.95	38.7	17.8	3.25	36.53	17.54	3.58	34.14	17.93	3.95
	75	63	37.3	22.4	2.27	35.8	22.2	2.50	34.1	22.3	2.75	32.2	21.7	3.04	29.85	19.41	3.41	27.47	21.02	3.79
1250	80	62	38.2	31.7	2.37	36.7	32.2	2.60	35.0	31.5	2.85	33.1	31.1	3.14	31.26	30.20	3.54	29.43	29.18	3.91
	80	67	41.5	24.6	2.41	39.7	25.3	2.64	37.8	24.6	2.90	35.6	24.2	3.22	33.37	24.09	3.56	31.04	23.94	3.93
	80	72	45.8	19.0	2.51	43.8	19.9	2.76	41.7	19.2	3.04	39.5	19.0	3.33	37.22	19.13	3.66	34.70	19.19	4.03
	75	63	38.3	23.8	2.35	36.7	24.4	2.58	34.9	23.7	2.83	32.9	23.3	3.12	30.50	22.93	3.49	28.11	22.62	3.86
1450	80	62	39.4	34.9	2.47	37.8	35.1	2.70	36.5	34.0	2.96	34.6	32.9	3.29	32.70	31.59	3.65	30.74	30.61	4.02
	80	67	42.3	26.4	2.49	40.5	26.7	2.72	38.4	26.0	2.99	36.2	25.7	3.30	33.94	25.47	3.64	31.56	25.46	4.00
	80	72	46.6	20.4	2.59	44.5	20.8	2.84	42.3	20.1	3.11	40.1	20.2	3.40	37.63	20.06	3.73	35.01	20.24	4.10
	75	63	39.0	25.5	2.42	37.4	25.7	2.65	35.5	25.0	2.90	33.4	24.7	3.20	30.94	24.17	3.57	28.61	24.03	3.94

13 SEER COOLING EXPANDED RATINGS (CONTINUED)

MSA4BD042KB C7B(A,H)M03642(C,U)-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.
1150	80	62	41.5	31.9	2.54	39.8	31.6	2.76	38.0	31.7	3.01	35.9	31.0	3.32	33.53	32.32	3.68	31.21	30.07	4.05
	80	67	45.6	26.6	2.60	43.8	26.4	2.82	41.8	26.6	3.09	39.6	26.0	3.40	37.23	25.46	3.74	34.73	23.06	4.12
	80	72	50.5	20.7	2.69	48.5	20.6	2.92	46.3	21.0	3.20	43.9	20.5	3.49	41.43	20.20	3.83	38.72	20.66	4.21
	75	63	42.1	25.7	2.55	40.5	25.5	2.76	38.6	25.6	3.02	36.4	24.9	3.33	33.98	22.57	3.69	31.58	24.33	4.06
1300	80	62	42.5	34.0	2.61	40.8	34.6	2.83	38.9	33.7	3.08	36.7	33.1	3.40	34.39	32.65	3.75	32.16	31.88	4.13
	80	67	46.6	28.1	2.67	44.8	28.9	2.90	42.6	28.1	3.17	40.4	27.7	3.48	37.94	27.63	3.81	35.37	27.50	4.19
	80	72	51.5	21.7	2.77	49.3	22.7	3.00	47.1	22.0	3.27	44.6	21.8	3.57	41.87	21.91	3.90	39.12	21.96	4.28
	75	63	43.0	27.1	2.62	41.3	27.8	2.83	39.4	27.0	3.09	37.1	26.5	3.41	34.66	26.30	3.76	32.20	26.03	4.13
1450	80	62	43.3	36.4	2.68	41.6	36.5	2.90	39.6	35.6	3.15	37.4	35.0	3.48	35.23	34.04	3.82	33.20	33.06	4.20
	80	67	47.4	30.0	2.75	45.5	30.4	2.97	43.3	29.6	3.24	41.0	29.4	3.55	38.50	29.10	3.88	35.88	29.11	4.26
	80	72	52.2	23.2	2.84	49.9	23.7	3.08	47.5	23.0	3.33	45.0	23.0	3.64	42.30	22.79	3.97	39.57	22.99	4.35
	75	63	43.8	29.0	2.69	42.1	29.2	2.90	40.0	28.4	3.16	37.7	28.1	3.48	35.19	27.66	3.82	32.62	27.39	4.19

MSA4BD048KB C7B(A,H)M03648(C,U)-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	48.9	37.3	3.13	46.7	36.9	3.45	44.4	36.9	3.78	42.0	36.1	4.16	39.31	37.74	4.58	36.53	35.07	5.05
	80	67	53.7	31.1	3.22	51.5	30.8	3.53	49.1	31.0	3.86	46.4	30.3	4.24	43.62	29.73	4.67	40.70	26.91	5.14
	80	72	59.2	24.2	3.33	56.7	24.1	3.63	54.2	24.5	3.98	51.4	23.9	4.36	48.38	23.51	4.79	45.11	24.01	5.26
	75	63	49.7	30.1	3.14	47.5	29.7	3.46	45.1	29.8	3.80	42.6	29.1	4.17	39.93	26.33	4.59	37.00	28.44	5.06
1600	80	62	50.1	39.9	3.22	47.8	40.5	3.54	45.5	39.4	3.88	43.0	38.7	4.25	40.34	38.20	4.68	37.62	37.30	5.15
	80	67	54.9	33.0	3.32	52.6	33.9	3.63	50.1	32.9	3.96	47.4	32.5	4.34	44.47	32.39	4.77	41.40	32.23	5.24
	80	72	60.4	25.4	3.43	57.9	26.6	3.74	55.1	25.7	4.09	52.2	25.5	4.46	48.95	25.56	4.88	45.75	25.62	5.37
	75	63	50.8	31.9	3.24	48.6	32.6	3.55	46.1	31.6	3.89	43.5	31.1	4.26	40.79	30.88	4.69	37.79	30.56	5.16
1800	80	62	51.0	42.7	3.32	48.7	42.8	3.64	46.4	41.6	3.97	43.9	41.0	4.34	41.29	39.89	4.77	38.85	38.69	5.26
	80	67	55.9	35.3	3.42	53.5	35.7	3.72	50.9	34.7	4.06	48.1	34.5	4.43	45.11	34.19	4.86	42.02	34.22	5.34
	80	72	61.3	27.2	3.53	58.5	27.8	3.83	55.7	26.9	4.18	52.7	26.9	4.55	49.62	26.67	4.98	46.33	26.91	5.47
	75	63	51.7	34.1	3.34	49.4	34.3	3.65	46.9	33.3	3.98	44.2	33.0	4.35	41.39	32.55	4.78	38.33	32.18	5.25

MSA4BD060KB with C7B(A,H)M060(C,U)-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.
1300	80	62	55.8	39.0	3.54	53.5	38.6	3.91	51.0	38.6	4.30	48.3	37.7	4.75	45.23	39.46	5.26	41.87	36.53	5.83
	80	67	61.9	33.0	3.64	59.4	32.7	4.00	56.7	32.9	4.41	53.8	32.2	4.87	50.74	31.49	5.39	47.49	28.03	5.97
	80	72	68.5	26.6	3.79	65.8	26.4	4.15	63.0	26.9	4.58	60.0	26.2	5.03	56.77	25.69	5.56	53.30	26.29	6.15
	75	62	55.7	33.3	3.54	53.4	32.8	3.90	50.9	32.9	4.30	48.2	32.0	4.75	45.10	28.87	5.25	41.76	31.13	5.83
1450	80	62	57.4	41.2	3.62	55.0	42.0	3.98	52.4	40.8	4.38	49.5	40.2	4.83	46.48	39.87	5.35	43.04	39.04	5.92
	80	67	63.4	34.6	3.73	60.8	35.6	4.09	58.1	34.6	4.50	55.2	34.1	4.96	51.99	33.98	5.48	48.54	33.80	6.06
	80	72	70.2	27.6	3.89	67.5	28.9	4.25	64.5	27.9	4.68	61.4	27.6	5.13	58.02	27.71	5.66	54.43	27.82	6.25
	75	62	57.2	34.9	3.62	54.8	35.7	3.98	52.2	34.6	4.38	49.4	33.9	4.83	46.33	33.62	5.35	42.91	33.18	5.91
1600	80	62	58.7	43.9	3.70	56.2	44.1	4.07	53.5	42.9	4.46	50.6	42.2	4.91	47.42	41.55	5.43	43.98	41.19	6.00
	80	67	64.8	36.8	3.82	62.2	37.2	4.18	59.3	36.1	4.58	56.3	35.9	5.05	52.99	35.51	5.57	49.49	35.56	6.15
	80	72	71.7	29.3	3.98	68.8	29.9	4.34	65.8	28.9	4.76	62.5	28.9	5.23	59.04	28.71	5.76	55.24	29.05	6.34
	75	62	58.6	37.0	3.70	56.1	37.3	4.06	53.3	36.1	4.46	50.4	35.7	4.91	47.36	35.20	5.43	43.80	34.93	5.99

13 SEER COOLING EXPANDED RATINGS (CONTINUED)

MSA4BD018KB with B6BMM024K-(A,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.
400	80	62	17.3	12.5	1.08	16.6	12.5	1.20	15.9	12.6	1.32	15.1	12.3	1.46	14.16	12.96	1.62	13.16	12.05	1.79
	80	67	19.2	10.5	1.10	18.4	10.4	1.22	17.6	10.5	1.35	16.7	10.2	1.49	15.70	10.04	1.64	14.61	9.13	1.81
	80	72	21.3	8.4	1.13	20.5	8.3	1.25	19.6	8.5	1.38	18.6	8.3	1.52	17.57	8.10	1.68	16.44	8.27	1.86
	75	63	17.6	10.2	1.09	16.9	10.0	1.20	16.1	10.1	1.33	15.3	9.8	1.46	14.33	8.93	1.62	13.30	9.65	1.79
550	80	62	18.7	15.2	1.15	17.9	15.4	1.27	17.1	15.1	1.39	16.2	14.9	1.53	15.31	14.74	1.69	14.44	14.32	1.86
	80	67	20.5	12.2	1.17	19.6	12.6	1.29	18.7	12.2	1.42	17.7	12.1	1.56	16.63	12.03	1.71	15.49	11.95	1.89
	80	72	22.7	9.5	1.21	21.8	9.9	1.33	20.8	9.6	1.46	19.7	9.5	1.60	18.51	9.52	1.76	17.25	9.54	1.94
	75	63	18.8	11.8	1.15	18.0	12.1	1.27	17.2	11.7	1.39	16.2	11.5	1.53	15.22	11.46	1.69	14.18	11.54	1.86
700	80	62	19.7	17.7	1.22	19.0	17.6	1.34	18.2	17.0	1.47	17.4	16.5	1.61	16.49	15.93	1.76	15.49	15.43	1.94
	80	67	21.3	14.0	1.24	20.4	14.1	1.36	19.4	13.8	1.49	18.4	14.0	1.63	17.23	13.84	1.78	16.04	13.84	1.96
	80	72	23.5	10.7	1.28	22.5	10.9	1.40	21.4	10.6	1.53	20.1	10.6	1.67	18.88	10.50	1.83	17.58	10.55	2.00
	75	63	19.6	13.4	1.21	18.8	13.6	1.34	17.9	13.5	1.46	16.9	13.3	1.60	15.82	13.16	1.75	14.66	13.09	1.92

MSA4BD024KB with B6BMM024K-(A,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.
550	80	62	22.6	16.1	1.37	21.8	16.0	1.53	21.0	16.1	1.70	20.1	16.2	1.91	19.05	17.15	2.13	17.84	16.07	2.38
	80	67	24.9	13.5	1.42	24.1	13.4	1.58	23.2	13.6	1.76	22.2	13.4	1.95	21.05	13.15	2.18	19.77	12.03	2.43
	80	72	27.5	10.8	1.49	26.6	10.7	1.66	25.6	11.0	1.83	24.6	10.8	2.04	23.36	10.63	2.27	21.94	10.88	2.54
	75	63	23.0	13.1	1.38	22.2	13.0	1.54	21.4	13.2	1.71	20.4	12.9	1.91	19.33	11.83	2.14	18.07	12.74	2.39
700	80	62	24.0	18.8	1.44	23.1	19.3	1.60	22.2	18.9	1.78	21.2	18.7	1.97	20.13	18.69	2.20	18.90	18.60	2.45
	80	67	26.3	15.1	1.50	25.4	15.6	1.66	24.4	15.2	1.84	23.3	15.1	2.04	22.06	15.11	2.26	20.64	15.07	2.51
	80	72	28.9	11.7	1.58	28.0	12.4	1.75	26.9	12.0	1.93	25.7	11.9	2.13	24.40	12.04	2.36	22.84	12.08	2.63
	75	63	24.3	14.6	1.45	23.4	15.1	1.61	22.5	14.7	1.78	21.4	14.5	1.98	20.24	14.47	2.20	18.95	14.40	2.45
850	80	62	24.9	21.3	1.51	24.1	21.5	1.67	23.2	21.1	1.85	22.2	20.9	2.05	21.36	20.63	2.28	20.21	20.12	2.54
	80	67	27.2	16.8	1.57	26.2	17.0	1.74	25.2	16.7	1.91	24.0	16.6	2.11	22.73	16.55	2.33	21.24	16.61	2.59
	80	72	30.0	12.9	1.66	28.9	13.3	1.83	27.7	12.9	2.01	26.5	13.0	2.21	25.04	12.95	2.45	23.39	13.10	2.72
	75	63	25.1	16.2	1.51	24.2	16.4	1.67	23.2	16.0	1.85	22.1	16.0	2.04	20.88	15.81	2.27	19.53	15.83	2.52

MSA4BD030KB with B6BMM030K-(A,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.
750	80	62	28.4	20.8	1.79	27.4	20.6	1.97	26.3	20.8	2.17	25.2	21.0	2.41	23.85	22.25	2.68	22.38	20.87	2.99
	80	67	31.3	17.3	1.86	30.2	17.2	2.05	29.0	17.4	2.25	27.7	17.1	2.49	26.24	16.83	2.76	24.60	15.51	3.08
	80	72	34.5	13.7	1.95	33.3	13.6	2.14	32.0	13.9	2.35	30.6	13.6	2.59	28.99	13.43	2.88	27.16	13.74	3.22
	75	63	29.0	16.8	1.80	27.9	16.7	1.98	26.8	16.9	2.19	25.5	16.5	2.42	24.15	15.18	2.69	22.62	16.33	3.00
900	80	62	29.7	23.7	1.87	28.6	24.2	2.05	27.4	23.7	2.26	26.2	23.5	2.49	24.79	23.46	2.76	23.51	23.24	3.08
	80	67	32.5	18.8	1.94	31.3	19.4	2.13	30.0	18.9	2.33	28.6	18.8	2.57	27.05	18.79	2.85	25.28	18.74	3.17
	80	72	35.8	14.6	2.03	34.5	15.3	2.22	33.1	14.9	2.44	31.6	14.8	2.69	29.81	14.87	2.98	27.90	14.93	3.31
	75	63	30.0	18.2	1.88	28.9	18.8	2.06	27.7	18.3	2.26	26.4	18.1	2.50	24.93	18.02	2.77	23.30	17.93	3.07
1050	80	62	30.6	26.2	1.94	29.5	26.4	2.13	28.3	25.9	2.33	27.2	25.7	2.58	26.05	25.17	2.86	24.62	24.51	3.19
	80	67	33.4	20.6	2.02	32.1	20.8	2.20	30.7	20.4	2.41	29.3	20.3	2.65	27.65	20.20	2.92	25.78	20.25	3.25
	80	72	36.8	15.9	2.11	35.4	16.3	2.30	33.9	15.8	2.52	32.3	15.8	2.77	30.41	15.76	3.06	28.47	15.97	3.39
	75	63	30.9	19.9	1.95	29.7	20.1	2.13	28.4	19.6	2.34	27.0	19.5	2.57	25.50	19.33	2.84	23.79	19.33	3.15

MSA4BD036KB with B6BMM036K-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.
1000	80	62	35.4	26.9	2.25	34.2	26.7	2.47	32.7	26.8	2.72	31.1	26.3	3.01	29.31	27.64	3.35	27.16	25.61	3.78
	80	67	39.0	22.4	2.33	37.5	22.3	2.55	36.0	22.5	2.81	34.3	22.1	3.11	32.18	21.67	3.48	30.17	19.73	3.86
	80	72	43.0	17.5	2.43	41.5	17.5	2.67	39.8	17.9	2.94	37.8	17.5	3.25	35.83	17.22	3.59	33.63	17.65	3.97
	75	63	36.0	21.7	2.26	34.6	21.6	2.48	33.2	21.7	2.73	31.5	21.3	3.02	29.62	19.28	3.37	27.46	20.82	3.79
1150	80	62	36.4	28.8	2.32	35.0	29.4	2.55	33.5	28.7	2.80	31.9	28.3	3.09	30.02	27.97	3.45	28.00	27.42	3.86
	80	67	39.9	23.9	2.41	38.5	24.6	2.63	36.8	24.0	2.89	34.9	23.7	3.19	32.94	23.69	3.55	30.80	23.63	3.93
	80	72	44.0	18.5	2.51	42.4	19.4	2.75	40.5	18.8	3.02	38.6	18.6	3.32	36.43	18.77	3.67	34.16	18.88	4.06
	75	63	36.9	23.1	2.33	35.5	23.7	2.56	33.9	23.1	2.81	32.3	22.8	3.10	30.27	22.64	3.45	28.05	22.42	3.86
1300	80	62	37.1	30.9	2.39	35.8	31.1	2.62	34.3	30.4	2.87	32.6	30.0	3.16	30.72	29.32	3.53	28.80	28.68	3.93
	80	67	40.6	25.6	2.48	39.1	26.0	2.71	37.4	25.4	2.96	35.5	25.3	3.27	33.46	25.07	3.62	31.29	25.14	4.00
	80	72	44.7	19.8	2.59	43.0	20.3	2.82	41.0	19.7	3.10	39.1	19.7	3.40	36.93	19.63	3.74	34.66	19.88	4.14
	75	63	37.5	24.7	2.40	36.1	25.0	2.63	34.5	24.4	2.88	32.8	24.2	3.17	30.67	23.88	3.53	28.52	23.66	3.92

13 SEER COOLING EXPANDED RATINGS (CONTINUED)

MSA4BD042KB with B6BMM042K-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.
1200	80	62	40.5	31.7	2.61	39.1	31.5	2.82	37.6	31.7	3.06	35.8	31.1	3.33	33.79	32.47	3.67	31.65	30.42	4.05
	80	67	44.5	26.3	2.69	42.9	26.2	2.91	41.1	26.5	3.16	39.2	26.0	3.44	37.17	25.58	3.77	34.92	23.46	4.13
	80	72	49.2	20.4	2.79	47.3	20.4	3.02	45.4	20.8	3.28	43.3	20.4	3.57	40.95	20.17	3.90	38.44	20.69	4.27
	75	63	41.1	25.4	2.63	39.6	25.3	2.83	38.0	25.5	3.07	36.2	25.0	3.34	34.19	22.87	3.68	31.92	24.64	4.05
1350	80	62	41.4	33.6	2.69	39.9	34.3	2.89	38.3	33.5	3.14	36.5	33.1	3.41	34.50	32.71	3.75	32.44	32.17	4.13
	80	67	45.3	27.7	2.77	43.6	28.6	2.99	41.8	27.9	3.24	39.8	27.6	3.52	37.72	27.64	3.84	35.45	27.61	4.21
	80	72	50.0	21.4	2.87	48.0	22.4	3.10	46.0	21.8	3.36	43.7	21.6	3.65	41.34	21.77	3.98	38.89	21.89	4.35
	75	63	41.9	26.8	2.70	40.3	27.5	2.91	38.7	26.8	3.15	36.8	26.5	3.42	34.72	26.39	3.76	32.45	26.24	4.13
1500	80	62	42.2	35.8	2.76	40.6	36.0	2.98	38.9	35.1	3.22	37.2	34.7	3.50	35.18	33.99	3.83	33.33	33.19	4.21
	80	67	46.0	29.6	2.84	44.3	30.0	3.06	42.4	29.3	3.32	40.4	29.2	3.60	38.21	29.00	3.92	35.86	29.12	4.29
	80	72	50.5	22.8	2.94	48.5	23.3	3.17	46.4	22.6	3.44	44.2	22.7	3.73	41.80	22.59	4.06	39.23	22.86	4.43
	75	63	42.5	28.5	2.77	40.9	28.8	2.99	39.2	28.1	3.22	37.3	28.0	3.50	35.15	27.66	3.83	32.85	27.49	4.20

MSA4BD048KB with B6BMM048K-(B,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.
1200	80	62	47.9	35.0	2.99	45.8	34.6	3.31	43.3	34.4	3.65	40.8	33.6	4.02	37.96	34.66	4.43	36.36	33.20	4.66
	80	67	52.9	29.2	3.07	50.6	28.9	3.39	48.2	29.1	3.72	45.7	28.4	4.09	42.78	27.79	4.52	39.79	25.59	4.98
	80	72	58.4	23.2	3.16	56.1	23.0	3.47	53.5	23.4	3.81	50.7	22.8	4.19	47.77	22.29	4.61	44.56	22.74	5.08
	75	63	48.8	28.4	3.00	46.6	28.0	3.32	44.2	28.0	3.67	41.7	27.3	4.03	38.86	24.30	4.45	35.62	26.38	4.91
1350	80	62	49.1	37.0	3.06	46.9	37.6	3.38	44.4	36.5	3.73	41.8	35.9	4.09	39.01	35.44	4.51	37.45	35.61	4.74
	80	67	54.2	30.8	3.15	51.8	31.7	3.46	49.4	30.7	3.80	46.7	30.3	4.17	43.74	30.13	4.59	40.61	29.94	5.06
	80	72	59.8	24.1	3.24	57.3	25.3	3.55	54.6	24.4	3.89	51.8	24.1	4.27	48.71	24.12	4.69	45.46	24.15	5.17
	75	63	50.0	29.9	3.08	47.7	30.5	3.40	45.3	29.6	3.74	42.7	29.0	4.11	39.85	28.71	4.53	36.52	28.24	4.98
1500	80	62	50.1	39.5	3.14	47.8	39.6	3.46	45.3	38.5	3.80	42.7	38.0	4.16	39.88	37.30	4.58	38.40	37.59	4.81
	80	67	55.3	32.9	3.22	52.9	33.2	3.53	50.3	32.3	3.87	47.5	32.0	4.24	44.44	31.65	4.67	41.21	31.62	5.13
	80	72	60.9	25.7	3.32	58.4	26.2	3.63	55.6	25.3	3.97	52.6	25.3	4.35	49.46	25.08	4.77	46.09	25.32	5.25
	75	63	51.0	31.8	3.16	48.6	32.0	3.48	46.2	31.0	3.81	43.5	30.6	4.18	40.53	30.13	4.60	37.24	29.85	5.06

MSA4BD060KB with B6BMM060K-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.
1800	80	62	60.2	45.0	3.78	57.6	44.4	4.15	54.8	44.4	4.56	51.9	43.3	5.02	48.66	44.96	5.53	45.11	41.68	6.11
	80	67	65.5	37.5	3.89	62.7	37.0	4.25	59.9	37.2	4.66	56.8	36.3	5.12	53.54	35.45	5.64	50.03	32.06	6.22
	80	72	71.5	30.0	4.02	67.8	29.7	4.36	64.6	30.1	4.77	61.4	29.3	5.23	57.92	28.59	5.75	54.16	28.97	6.33
	75	63	60.5	36.3	3.78	57.8	35.7	4.17	55.1	35.8	4.57	52.1	34.7	5.02	48.80	31.18	5.54	45.15	33.49	6.11
1950	80	62	61.1	46.7	3.85	58.4	47.4	4.23	55.7	45.8	4.64	52.7	45.0	5.09	49.37	44.36	5.61	45.85	43.57	6.18
	80	67	66.4	38.6	3.96	63.6	39.6	4.33	60.7	38.4	4.74	57.6	37.7	5.20	54.22	37.47	5.71	50.60	37.08	6.29
	80	72	71.7	30.7	4.08	68.7	31.9	4.44	65.6	30.8	4.85	62.2	30.3	5.31	58.62	30.21	5.83	54.80	30.06	6.41
	75	63	61.4	37.4	3.86	58.7	38.1	4.24	55.9	36.8	4.64	52.8	36.1	5.09	49.47	35.58	5.61	45.82	34.96	6.18
2100	80	62	61.9	49.0	3.92	59.1	48.6	4.30	56.3	47.3	4.70	53.3	46.7	5.16	50.00	45.80	5.68	46.51	45.12	6.25
	80	67	67.2	40.4	4.04	64.4	40.7	4.40	61.4	39.5	4.81	58.2	39.1	5.27	54.82	38.54	5.79	51.15	38.36	6.36
	80	72	72.5	32.0	4.15	69.5	32.6	4.52	66.3	31.4	4.93	62.9	31.2	5.39	59.21	30.81	5.90	55.32	30.87	6.48
	75	63	62.2	39.0	3.93	59.4	39.2	4.30	56.5	37.9	4.71	53.4	37.3	5.16	50.05	36.60	5.68	46.36	36.12	6.25

COOLING EXPANDED RATINGS WITH AIR HANDLER

MSA4BD018KB B6EMMX24K-A

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.
525	80	62	18.3	14.6	0.99	17.7	14.5	1.13	16.9	14.6	1.27	16.2	14.4	1.44	15.35	15.03	1.62	14.46	14.16	1.85
	80	67	19.9	11.8	0.99	19.2	11.7	1.13	18.3	11.8	1.29	17.5	11.6	1.45	16.50	11.38	1.64	15.48	10.74	1.86
	80	72	22.0	9.1	1.00	21.2	9.1	1.15	20.2	9.2	1.30	19.2	9.0	1.48	18.09	8.90	1.68	16.98	9.14	1.88
	75	62	18.1	11.9	0.99	17.5	11.8	1.13	16.7	11.9	1.27	15.9	11.6	1.44	15.09	10.75	1.62	14.18	11.77	1.83
600	80	62	18.9	15.8	1.00	18.2	16.1	1.14	17.4	15.8	1.29	16.7	15.6	1.45	15.94	15.40	1.64	15.06	14.93	1.87
	80	67	20.4	12.5	1.00	19.6	12.9	1.15	18.8	12.6	1.30	17.9	12.4	1.47	16.80	12.40	1.67	15.78	12.39	1.87
	80	72	22.5	9.6	1.01	21.6	10.1	1.16	20.6	9.8	1.32	19.4	9.6	1.50	18.25	9.73	1.69	17.11	9.77	1.89
	75	62	18.6	12.7	1.00	17.9	13.0	1.14	17.1	12.7	1.29	16.3	12.8	1.45	15.44	12.78	1.63	14.43	12.70	1.86
675	80	62	19.4	17.1	1.01	18.6	17.2	1.15	18.0	16.7	1.30	17.3	16.4	1.47	16.44	15.88	1.66	15.53	15.47	1.88
	80	67	20.8	13.5	1.01	20.0	13.6	1.16	19.1	13.3	1.31	18.2	13.3	1.48	17.09	13.46	1.69	16.06	13.53	1.89
	80	72	22.9	10.3	1.02	21.9	10.6	1.17	20.8	10.3	1.33	19.6	10.2	1.52	18.50	10.16	1.70	17.37	10.27	1.91
	75	62	19.0	13.6	1.01	18.3	14.1	1.15	17.5	13.8	1.30	16.6	13.7	1.46	15.71	13.58	1.65	14.68	13.57	1.87

MSA4BD024KB B6EMMX24K-A

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	24.5	19.2	1.32	23.7	19.1	1.50	22.8	19.2	1.70	21.7	18.8	1.93	20.67	19.81	2.17	19.55	18.74	2.44
	80	67	26.6	15.4	1.34	25.6	15.3	1.52	24.5	15.5	1.73	23.5	15.2	1.95	22.34	14.99	2.19	21.10	14.08	2.45
	80	72	29.3	12.0	1.38	28.2	12.0	1.58	27.1	12.3	1.77	25.9	12.1	1.98	24.56	11.93	2.22	23.00	12.28	2.48
	75	62	24.3	15.6	1.32	23.4	15.5	1.50	22.5	15.6	1.69	21.4	15.3	1.93	20.36	14.18	2.17	19.19	15.17	2.43
800	80	62	25.2	20.6	1.35	24.3	21.1	1.52	23.3	20.6	1.73	22.3	20.4	1.95	21.28	20.40	2.19	20.33	20.13	2.46
	80	67	27.2	16.4	1.36	26.2	16.9	1.55	25.1	16.4	1.76	24.0	16.3	1.97	22.82	16.31	2.21	21.54	16.31	2.47
	80	72	29.9	12.7	1.41	28.7	13.3	1.60	27.5	12.9	1.80	26.0	12.9	2.00	24.67	12.94	2.24	23.30	13.02	2.50
	75	62	24.9	16.6	1.34	24.0	17.0	1.52	23.0	16.6	1.72	21.9	16.4	1.95	20.81	16.34	2.19	19.64	16.72	2.45
900	80	62	25.8	22.3	1.37	24.9	22.5	1.55	23.9	22.0	1.76	23.0	21.8	1.98	22.09	21.34	2.22	20.99	20.90	2.48
	80	67	27.7	17.5	1.39	26.7	17.8	1.58	25.6	17.3	1.78	24.4	17.3	2.00	23.22	17.20	2.23	21.89	17.29	2.50
	80	72	30.1	13.6	1.43	28.8	13.9	1.63	27.6	13.5	1.82	26.4	13.5	2.03	25.09	13.47	2.27	23.66	13.63	2.53
	75	62	25.4	17.8	1.36	24.5	17.9	1.54	23.4	17.5	1.75	22.3	17.4	1.97	21.20	17.76	2.21	19.99	17.79	2.48

MSA4BD030KB B6EMMX30K-A

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	30.0	24.1	1.66	28.9	23.9	1.86	27.6	23.9	2.07	26.3	23.5	2.32	24.87	24.33	2.60	23.37	22.86	2.91
	80	67	32.6	19.8	1.68	31.3	19.6	1.88	29.9	19.8	2.10	28.4	19.5	2.34	26.82	19.13	2.62	24.92	17.99	2.97
	80	72	35.8	15.2	1.71	34.3	15.1	1.91	32.7	15.4	2.13	31.0	15.1	2.38	28.96	14.81	2.68	26.69	14.99	3.04
	75	62	29.8	20.1	1.66	28.6	19.9	1.86	27.4	20.0	2.07	26.0	19.6	2.31	24.57	17.94	2.59	22.96	19.27	2.91
1000	80	62	30.7	25.8	1.70	29.5	26.2	1.90	28.3	25.6	2.11	26.9	25.1	2.35	25.53	24.67	2.63	24.08	23.88	2.96
	80	67	33.3	21.1	1.71	31.9	21.7	1.91	30.4	21.1	2.13	28.9	20.9	2.37	27.25	20.81	2.65	25.21	20.62	3.01
	80	72	36.4	16.1	1.74	34.8	16.8	1.94	33.0	16.3	2.16	31.3	16.1	2.41	29.23	16.06	2.72	27.06	15.98	3.07
	75	62	30.4	21.3	1.69	29.2	21.8	1.89	27.9	21.3	2.10	26.5	21.0	2.35	25.00	20.88	2.62	23.34	20.71	2.94
1125	80	62	31.4	27.7	1.73	30.1	27.7	1.92	28.9	26.8	2.14	27.6	26.2	2.39	26.24	25.36	2.67	24.61	24.51	3.02
	80	67	33.8	22.7	1.75	32.4	23.0	1.95	30.9	22.3	2.16	29.3	22.2	2.41	27.58	22.02	2.69	25.48	21.91	3.05
	80	72	36.7	17.3	1.77	35.0	17.6	1.98	33.4	17.0	2.20	31.7	17.0	2.44	29.50	16.78	2.77	27.34	16.83	3.10
	75	62	31.0	22.9	1.72	29.7	23.1	1.92	28.3	22.5	2.14	26.9	22.3	2.38	25.34	22.07	2.66	23.63	21.95	2.97

MSA4BD036KB 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	37.6	29.3	2.06	36.3	29.1	2.30	34.8	29.2	2.57	33.2	28.7	2.87	31.26	29.90	3.25	29.37	28.09	3.67
	80	67	40.9	24.2	2.09	39.3	24.0	2.33	37.7	24.3	2.60	35.8	23.7	2.94	33.81	23.32	3.31	31.79	21.79	3.69
	80	72	44.9	18.8	2.13	43.1	18.7	2.38	41.1	19.1	2.68	38.8	18.7	3.00	36.48	18.38	3.34	34.41	18.79	3.73
	75	62	37.4	24.5	2.06	36.0	24.3	2.30	34.5	24.5	2.56	32.9	24.0	2.86	30.96	21.97	3.23	28.95	23.49	3.66
1200	80	62	38.6	31.4	2.10	37.2	32.0	2.34	35.7	31.2	2.60	34.0	30.8	2.91	32.03	30.43	3.30	30.16	29.90	3.70
	80	67	41.8	25.7	2.12	40.2	26.5	2.37	38.5	25.8	2.65	36.4	25.4	2.99	34.42	25.39	3.34	32.40	25.36	3.73
	80	72	45.5	19.8	2.16	43.4	20.7	2.42	41.3	20.0	2.72	39.3	19.8	3.04	37.20	19.88	3.37	35.00	19.94	3.76
	75	62	38.2	26.1	2.09	36.8	26.7	2.34	35.2	26.0	2.60	33.5	25.6	2.90	31.49	25.40	3.28	29.51	25.22	3.70
1350	80	62	39.4	33.7	2.13	38.0	33.8	2.38	36.4	33.0	2.64	34.6	32.5	2.97	32.72	31.62	3.35	31.05	30.92	3.74
	80	67	42.5	27.6	2.16	40.9	27.9	2.41	39.1	27.2	2.69	36.9	27.0	3.04	34.92	26.82	3.38	32.83	26.81	3.76
	80	72	45.9	21.2	2.19	44.0	21.5	2.47	41.8	20.8	2.77	39.8	20.8	3.07	37.71	20.70	3.41	35.45	20.90	3.80
	75	62	38.9	28.0	2.13	37.4	28.1	2.37	35.8	27.4	2.64	34.1	27.2	2.94	31.95	26.80	3.33	29.97	26.72	3.73

COOLING EXPANDED RATINGS WITH AIR HANDLER (CONTINUED)

MSA4BD042KB B6EMMX42K-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.
1225	80	62	42.4	32.4	2.33	40.9	32.1	2.56	39.2	32.3	2.83	37.2	31.6	3.16	35.26	33.20	3.53	33.24	31.30	3.92
	80	67	46.4	26.7	2.34	44.7	26.6	2.58	42.7	26.8	2.88	40.6	26.3	3.20	38.44	25.93	3.56	36.19	24.17	3.95
	80	72	50.8	20.7	2.37	48.7	20.6	2.63	46.6	21.0	2.92	44.4	20.6	3.23	42.02	20.30	3.59	39.54	20.85	3.98
	75	62	42.3	27.1	2.33	40.8	26.9	2.56	39.1	27.2	2.83	37.1	26.6	3.16	35.09	24.59	3.53	33.03	26.38	3.92
1400	80	62	43.5	34.5	2.36	41.9	35.2	2.60	40.1	34.4	2.87	38.0	33.9	3.21	35.99	33.71	3.57	33.97	33.33	3.97
	80	67	47.5	28.4	2.38	45.6	29.2	2.63	43.5	28.5	2.93	41.4	28.2	3.24	39.17	28.24	3.60	36.80	28.27	3.99
	80	72	51.8	21.7	2.41	49.6	22.7	2.67	47.5	22.1	2.95	45.1	21.9	3.27	42.67	22.08	3.63	40.08	22.25	4.02
	75	62	43.3	28.8	2.36	41.7	29.6	2.60	39.9	28.8	2.87	37.9	28.4	3.21	35.75	28.37	3.57	33.62	28.31	3.96
1575	80	62	44.3	37.0	2.40	42.7	37.2	2.64	40.7	36.3	2.92	38.8	35.9	3.26	36.62	35.32	3.62	34.80	34.65	4.01
	80	67	48.3	30.4	2.42	46.3	30.8	2.67	44.2	30.0	2.97	42.0	30.0	3.28	39.70	29.79	3.64	37.31	29.99	4.03
	80	72	52.6	23.2	2.45	50.4	23.8	2.71	48.1	23.1	2.99	45.7	23.1	3.31	43.19	23.06	3.67	40.57	23.38	4.06
	75	62	44.1	30.8	2.40	42.4	31.1	2.64	40.5	30.4	2.92	38.4	30.2	3.26	36.28	29.94	3.61	34.08	29.80	4.00

MSA4BD048KB 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	49.5	37.8	2.87	47.6	37.4	3.21	45.4	37.4	3.57	43.2	36.7	3.96	40.93	38.49	4.41	38.51	36.22	4.90
	80	67	53.8	31.1	2.91	51.5	30.8	3.25	49.3	31.1	3.60	46.9	30.5	4.00	44.44	30.04	4.45	41.80	28.03	4.94
	80	72	58.9	24.2	2.93	56.5	24.1	3.28	53.9	24.5	3.64	51.2	24.0	4.04	48.37	23.69	4.48	45.22	24.29	4.98
	75	62	49.3	31.6	2.87	47.3	31.3	3.21	45.2	31.5	3.57	43.0	30.8	3.96	40.72	28.44	4.40	38.27	30.50	4.90
1600	80	62	50.6	40.1	2.93	48.6	40.9	3.26	46.4	39.9	3.62	44.2	39.4	4.01	41.78	39.08	4.46	39.36	38.62	4.95
	80	67	55.0	33.0	2.96	52.7	33.9	3.30	50.3	33.0	3.65	47.9	32.6	4.05	45.25	32.64	4.50	42.52	32.62	4.99
	80	72	59.9	25.4	2.99	57.4	26.6	3.33	54.6	25.8	3.69	51.8	25.5	4.09	48.96	25.67	4.53	46.01	25.79	5.03
	75	62	50.4	33.5	2.93	48.4	34.3	3.26	46.1	33.4	3.62	43.9	32.9	4.01	41.49	32.82	4.46	38.95	32.68	4.95
1800	80	62	51.6	43.0	2.98	49.5	43.2	3.32	47.2	42.1	3.67	44.9	41.7	4.06	42.63	40.85	4.51	40.30	40.13	5.01
	80	67	55.9	35.3	3.01	53.6	35.7	3.35	51.1	34.8	3.70	48.6	34.7	4.10	45.89	34.41	4.55	43.14	34.58	5.05
	80	72	60.5	27.2	3.03	58.0	27.7	3.37	55.3	26.9	3.75	52.5	26.9	4.14	49.60	26.72	4.58	46.58	27.03	5.08
	75	62	51.4	35.8	2.98	49.1	36.1	3.32	46.9	35.2	3.67	44.6	34.9	4.06	42.07	34.60	4.51	39.45	34.40	5.00

MSA4BD060KB B6EMMX60K-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.
1600	80	62	60.0	44.8	3.55	57.6	44.4	3.97	55.3	44.7	4.42	52.8	43.7	4.92	50.17	45.92	5.49	47.40	43.39	6.15
	80	67	65.1	37.1	3.64	62.5	36.8	4.03	60.0	37.2	4.48	57.3	36.5	4.99	54.43	35.97	5.57	51.42	33.66	6.21
	80	72	71.4	28.9	3.71	68.7	28.8	4.12	65.8	29.4	4.57	62.7	28.9	5.07	59.51	28.48	5.65	56.09	29.30	6.29
	75	62	59.7	37.7	3.55	57.3	37.3	3.97	55.0	37.6	4.41	52.5	36.8	4.92	49.91	34.20	5.49	47.11	36.60	6.14
1750	80	62	61.0	46.8	3.60	58.6	47.8	4.02	56.1	46.4	4.46	53.6	45.9	4.97	50.89	45.83	5.54	48.05	45.63	6.19
	80	67	66.1	38.5	3.68	63.5	39.7	4.08	60.9	38.7	4.53	58.1	38.3	5.03	55.18	38.35	5.61	52.08	38.40	6.26
	80	72	72.4	29.9	3.75	69.6	31.3	4.17	66.5	30.4	4.62	63.3	30.2	5.12	59.97	30.46	5.69	56.33	30.75	6.33
	75	62	60.7	39.2	3.60	58.3	40.1	4.01	55.9	39.1	4.46	53.3	38.6	4.97	50.60	38.54	5.54	47.71	38.46	6.19
1900	80	62	61.8	49.1	3.65	59.4	49.4	4.06	56.9	48.3	4.51	54.3	48.1	5.02	51.54	47.61	5.59	48.68	47.50	6.24
	80	67	67.0	40.6	3.72	64.4	41.1	4.13	61.7	40.1	4.58	58.8	40.0	5.08	55.80	39.75	5.66	52.62	40.02	6.30
	80	72	73.2	31.5	3.80	70.2	32.3	4.21	67.1	31.3	4.66	63.7	31.5	5.16	60.26	31.37	5.73	56.81	31.82	6.37
	75	62	61.5	41.2	3.64	59.1	41.5	4.06	56.6	40.5	4.50	54.0	40.3	5.01	51.17	39.96	5.58	48.19	40.06	6.23

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