

MAYTAG

TECHNICAL SPECIFICATIONS

Model PSA4BF-K(B,C) Series



M1200 Product Line

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

- **M1200 – 12 YEAR ALL PARTS LIMITED WARRANTY**
- **M1200 WITH UPGRADED WARRANTY PACKAGE - 12 YEAR ALL PARTS & LABOR LIMITED WARRANTY**
- **Both the standard and upgraded limited warranty packages offer a 12 Year Dependability Promise to replace the entire unit, if the unit's major component (heat exchanger or compressor) fails within the first 12 years of operation, to the original owner. All split system products must be installed with a matched indoor air handler or indoor coil to qualify.**
- **Product registration (by consumer or dealer) required for 12-year Warranty and Dependability Promise within a limited period of time after the installation. See current warranty document for details. This can be viewed at www.maytagvac.com or ask your sales representative.**
- **Dealer is responsible for registration of labor portion of warranty.**



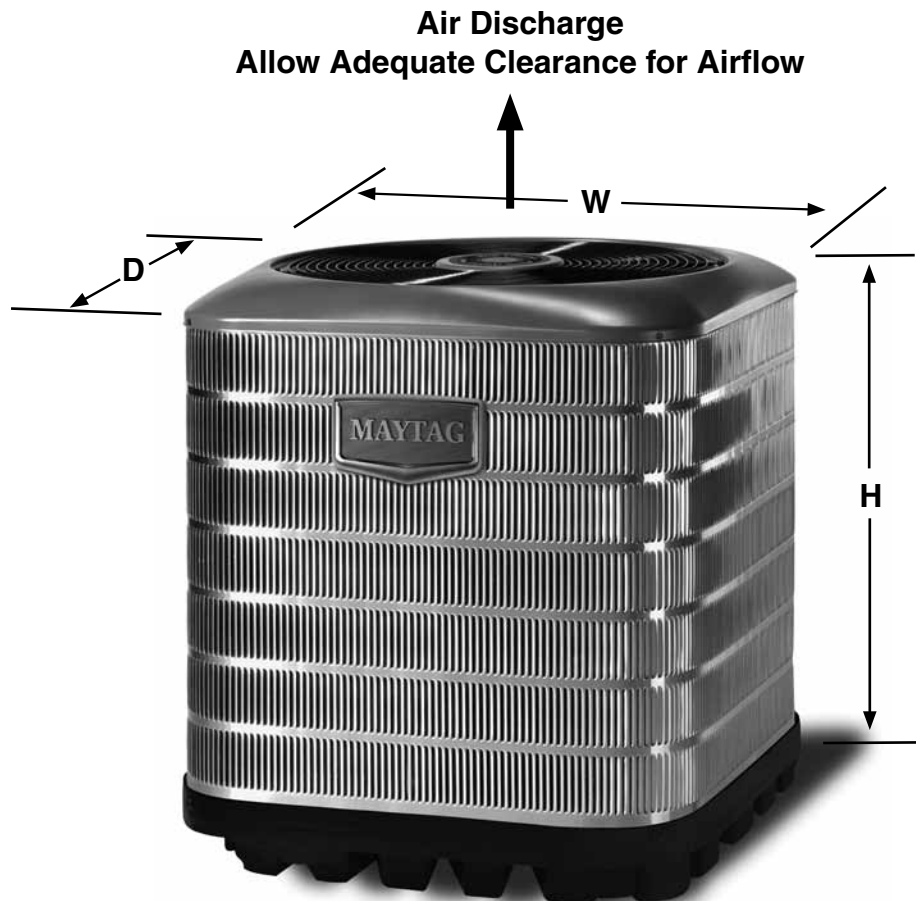
Maytag now offers you the choice of an air conditioner that uses a more efficient and environmentally friendly refrigerant designated Smart Cool 410™ (R-410A). The PSA4BF-K(A,B) Series of Maytag air conditioners offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a line of quality, 16 SEER split system cooling equipment.

Features and Benefits

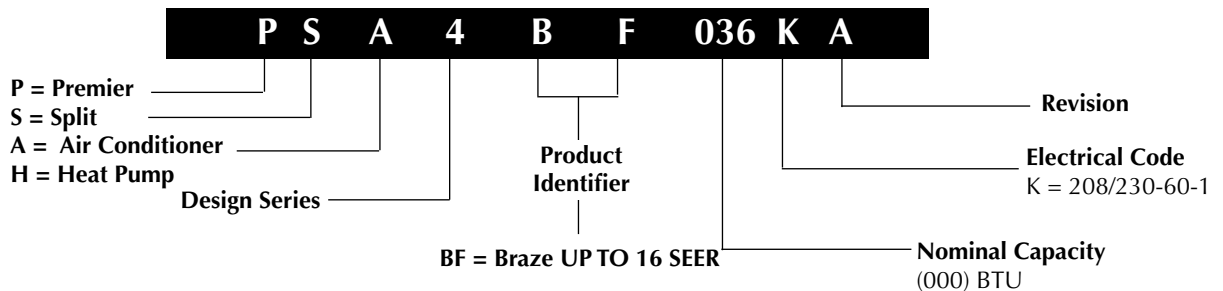
- **Smart Cool 410™ Refrigerant (R-410A)** – Earth friendly non-ozone depleting refrigerant.
- **Copeland Scroll Ultra Tech™ Compressor** – The Ultra Tech Compressor operates with 2 stages of cooling capacity to provide superior comfort and efficiency. Copeland's proven and simple design equates to years of comfort and reliability for the homeowner with virtually silent operation.
- **Comfort Alert™ Diagnostic Module** – Detects system and electrical problem conditions. A "check system" signal can be sent to the optional Maytag thermostat.
- **Quiet Plus™ Sound Package** – Consists of a Quiet Plus™ Compressor Sound Blanket and a Swept Wing Fan Blade. Both have been engineered to significantly reduce unwanted noise.
- **Durable Attractive Stainless Steel Cabinet** – Durable brushed stainless steel protects the coil from yard hazards and extreme weather. Unit is trimmed in a silicone-protected polyester finish with a 950 hour salt spray that resists corrosion 50% better than comparable units.
- **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.
- **Low Pressure Switch** – Loss of charge protection ensures long compressor life. Auto-reset feature prevents nuisance service visits.
- **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.
- **Micro-Channel:** All aluminum coils in all models which provides high corrosion resistance.

DIMENSIONS/OUTDOOR SECTION

PSA4BF	024KB	036KB	048KC	060KC
H	33	37	41	45
W	22 3/4"	30 3/4"	30 3/4"	30 3/4"
D	22 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 PSA4BF		024KB	036KB	048KC	060KC	
Electrical Data	Volts-Cycles-Phase (1)	208/230-60-1				
	Total Amps	12.6	16.5	23.7	31.4	
	Delay Fuse Max. (2)	25	35	50	60	
	Min. Circuit Ampacity	15.5	20.3	29.0	38.6	
Component Data	Coil	Area	13.3	20.3	22.8	25.4
		Rows-FPI	1-23	1-18	1-18	1-23
		Tube Dia	MC			3/8" OD
	Fan Motor	Type	PSC		BLDC	
		Amps	0.9	1.3	2.6	2.6
		HP	0.13	0.25	0.33	0.33
	Compressor Data	RLA	11.6	15.2	21.1	28.8
		LRA	58.3	83.0	104.0	152.9
Refrigerant suction line O.D. NOTE: Liquid line is 3/8" O.D. for entire length.		0-24 ft.	3/4"	7/8"(4)	7/8"	7/8"
		25-39 ft.	7/8" (3)	1-1/8" (3)	1-1/8" (3)	1-1/8" (3)
		40-75 ft.	7/8" (3)	1-1/8" (3)	1-1/8" (3)	1-1/8" (3)
Approximate Weight (lbs.)		Net	144	188	198	186
		Ship	151	197	207	195
Sound Ratings db		70	73	73	75	

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

(2) HACR Type Circuit Breakers may be used.

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

(4) Use of a 3/4" linset will result in approximately 2% loss in capacity.

(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.

SYSTEM HEATING & COOLING CAPACITIES

16 SEER — Extra High Efficiency — Single Phase

Outdoor Unit Number PSA4BF	Indoor Unit Number C6BA/H-	High Speed Capacity (BTU/h)	SEER	EER	Low Speed SCFM	High Speed SCFM
024KB	X24(C,U)-B+MB7(E,V)M(*)B	24000	16	13	645	840
036KB	X36(C,U)-B+MB7(E,V)M(*)B	36000	16	13	810	1140
036KB	X36(C,U)-C+MB7(E,V)M(*)C	36000	16	13	810	1140
048KC	X48(C,U)-C+MB7(E,V)M(*)C	47000	16	13	975	1400
060KC	X60(C,U)-C+MB7(E,V)M(*)C	55000	16	12.5	1120	1600

Outdoor Unit Number PSA4BF	Indoor Unit Number B6VMA	High Speed Capacity (BTU/h)	SEER	EER	Low Speed SCFM	High Speed SCFM
024KB	X24K-B	24000	16	13	670	930
036KB	X36K-B	36000	16	13	810	1140
048KC	X48K-C	47000	16	13	975	1400
060KC	X60K-C	55000	16	12.5	1120	1600

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 - 2-STAGE AC SYSTEMS

PSA4BF048KC C6B(A,H)-X48(C,U)-C + VSB - High Speed
PSA4BF048KC B6VMAX48K-C - High Speed

CFM	O.D.T		65°F			75°F			85°F			95°F			105°F			115°F		
	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	50.3	40.7	2.66	48.3	40.4	2.94	46.2	40.6	3.24	43.9	39.8	3.58	41.59	40.89	3.99	39.47	38.80	4.45
	80	67	54.2	33.0	2.70	52.0	32.8	2.97	49.7	33.1	3.27	47.3	32.7	3.62	44.61	32.15	4.02	41.96	30.63	4.49
	80	72	59.2	25.1	2.73	56.8	25.0	3.00	54.2	25.5	3.31	51.5	25.0	3.66	48.56	24.59	4.06	45.63	25.23	4.54
	75	62	49.9	33.8	2.65	47.9	33.5	2.93	45.8	33.7	3.23	43.4	33.0	3.58	41.01	30.46	3.98	38.57	32.65	4.44
1600	80	62	51.6	44.0	2.72	49.6	44.8	2.99	47.4	43.7	3.29	45.3	42.8	3.64	43.10	41.64	4.05	40.86	40.52	4.52
	80	67	55.4	35.6	2.74	53.2	36.6	3.02	50.7	35.7	3.32	48.1	35.3	3.67	45.38	35.27	4.07	42.66	35.26	4.54
	80	72	60.3	26.6	2.78	57.8	27.8	3.05	55.1	27.0	3.36	52.2	26.8	3.71	49.22	26.96	4.12	46.16	27.16	4.59
	75	62	51.0	36.2	2.71	49.0	37.0	2.99	46.8	36.1	3.29	44.3	35.6	3.63	41.75	35.45	4.03	39.21	35.32	4.49
1800	80	62	52.7	47.5	2.77	50.9	47.4	3.04	48.8	45.5	3.35	46.6	44.3	3.70	44.34	42.84	4.10	41.99	41.81	4.58
	80	67	56.3	38.5	2.79	54.0	38.9	3.07	51.4	38.0	3.37	48.8	37.8	3.72	46.00	37.54	4.12	43.19	37.70	4.59
	80	72	61.1	28.7	2.82	58.5	29.3	3.10	55.7	28.5	3.41	52.6	28.5	3.76	49.45	28.45	4.16	46.33	28.78	4.63
	75	62	51.9	39.0	2.77	49.8	39.3	3.04	47.5	38.4	3.34	45.0	38.1	3.68	42.37	37.71	4.08	39.84	37.72	4.55

PSA4BF048KC C6B(A,H)-X48(C,U)-C + VSB - Low Speed
PSA4BF048KC B6VMAX48K-C - Low Speed

CFM	O.D.T		65°F			75°F			85°F			95°F			105°F			115°F		
	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	38.5	34.7	1.62	37.2	33.9	1.86	35.7	33.3	2.13	33.9	31.8	2.45	31.94	31.40	2.79	29.87	29.37	3.17
	80	67	41.0	28.4	1.60	39.3	28.3	1.84	37.4	28.5	2.13	35.2	27.9	2.45	32.85	27.40	2.79	30.43	26.99	3.16
	80	72	44.4	21.0	1.58	42.6	21.0	1.83	40.4	21.2	2.13	38.1	20.8	2.44	35.64	20.34	2.77	33.00	20.59	3.15
	75	62	37.5	28.8	1.62	36.0	28.6	1.87	34.2	28.7	2.14	32.2	28.1	2.44	29.94	25.39	2.80	27.74	27.21	3.18
1600	80	62	40.0	36.0	1.63	38.6	36.0	1.87	37.0	34.5	2.15	35.0	33.1	2.47	33.00	31.89	2.81	30.83	30.57	3.18
	80	67	41.8	30.7	1.62	40.0	31.4	1.87	38.0	30.7	2.15	35.8	30.3	2.47	33.43	30.17	2.81	31.01	29.89	3.18
	80	72	45.1	22.4	1.60	43.3	23.3	1.85	41.0	22.6	2.15	38.7	22.3	2.46	36.15	22.28	2.79	33.45	22.19	3.17
	75	62	38.3	31.1	1.64	36.7	31.7	1.89	34.9	30.9	2.16	32.9	30.4	2.46	30.73	29.69	2.82	28.61	28.37	3.20
1800	80	62	41.2	37.5	1.64	39.7	37.0	1.89	38.0	35.4	2.17	36.0	34.2	2.49	33.89	32.74	2.83	31.63	31.49	3.20
	80	67	42.4	33.3	1.64	40.6	33.6	1.89	38.6	32.9	2.17	36.3	32.6	2.49	34.00	32.17	2.83	31.64	31.51	3.20
	80	72	45.7	24.1	1.62	43.8	24.6	1.88	41.5	23.9	2.17	39.1	23.8	2.48	36.56	23.57	2.81	33.83	23.60	3.19
	75	62	38.9	33.6	1.66	37.4	33.8	1.90	35.5	32.9	2.18	33.6	31.9	2.49	31.50	30.44	2.84	29.31	29.18	3.22

PSA4BF060KC B6VMAX60K-C High Speed

CFM	O.D.T		65°F			75°F			85°F			95°F			105°F			115°F		
	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

PAS4BF060KC B6VMAX60K-C Low Speed

CFM	O.D.T		65°F			75°F			85°F			95°F			105°F			115°F		
	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

COMFORT ALERT™ DIAGNOSTIC MODULE

Green POWER LED Indicates Voltage Is Present At The Power Connection Of The Module

Pass Through Ports Detect Run/Start Current; Spade Connectors Detect Tstat Demand and Pilot Voltage; Microprocessor Monitors Behavior To Determine Faults

Yellow ALERT LED Flashes To Indicate Fault Code

Diagnostics Key Directs Service Tech To The Root Cause Of A Problem

Red TRIP LED Indicates If Compressor Is Tripped Or Has No Power



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



For current Energy Star Information please refer to www.energystar.gov

MAYTAG

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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