



RAKB

Parts List
07-March-2012



*This parts list is current as of the above revision date.
See <http://www.rheempartslists.net/92-42800-RAKB.pdf> for the current revision.*

Condensing Units

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MODEL NUMBER EXPLANATION

R	A	K	B	-	0	2	4	J	A	Z
1	2	3	4			5		6	7	8

1	TRADEBRAND IDENTIFICATION	6	ELECTRICAL DESIGNATION C= 208-230/3/60 D= 460/3/60 J= 208-230/1/60 N= 380-415/3/50 Y= 575V/3/60
2	MODEL A= CONDENSING UNIT		
3	TYPE K= HIGH EFFIECIENCY		
4	DESIGN SERIES / VARIATION B= SECOND DESIGN	7	VARIATIONS A= STANDARD MODEL
5	COOLING CAPACITY 018= 18,000 BTU/HR 024= 24,000 BTU/HR 030= 30,000 BTU/HR 036= 36,000 BTU/HR 042= 42,000 BTU/HR 048= 48,000 BTU/HR 060= 60,000 BTU/HR 065= 65,000 BTU/HR	8	COMPRESSOR S= SWEAT W/ RECIP. Z= SWEAT W/ SCROLL

SERIAL NUMBER EXPLANATION

6	7	6	1	F	2	7	0	4	9	9	9	9	9
	1			2		3		4			5		

1	COMPRESSOR IDENTIFICATION NUMBER
2	PRODUCTION LOCATION F= FORT MITH, AR M= MILLEDGEVILLE, GA
3	WEEK OF PRODUCTION
4	YEAR OF PRODUCTION
5	PRODUCTION NUMBER

No.	Notes	MODEL COOLING CAPACITY	RAKB -018	RAKB -024	RAKB -030	RAKB -036
SHEET METAL PARTS, MISCELLANEOUS						
1		Base Pan	AE-58426-01	AE-58426-01	AE-58426-01	AE-58426-02
2		Button Plug	45-22980-07	45-22980-07	45-22980-07	45-22980-07
3		Cabinet	AE-100609-01	AE-100609-01	AE-100609-02	AE-100609-03
4		Top Panel	AE-100618-01	AE-100618-01	AE-100618-01	AE-100618-03
5		Grille - Before approximately F1706 or M1407	95-100906-01	95-100906-01	95-100906-01	95-100906-03
5		Grille - After approximately F1706 or M1407	95-102646-01	95-102646-01	95-102646-01	95-100906-03
6		Control Box	AE-100633-01	AE-100633-01	AE-100633-01	AE-100633-01
6a		Capacitor Adapter Plate (2 in. round capacitor)	AE-54609-01	AE-54609-01	AE-54609-01	AE-54609-01
6a		Capacitor Adapter Plate (2 in. X 1-1/4 in. oval capacitor)	AE-54609-02	AE-54609-02	AE-54609-02	AE-54609-02
7		Access Panel	AE-100617-01	AE-100617-01	AE-100617-02	AE-100617-03
8		Service Valve - Suction	61-21368-17	61-21368-15	61-21368-15	61-21368-15
9		Service Valve - Liquid	61-101160-13	61-101160-13	61-101160-13	61-101160-13
		Touch-up Paint (Aerosol)	52-18662-48	52-18662-48	52-18662-48	52-18662-48
		Touch-up Paint (Paint Pens)	523010	523010	523010	523010

No.	Notes	MODEL COOLING CAPACITY	RAKB -042	RAKB -048	RAKB -060	RAKB -065
SHEET METAL PARTS, MISCELLANEOUS						
1		Base Pan	AE-58426-02	AE-58426-03	AE-58426-03	AE-58426-03
2		Button Plug	45-22980-07	45-22980-07	45-22980-07	45-22980-07
3		Cabinet	AE-100609-03	AE-100609-05	AE-100609-05	AE-100609-05
4		Top Panel	AE-100618-03	AE-100618-05	AE-100618-05	AE-100618-05
5		Grille	95-100906-03	95-100906-04	95-100906-04	95-100906-04
6		Control Box	AE-100633-01	AE-100633-01	AE-100633-01	AE-100633-01
6a		Capacitor Adapter Plate (2 in. round capacitor)	AE-54609-01	AE-54609-01	AE-54609-01	AE-54609-01
6a		Capacitor Adapter Plate (2 in. X 1-1/4 in. oval capacitor)	AE-54609-02	AE-54609-02	AE-54609-02	AE-54609-02
7		Access Panel	AE-100617-03	AE-100617-05	AE-100617-05	AE-100617-05
8		Service Valve - Suction	61-21368-15	61-21368-16	61-21368-16	61-21368-16
9		Service Valve - Liquid	61-101160-13	61-101160-13	61-101160-13	61-101160-13
		Touch-up Paint (Aerosol)	52-18662-48	52-18662-48	52-18662-48	52-18662-48
		Touch-up Paint (Paint Pens)	523010	523010	523010	523010

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -018 J	RAKB -024 J	RAKB -030 J	RAKB -036 J
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
10	Stk	Contactator	42-42139-05	42-42139-05	42-42139-05	42-42139-05
11		Capacitor - Compressor/Fan	See Compressor Group			

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -042 J	RAKB -048 J	RAKB -060 J	
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
10	Stk	Contactator	42-42139-05	42-42728-03	42-42478-02	
11		Capacitor - Compressor/Fan	See Compressor Group			

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -036 C	RAKB -042 C	RAKB -048 C	RAKB -060 C
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
10	Stk	Contactator	42-22464-01	42-22464-01	42-22464-01	42-22464-01
11		Capacitor - Fan Motor	See Fan Group			

	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -036 D	RAKB -042 D	RAKB -048 D	RAKB -060 D
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
10	Stk	Contactator	42-22464-01	42-22464-01	42-22464-01	42-22464-01
11		Capacitor - Fan Motor	See Fan Group			

	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -048 Y	RAKB -060 Y	RAKB -065 N	
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
10	Stk	Contactator	42-22464-01	42-22464-01	42-22464-01	
11		Capacitor - Fan Motor	See Fan Group			

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION		RAKB -018 J	RAKB -024 J	RAKB -030 J
FAN GROUP						
11		Capacitor - Compressor/Fan	See Compressor Group			
15	Stk	Fan Motor		51-100999-03	51-100999-03	51-100999-03
16	Stk	Fan Blade		70-21858-15	70-21858-15	70-21858-15

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -036 J	RAKB -042 J	RAKB -048 J	RAKB -060 J
FAN GROUP						
11		Capacitor - Compressor/Fan	See Compressor Group			
15	Stk	Fan Motor	51-100999-04	51-100999-04	51-100998-05	51-100998-05
16	Stk	Fan Blade	70-21859-06	70-21859-06	70-26166-01	70-26166-01

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -036 C	RAKB -042 C	RAKB -048 C	RAKB -060 C
FAN GROUP						
11		Capacitor - Fan Motor	43-100496-02	43-100496-02	43-100496-04	43-100496-04
15	Stk	Fan Motor	51-100999-04	51-100999-04	51-100998-05	51-100998-05
16	Stk	Fan Blade	70-21859-06	70-21859-06	70-26166-01	70-26166-01

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -036 D	RAKB -042 D	RAKB -048 D	RAKB -060 D
FAN GROUP						
11		Capacitor - Fan Motor	43-100496-02	43-100496-02	43-100496-04	43-100496-04
15	Stk	Fan Motor	51-100999-06	51-100999-06	51-100998-07	51-100998-07
16	Stk	Fan Blade	70-21859-06	70-21859-06	70-26166-01	70-26166-01

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -048 Y	RAKB -060 Y	RAKB -065 N	
FAN GROUP						
11		Capacitor - Fan Motor	43-100496-04	43-100496-04	43-100496-04	
15	Stk	Fan Motor	51-100998-10	51-100998-10	51-100998-07	
16	Stk	Fan Blade	70-26166-01	70-101321-01	70-26166-01	

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -018 J	RAKB -024 J	RAKB -030 J	RAKB -036 C/D/J
COIL GROUP						
8		Service Valve - Suction	See Panels - Miscellaneous			
9		Service Valve - Liquid	See Panels - Miscellaneous			
17	Stk	Condenser Coil	AS-100647-03	AS-100648-03	AS-59180-03	AS-58871-03
	Stk	Piston For Evaporator Coil	61-23414-51	N/A	N/A	N/A
		Distributor w/out Header Tubes - 2 way (1/2 in. to 3/8 in.)	N/A	N/A	83-19988-01	83-19988-01
		High Pressure Control	47-100326-01	47-100326-01	N/A	N/A

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -042 C/D/J	RAKB -048 C/D/J/Y	RAKB -060 C/D/J/Y	RAKB -065 N
COIL GROUP						
8		Service Valve - Suction	See Panels - Miscellaneous			
9		Service Valve - Liquid	See Panels - Miscellaneous			
17	Stk	Condenser Coil	AS-58871-03	AS-58438-03	AS-58361-03	AS-58439-03
		Piston For Evaporator Coil (J Voltage)	61-23414-73	N/A	N/A	N/A
		Distributor w/out Header Tubes - 2 way (1/2 in. to 3/8 in.)	83-19988-01	N/A	N/A	N/A
		Distributor w/out Header Tubes - 3 way (1/2 in. to 3/8 in.)	N/A	83-17467-06	83-17467-06	83-17467-06
		Distributor w/out Header Tubes - 3 way (3/8 in. to 3/8 in.)	N/A	83-17467-07	83-17467-07	83-17467-07
		High Pressure Control	N/A	N/A	N/A	47-21604-03

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -018 JAZ	RAKB -024 JAZ	RAKB -030 JAZ	RAKB -036 JAZ	RAKB -042 JAZ
COMPRESSOR GROUP							
IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number.							
		Compressor ID:	6949	6950	6951	6952	6953
18	Stk	Compressor	55-23140-03	55-23140-07	55-23155-05	55-23139-57	55-23139-41S
11	Stk	Capacitor - Compressor/Fan	43-23204-03	43-26261-04	43-26261-04	43-26261-14	43-26271-31
		Compressor ID:	7379	7380	7381		
18	Stk	Compressor	55-23155-02S	55-23155-06	55-100835-08		
11	Stk	Capacitor - Compressor/Fan	43-23204-04	43-23204-04	43-26261-11		
	Stk	Compressor Wiring Harness (Molded Plug)	45-100834-80	45-100834-80	45-100834-80		

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -036 CAZ	RAKB -042 CAS	RAKB -042 CAZ		
COMPRESSOR GROUP							
		Compressor ID:	7008	7129	7009		
18	Stk	Compressor	55-23139-58S	55-22974-49S	55-23139-71S		
11	Stk	Capacitor - Fan	See Fan Group				

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -036 DAZ	RAKB -042 DAS	RAKB -042 DAZ		
COMPRESSOR GROUP							
		Compressor ID:	7012	7132	7013		
18	Stk	Compressor	55-23139-59	55-22974-50	55-23139-72		
11	Stk	Capacitor - Fan	See Fan Group				

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -048 CAS	RAKB -048 CAZ	RAKB -060 CAS	RAKB -060 CAZ
COMPRESSOR GROUP						
		Compressor ID:	7130	7010	7131	7011
18	Stk	Compressor	55-21924-74	55-23140-40	55-22974-56S	55-23140-47
11	Stk	Capacitor - Fan	See Fan Group			

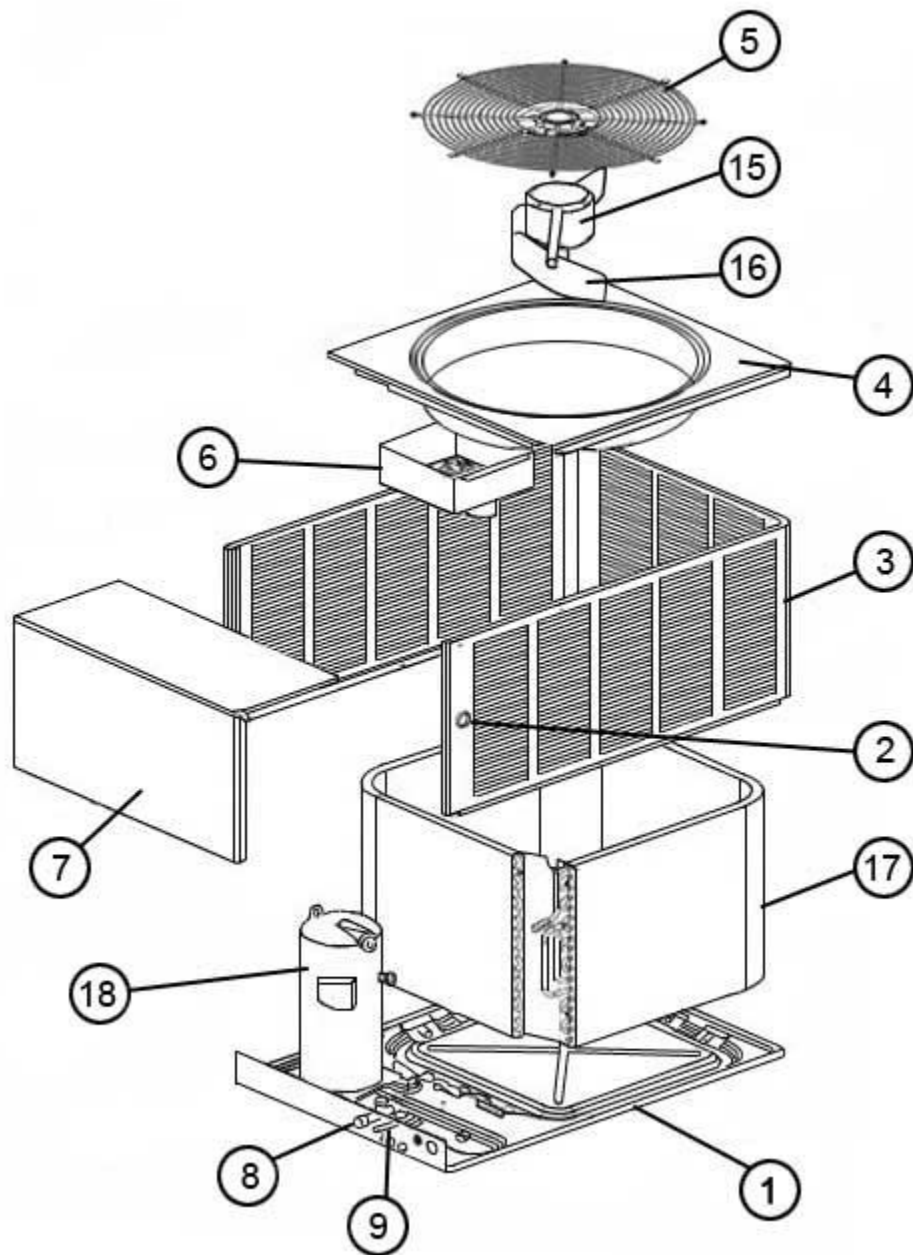
No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -048 DAS	RAKB -048 DAZ	RAKB -060 DAS	RAKB -060 DAZ
COMPRESSOR GROUP						
		Compressor ID:	7133	7014	7134	7015
18	Stk	Compressor	55-22972-45	55-23140-41	55-22974-57S	55-23140-48
11	Stk	Capacitor - Fan	See Fan Group			

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -048 JAZ	RAKB -060 JAZ		
COMPRESSOR GROUP						
IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number.						
		Compressor ID:	6954	6955		
18	Stk	Compressor	55-23140-39	55-23140-46		
11	Stk	Capacitor - Compressor/Fan	43-26271-41	43-26271-43		
		Compressor ID:	7382	7151		
18	Stk	Compressor	55-23139-18S	55-23148-33S		
11	Stk	Capacitor - Compressor/Fan	43-23204-20	43-101665-29		
	Stk	Compressor Wiring Harness (Molded Plug)	45-100834-80	N/A		
		Compressor ID:		7150		
18	Stk	Compressor		55-23148-32		
11	Stk	Capacitor - Compressor/Fan		43-23204-29		
		Compressor ID:		7383		
18	Stk	Compressor		55-23139-33S		
11	Stk	Capacitor - Compressor/Fan		43-101665-29		
	Stk	Compressor Wiring Harness (Molded Plug)		45-100834-80		

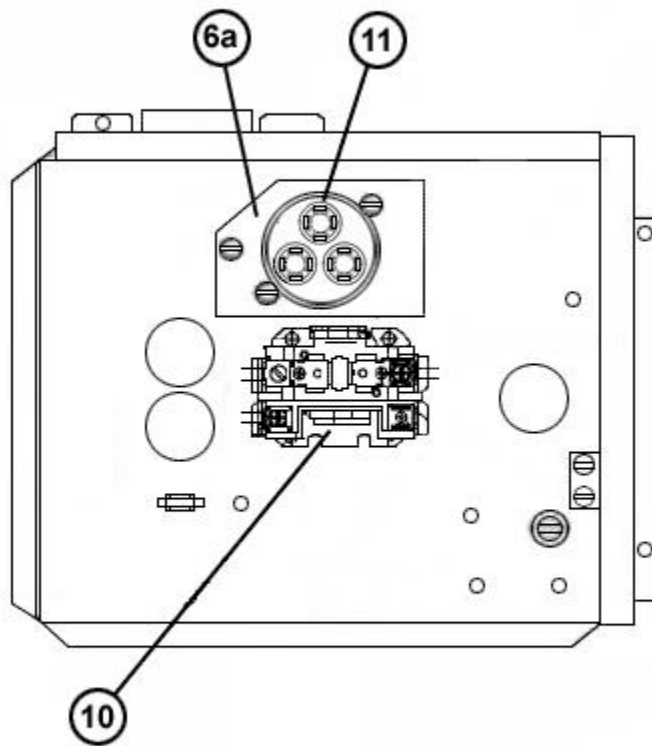
No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -048 YAS	RAKB -060 YAS		
COMPRESSOR GROUP						
		Compressor ID:	7135	7136		
18	Stk	Compressor	55-21924-76	55-22974-58S		
11	Stk	Capacitor - Fan	See Fan Group			

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RAKB -065 NAS			
COMPRESSOR GROUP						
		Compressor ID:	7149			
18	Stk	Compressor	55-23141-44			
11	Stk	Capacitor - Fan	See Fan Group			

No.	Notes	MODEL VARIATIONS	RAKB ALL
ACCESSORIES			
		Low Ambient Control	RXAD-A04
		Compressor Time Delay	RXMD-B01
		High Pressure Control	RXAB-A03
		Low Pressure Control	RXAC-A03



Exploded View



Control Box Assembly

NOTES

Stk It is recommended that stock be maintained for this part.
N/A Not Applicable

DISCLAIMER: This document is intended to provide general replacement parts information to aid qualified service personnel in the repair of these models. The complete Model and Serial Number of the unit under repair should be specified when selecting and ordering replacement parts. Specifications and illustrations are subject to change without notice. Document 92-42800-RAKB supersedes all previous parts lists for these models. See <http://www.rheempartslists.net/92-42800-RAKB> for the latest revision of this document. The manufacturer assumes no obligation for errors or omissions. Service personnel must verify the proper and safe operation of equipment after the replacement of any original components.