



RPKB

Parts List
19-July-2016



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

Heat Pumps

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MODEL NUMBER EXPLANATION

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

- | | |
|---|--|
| <p>(1) TRADEBRAND IDENTIFICATION</p> <p>(2) MODEL
P = Heat Pump</p> <p>(3) TYPE
K = High Efficiency</p> <p>(4) DESIGN SERIES / VARIATION</p> <p>(5) COOLING CAPACITY (BTU/HR)
018 = 18,000
024 = 24,000
030 = 30,000
036 = 36,000
042 = 42,000
048 = 48,000
060 = 60,000</p> | <p>(6) ELECTRICAL DESIGNATION
J = 208-230/1/60
C = 208-230/3/60
D = 460/3/60</p> <p>(7) VARIATIONS
A = Standard Model</p> <p>(8) COMPRESSOR
Z = Copeland Scroll</p> |
|---|--|

SERIAL NUMBER EXPLANATION

7	0	2	1	M	2	7	0	4	9	9	9	9	9
(1)	(2)	(3)	(4)	(5)									

- (1) **COMPRESSOR IDENTIFICATION NUMBER**
- (2) **PRODUCTION LOCATION**
M = Milledgeville, GA
- (3) **WEEK OF PRODUCTION**
- (4) **YEAR OF PRODUCTION**
- (5) **PRODUCTION NUMBER**

No.	Notes	MODEL COOLING CAPACITY	RPKB -018	RPKB -024	RPKB -030	RPKB -036
SHEET METAL PARTS, MISCELLANEOUS						
1		Base Pan	AE-58426-02	AE-58426-02	AE-58426-02	AE-58426-03
2		Button Plug	45-22980-07	45-22980-07	45-22980-07	45-22980-07
3		Cabinet	AE-100609-03	AE-100609-03	AE-100609-03	AE-100609-04
4		Top Panel	AE-100618-02	AE-100618-02	AE-100618-02	AE-100618-04
5		Grille	95-100906-02	95-100906-02	95-100906-02	95-100906-03
6		Control Box	AE-100633-01	AE-100633-01	AE-100633-01	AE-100633-01
7		Access Panel	AE-100617-03	AE-100617-03	AE-100617-03	AE-100617-04
8		Service Valve - Suction	See Coil Group			
9		Service Valve - Liquid	See Coil Group			
6		Capacitor Adapter Plate (2 in. round capacitor)	AE-54609-01	AE-54609-01	AE-54609-01	AE-54609-01
6		Capacitor Adapter Plate (2 in. X 1-1/4 in. oval capacitor)	AE-54609-02	AE-54609-02	AE-54609-02	AE-54609-02
		Capacitor Strap - Start Capacitor	AE-50892-51	AE-50892-51	AE-50892-51	AE-50892-51
		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	RPKB -042	RPKB -048	RPKB -060	
SHEET METAL PARTS, MISCELLANEOUS						
1		Base Pan	AE-58426-03	AE-58426-03	AE-58426-03	
2		Button Plug	45-22980-07	45-22980-07	45-22980-07	
3		Cabinet	AE-100609-06	AE-100609-06	AE-100609-06	
4		Top Panel	AE-100618-04	AE-100618-05	AE-100618-05	
5		Grille	95-100906-03	95-100906-04	95-100906-04	
6		Control Box	AE-100633-01	AE-100633-01	AE-100633-01	
7		Access Panel	AE-100617-06	AE-100617-06	AE-100617-06	
8		Service Valve - Suction	See Coil Group			
9		Service Valve - Liquid	See Coil Group			
6		Capacitor Adapter Plate (2 in. round capacitor)	AE-54609-01	AE-54609-01	AE-54609-01	
6		Capacitor Adapter Plate (2 in. X 1-1/4 in. oval capacitor)	AE-54609-02	AE-54609-02	AE-54609-02	
		Capacitor Strap - Start Capacitor	AE-50892-51	AE-50892-51	AE-50892-51	
		Touch-up Paint (Aerosol)	52-18662-48	52-18662-48	52-18662-48	
		Touch-up Paint (Paint Pens)	523010	523010	523010	

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -018 J	RPKB -024 J	RPKB -030 J	RPKB -036 J
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
12		Capacitor - Compressor/Fan	See Compressor Group			
11	Stk	Contactator	42-42139-05	42-42139-05	42-42139-05	42-42139-05
10	Stk	Defrost Control Board	47-21517-16	47-21517-16	47-21517-16	47-21517-16

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -042 J	RPKB -048 J	RPKB -060 J	
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
12		Capacitor - Compressor/Fan	See Compressor Group			
11	Stk	Contactator	42-42478-03	42-42478-03	42-42478-02	
10	Stk	Defrost Control Board	47-21517-16	47-21517-16	47-21517-16	

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -036 C	RPKB -042 C	RPKB -048 C	RPKB -060 C
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
12		Capacitor - Fan Motor	See Fan Group			
11	Stk	Contactator	42-22464-01	42-22464-01	42-22464-01	42-22464-01
10	Stk	Defrost Control Board	47-21517-16	47-21517-16	47-21517-16	47-21517-16

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -036 D	RPKB -042 D	RPKB -048 D	RPKB -060 D
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
12		Capacitor - Fan Motor	See Fan Group			
11	Stk	Contactator	42-22464-01	42-22464-01	42-22464-01	42-22464-01
10	Stk	Defrost Control Board	47-21517-16	47-21517-16	47-21517-16	47-21517-16
	Stk	Defrost Relay	42-19736-04	42-19736-04	42-19736-04	42-19736-04

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION		RPKB -018 J	RPKB -024 J	RPKB -030 J
FAN GROUP						
12		Capacitor - Compressor/Fan	See Compressor Group			
18	Stk	Fan Motor		51-100999-03	51-100999-03	51-100999-03
19	Stk	Fan Blade		70-21858-09	70-21858-09	70-21858-09

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -036 J	RPKB -042 J	RPKB -048 J	RPKB -060 J
FAN GROUP						
12		Capacitor - Compressor/Fan	See Compressor Group			
18	Stk	Fan Motor	51-100999-04	51-100999-04	51-100998-05	51-100998-05
19	Stk	Fan Blade	70-21858-06	70-21858-06	70-26166-01	70-26166-01

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -036 C	RPKB -042 C	RPKB -048 C	RPKB -060 C
FAN GROUP						
12	Stk	Capacitor - Fan Motor	43-100496-02	43-100496-02	43-100496-04	43-100496-04
18	Stk	Fan Motor	51-100999-04	51-100999-04	51-100998-05	51-100998-05
19	Stk	Fan Blade	70-21858-06	70-21858-06	70-26166-01	70-26166-01

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -036 D	RPKB -042 D	RPKB -048 D	RPKB -060 D
FAN GROUP						
12	Stk	Capacitor - Fan Motor	43-100496-02	43-100496-02	43-100496-04	43-100496-04
18	Stk	Fan Motor	51-100999-06	51-100999-06	51-100998-07	51-100998-07
19	Stk	Fan Blade	70-21858-06	70-21858-06	70-26166-01	70-26166-01

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -018 J	RPKB -024 J	RPKB -030 J	RPKB -036 J/C/D
COIL GROUP						
17	Stk	Condenser Coil	AS-100939-03	AS-58441-03	AS-58442-03	AS-59401-03
		Distributor - 2 way (5/8 in. to 3/8 in.)	83-17467-03	83-17467-03	N/A	N/A
		Distributor - 3 way (3/4 in. to 3/8 in.)	N/A	N/A	83-17467-05	83-17467-05
	Stk	Strainer/Flowcheck Distributor Assembly w/o Piston	61-26113-02	61-26113-02	61-26113-13	61-26113-13
	Stk	Piston - Factory Installed (J - Voltage)	61-25414-40	61-25414-41	61-25414-49	61-25414-53
	Stk	Piston - Factory Installed (C,D - Voltage)	N/A	N/A	N/A	61-25414-55
		Muffler	See Compressor Group			
	Stk	Reversing Valve	61-22881-01	61-22881-01	61-22881-02	61-22881-02
	Stk	Solenoid Coil - Reversing Valve (before date code shown)	61-22883-01 (M0605)	61-22883-01 (M0605)	61-22883-01 (M5104)	61-22883-01 (M5104)
	Stk	Solenoid Coil - Reversing Valve (on or after date code shown)	61-101713-01 (M0605)	61-101713-01 (M0605)	61-101713-03 (M5104)	61-101713-03 (M5104)
		Wiring Harness - Reversing Valve	61-26149-04	61-26149-04	61-26149-04	61-26149-04
		Accumulator	83-22459-02	83-22459-03	83-22459-04	83-22459-04
8		Service Valve - Suction	61-21368-14	61-21368-15	61-21368-15	61-21368-15
9		Service Valve - Liquid	61-21368-13	61-21368-13	61-21368-13	61-21368-13
	Stk	Filter Drier	83-41719-02	83-41719-02	83-41719-02	83-41719-02

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -042 J/C/D	RPKB -048 J/C/D	RPKB -060 J/C/D	
COIL GROUP						
17	Stk	Condenser Coil	AS-58443-03	AS-58444-03	AS-58445-03	
		Distributor - 3 way (3/4 in. to 3/8 in.)	83-17467-05	N/A	N/A	
		Distributor - 4 way (7/8 in. to 3/8 in.)	N/A	83-17467-08	83-17467-08	
	Stk	Strainer/Flowcheck Distributor Assembly w/o Piston	61-26113-13	61-26113-14	61-26113-14	
	Stk	Piston (Factory Installed)	61-25414-57	61-25414-59	61-25414-70	
		Muffler	See Compressor Group			
	Stk	Reversing Valve	61-22881-02	61-22881-03	61-22881-03	
	Stk	Solenoid Coil - Reversing Valve (before date code shown)	61-22883-01 (M5104)	61-22883-01 (M4604)	61-22883-01 (M4604)	
	Stk	Solenoid Coil - Reversing Valve (on or after date code shown)	61-101713-03 (M5104)	61-101713-03 (M4604)	61-101713-03 (M4604)	
		Wiring Harness - Reversing Valve	61-26149-04	61-26149-04	61-26149-04	
		Accumulator	83-22459-05	83-22459-08	83-22459-08	
8		Service Valve - Suction	61-21368-16	61-21368-16	61-21368-16	
9		Service Valve - Liquid	61-21368-13	61-21368-13	61-21368-13	
	Stk	Filter Drier	83-41719-02	83-41719-02	83-41719-02	

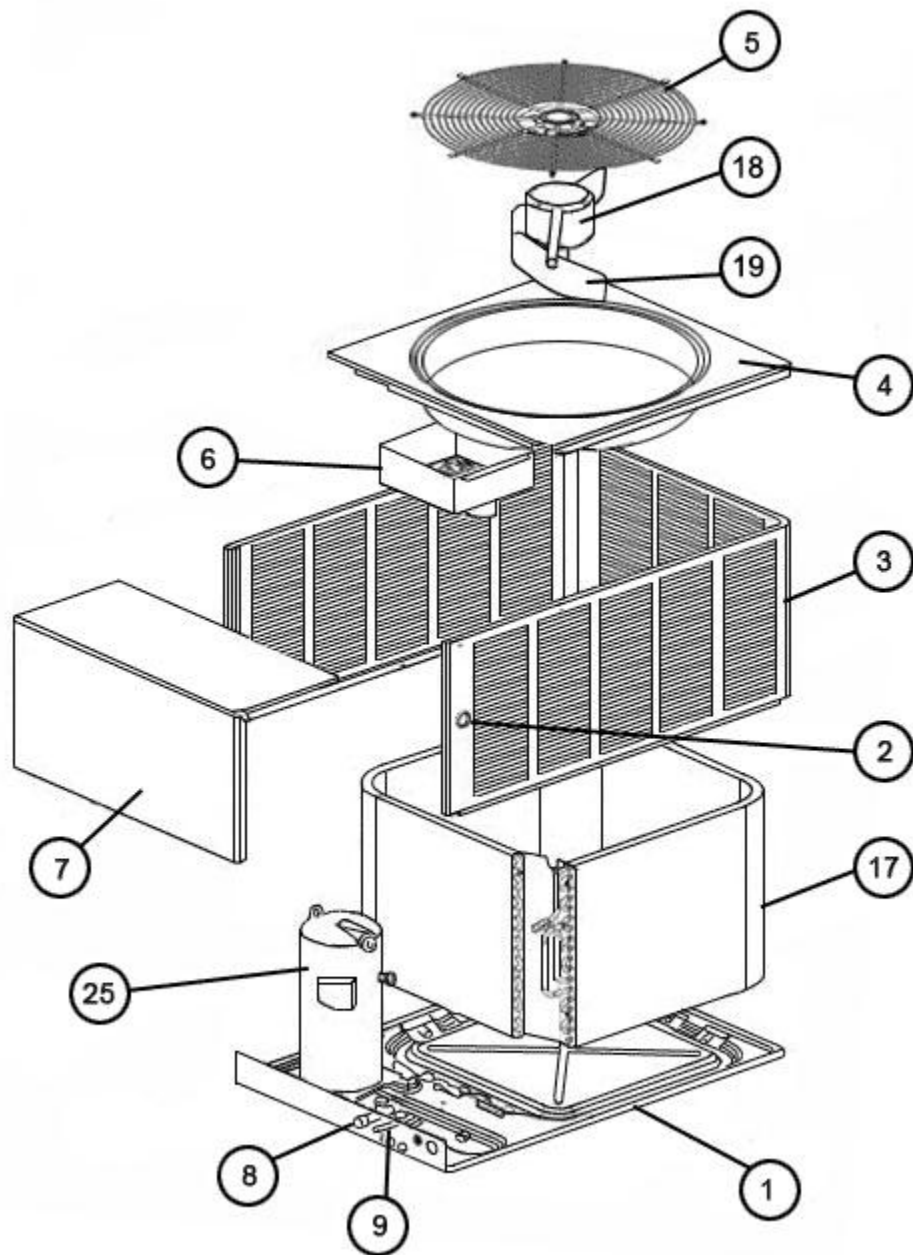
No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -018 J	RPKB -024 J	RPKB -030 J	RPKB -036 J
COMPRESSOR GROUP						
		Compressor ID:	7020	7021	7022	7023
25	Stk	Compressor	55-23140-03S	55-23140-07S	55-23140-13S	55-23140-23S
12	Stk	Capacitor - Compressor/Fan	43-23204-03	43-26261-04	43-26261-04	43-26271-08
		Muffler	83-101471-05	83-101471-05	83-101471-04	83-101471-04

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -042 J	RPKB -048 J	RPKB -060 J	
COMPRESSOR GROUP						
		Compressor ID:	7024	7025	7026	
25	Stk	Compressor	55-23140-31S	55-23140-39S	55-23139-33S	
12	Stk	Capacitor - Compressor/Fan	43-26271-08	43-26271-41	43-26261-29	
		Muffler	83-101471-04	83-101471-04	83-101471-04	

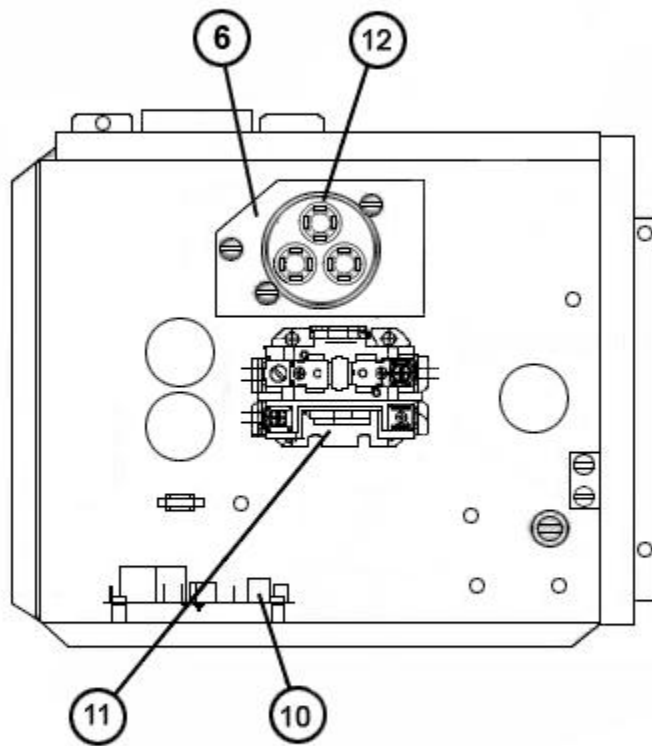
No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -036 C	RPKB -042 C	RPKB -048 C	RPKB -060 C
COMPRESSOR GROUP						
		Compressor ID:	7027	7028	7029	7030
25	Stk	Compressor	55-23139-58S	55-23139-71S	55-23140-40S	55-23139-34S
		Muffler	83-101471-04	83-101471-04	83-101471-04	83-101471-04

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	RPKB -036 D	RPKB -042 D	RPKB -048 D	RPKB -060 D
COMPRESSOR GROUP						
		Compressor ID:	7031	7032	7033	7034
25	Stk	Compressor	55-23139-59S	55-23139-72S	55-23140-41S	55-23139-35S
		Muffler	83-101471-04	83-101471-04	83-101471-04	83-101471-04

No.	Notes	MODEL VARIATIONS	RPKB ALL			
ACCESSORIES						
		Low Ambient Control	RXPZ-C01			
		Outdoor Thermostat (One Thermostat w/box)	RXPT-A01			
		Outdoor Thermostat (One Thermostat w/o box)	RXPT-A02			
		Outdoor Thermostat (One w/Heat Relay and box)	RXPT-A03			
		Outdoor Thermostat (Two Thermostats w/Heat and box)	RXPT-A04			
		High Pressure Control Kit	RXAB-C01			
		Compressor Time Delay Control	RXMD-B01			
		Blower Time Delay Control	RXMD-C02			



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-RPKB supersedes all previous parts lists for these models. See <http://www.rheempartslists.net/92-42800-RPKB> 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.