



RA13

Parts List
27-May-2015



*This parts list is current as of the above revision date.
See <http://www.rheempartslists.net/92-42801-RA13.pdf> for the current revision.*

Condensing Units

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MODEL NUMBER EXPLANATION

R	A	1	3	1	8	A	J	1	N	A
1	2	3		4		5	6	7	8	9

- | | |
|--|---|
| <p>(1) Brand</p> <p>(2) Product Category
A = Air Conditioner</p> <p>(3) Seer
13 = 13 SEER</p> <p>(4) COOLING CAPACITY (BTU/HR)
18 = 18,000
24 = 24,000
30 = 30,000
36 = 36,000
42 = 42,000
48 = 48,000
60 = 60,000</p> | <p>(5) MAJOR SERIES
A = First Design Series</p> <p>(6) VOLTAGE
J = 208-230/1/60
C = 208-230/3/60
D = 460/3/60
Y = 575/3/60</p> <p>(7) TYPE
1 = Single Stage</p> <p>(8) CONTROLS
N = Non-Communicating</p> <p>(9) MINOR SERIES
A = First Design Series
B = Second Design Series (LPC/HPC)</p> |
|--|---|

SERIAL NUMBER EXPLANATION

W	0	8	1	3	9	9	9	9
(1)	(2)	(3)	(4)					

- (1) **PLANT CODE**
W = West Nuevo Laredo
- (2) **WEEK OF PRODUCTION**
- (3) **YEAR OF PRODUCTION**
- (4) **PRODUCTION NUMBER**

Note: For Compressor Identification Number, see Compressor Code on Rating Plate

No.	Notes	MODEL COOLING CAPACITY VARIATION	RA13 18 AJ1NA/B	RA13 24 AJ1NA/B	RA13 30 AJ1NA/B	RA13 36 AC1NB	RA13 36 AJ1NA/B	RA13 42 AC1NB
SHEET METAL PARTS, MISCELLANEOUS								
1		Front Panel	AE-104456-01	AE-104456-07	AE-104456-07	AE-104456-01	AE-104456-01	AE-104456-15
2		Left Panel	AE-104456-12	AE-104456-09	AE-104456-09	AE-104456-12	AE-104456-12	AE-104456-17
3		Back Panel	AE-104456-14	AE-104456-08	AE-104456-08	AE-104456-02	AE-104456-02	AE-104456-16
4		Right Panel	AE-104456-13	AE-104456-07	AE-104456-07	AE-104456-01	AE-104456-01	AE-104456-15
5		Base Pan	68-104457-01	68-104457-01	68-104457-01	68-104457-01	68-104457-01	68-104457-01
6		Control Box	AE-104461-01	AE-104461-01	AE-104461-01	AE-104461-01	AE-104461-01	AE-104461-01
7		Control Box Cover	AS-104462-01H	AS-104462-01H	AS-104462-01H	AS-104462-01H	AS-104462-01H	AS-104462-01H
8		Control Box Bracket	AS-104460-02H	AS-104460-01H	AS-104460-01H	AS-104460-02H	AS-104460-02H	AS-104460-03H
9		Service Door	AS-104525-01H	AS-104525-01H	AS-104525-01H	AS-104525-01H	AS-104525-01H	AS-104525-01H
10		Center Post (2)	AS-104459-03H	AS-104459-01H	AS-104459-01H	AS-104459-03H	AS-104459-03H	AS-104459-05H
12		Corner Post - Solid	AS-104469-09H (2)	AS-104469-08H (1)	AS-104469-08H (1)	N/A	N/A	N/A
12		Corner Post - Louvered	AS-104469-02H (1)	AS-104469-01H (2)	AS-104469-01H (2)	AS-104469-02H (3)	AS-104469-02H (3)	AS-104469-03H (3)
13		Top Panel	AS-104458-01H	AS-104458-01H	AS-104458-01H	AS-104458-01H	AS-104458-01H	AS-104458-01H
14		Venturi	68-104464-02	68-104464-02	68-104464-02	68-104464-02	68-104464-02	68-104464-02
15		Grille	95-104620-01	95-104620-01	95-104620-01	95-104620-01	95-104620-01	95-104620-01
		Center Cap - Blank (for Grille)	91-101123-00	91-101123-00	91-101123-00	91-101123-00	91-101123-00	91-101123-00
		Service Valve - Suction	See Coil Group					
		Service Valve - Liquid	See Coil Group					
		Touch-up Paint - Granite/Steel Gray (Aerosol)	PD523018	PD523018	PD523018	PD523018	PD523018	PD523018
		Touch-up Paint - Granite/Steel Gray (Paint Pens)	PD523019	PD523019	PD523019	PD523019	PD523019	PD523019

No.	Notes	MODEL COOLING CAPACITY VARIATION	RA13 42 AJ1NA/B	RA13 48 AC1NB	RA13 48 AJ1NA/B	RA13 60 AC1NB	RA13 60 AJ1NA/B	
SHEET METAL PARTS, MISCELLANEOUS								
1		Front Panel	AE-104456-15	AE-104456-03	AE-104456-03	AE-104456-35	AE-104456-35	
2		Left Panel	AE-104456-17	AE-104456-21	AE-104456-21	AE-104456-37	AE-104456-37	
3		Back Panel	AE-104456-16	AE-104456-04	AE-104456-04	AE-104456-36	AE-104456-36	
4		Right Panel	AE-104456-15	AE-104456-03	AE-104456-03	AE-104456-35	AE-104456-35	
5		Base Pan	68-104457-01	68-104457-02	68-104457-02	68-104457-03	68-104457-03	
6		Control Box	AE-104461-01	AE-104461-01	AE-104461-01	AE-104461-01	AE-104461-01	
7		Control Box Cover	AS-104462-01H	AS-104462-01H	AS-104462-01H	AS-104462-01H	AS-104462-01H	
8		Control Box Bracket	AS-104460-03H	AS-104460-02H	AS-104460-02H	AS-104460-03H	AS-104460-03H	
9		Service Door	AS-104525-01H	AS-104525-01H	AS-104525-01H	AS-104525-01H	AS-104525-01H	
10		Center Post (2)	AS-104459-05H	AS-104459-03H	AS-104459-03H	AS-104459-05H	AS-104459-05H	
12		Corner Post - Louvered	AS-104469-03H (3)	AS-104469-02H (3)	AS-104469-02H (3)	AS-104469-03H (3)	AS-104469-03H (3)	
13		Top Panel	AS-104458-01H	AS-104458-02H	AS-104458-02H	AS-104458-03H	AS-104458-03H	
14		Venturi	68-104464-02	68-104464-04	68-104464-04	68-104464-05	68-104464-05	
15		Grille	95-104620-01	95-104620-02	95-104620-02	95-104620-03	95-104620-03	
		Center Cap - Blank (for Grille)	91-101123-00	91-101123-00	91-101123-00	91-101123-00	91-101123-00	
		Service Valve - Suction	See Coil Group					
		Service Valve - Liquid	See Coil Group					
		Touch-up Paint - Granite/Steel Gray (Aerosol)	PD523018	PD523018	PD523018	PD523018	PD523018	
		Touch-up Paint - Granite/Steel Gray (Paint Pens)	PD523019	PD523019	PD523019	PD523019	PD523019	

No.	Notes	MODEL COOLING CAPACITY VARIATION	RA13 18 AJ1NA/B	RA13 24 AJ1NA/B	RA13 30 AJ1NA/B	RA13 36 AC1NB	RA13 36 AJ1NA/B	RA13 42 AC1NB
ELECTRICAL/FAN GROUP								
20	Stk	Fan Motor	51-102008-17	51-101774-22	51-101774-27	51-101774-27	51-101774-27	51-102008-18
21	Stk	Fan Blade	70-101323-09	70-101323-37	70-101323-38	70-101323-38	70-101323-38	70-101323-37
22	Stk	Contactora	42-102664-05	42-102664-05	42-102664-05	42-102664-14	42-102664-05	42-102664-14
23		Capacitor	See Compressor Group					
23a		Capacitor Strap	AE-104562-01	AE-104562-01	AE-104562-01	AE-104562-01	AE-104562-01	AE-104562-01
25		Crankcase Heater	See Compressor Group					
26		Grounding Lug	45-19000-01	45-19000-01	45-19000-01	45-19000-01	45-19000-01	45-19000-01
		Low Ambient Control	See Accessories Group					
27	Stk	Low Pressure Control (Design Series 'B')	47-103670-08	47-103670-08	47-103670-08	47-103670-08	47-103670-08	47-103670-08
27a		Valve Body - Low Pressure Control	61-18542-01	61-18542-01	61-18542-01	61-18542-01	61-18542-01	61-18542-01
28	Stk	High Pressure Control (Design Series 'B')	47-102290-01	47-102290-01	47-102290-01	47-102290-01	47-102290-01	47-102290-01
		Start Relay	42-100491-09	N/A	N/A	N/A	N/A	N/A
		Start Capacitor	43-17075-04	N/A	N/A	N/A	N/A	N/A

No.	Notes	MODEL COOLING CAPACITY VARIATION	RA13 42 AJ1NA/B	RA13 48 AC1NB	RA13 48 AJ1NA/B	RA13 60 AC1NB	RA13 60 AJ1NA/B	
ELECTRICAL/FAN GROUP								
20	Stk	Fan Motor - Before Date Code W1215	51-102008-18	51-102008-17	51-102008-17	51-102008-07	51-102008-07	
20	Stk	Fan Motor - On or after Date Code W1215	51-102008-18	51-102008-17	51-101774-13	51-102008-07	51-102008-07	
21	Stk	Fan Blade	70-101323-37	70-102011-03	70-102011-03	70-101323-27	70-101323-27	
22	Stk	Contactora	42-102664-05	42-102664-14	42-102664-10	42-102664-14	42-102664-10	
23		Capacitor - Before Date Code W1215	See Compressor Group		43-101665-43	See Compressor Group		
23		Capacitor - On or after Date Code W1215	See Compressor Group		43-101665-53	See Compressor Group		
23a		Capacitor Strap	AE-104562-01	AE-104562-01	AE-104562-01	AE-104562-01	AE-104562-01	
25		Crankcase Heater	See Compressor Group					
26		Grounding Lug	45-19000-01	45-19000-01	45-19000-01	45-19000-01	45-19000-01	
		Low Ambient Control	See Accessories Group					
27	Stk	Low Pressure Control (Design Series 'B')	47-103670-08	47-103670-08	47-103670-08	47-103670-08	47-103670-08	
27a		Valve Body - Low Pressure Control	61-18542-01	61-18542-01	61-18542-01	61-18542-01	61-18542-01	
28	Stk	High Pressure Control (Design Series 'B')	47-102290-01	47-102290-01	47-102290-01	47-102290-01	47-102290-01	

No.	Notes	MODEL COOLING CAPACITY VARIATION	RA13 18 AJ1NA/B	RA13 24 AJ1NA/B	RA13 30 AJ1NA/B	RA13 36 AC1NB	RA13 36 AJ1NA/B	RA13 42 AC1NB
COIL GROUP								
30	Stk	Condenser Coil	AS-105288-03	AS-105309-03	AS-105310-03	AS-104889-03	AS-104889-03	AS-105322-03
31		Service Valve - Suction	61-104914-03	61-104914-03	61-104914-03	61-104914-03	61-104914-03	61-104914-04
32		Service Valve - Liquid	61-104914-01	61-104914-01	61-104914-01	61-104914-01	61-104914-01	61-104914-01
33a		Valve Core	61-18551-01	61-18551-01	61-18551-01	61-18551-01	61-18551-01	61-18551-01
33b		Valve Cap	83-100635-01	83-100635-01	83-100635-01	83-100635-01	83-100635-01	83-100635-01
27	Stk	Low Pressure Control	See Electrical Group					
28	Stk	High Pressure Control	See Electrical Group					
	Stk	Filter Drier	83-22755-12	83-22755-12	83-22755-12	83-22755-12	83-22755-12	83-22755-12

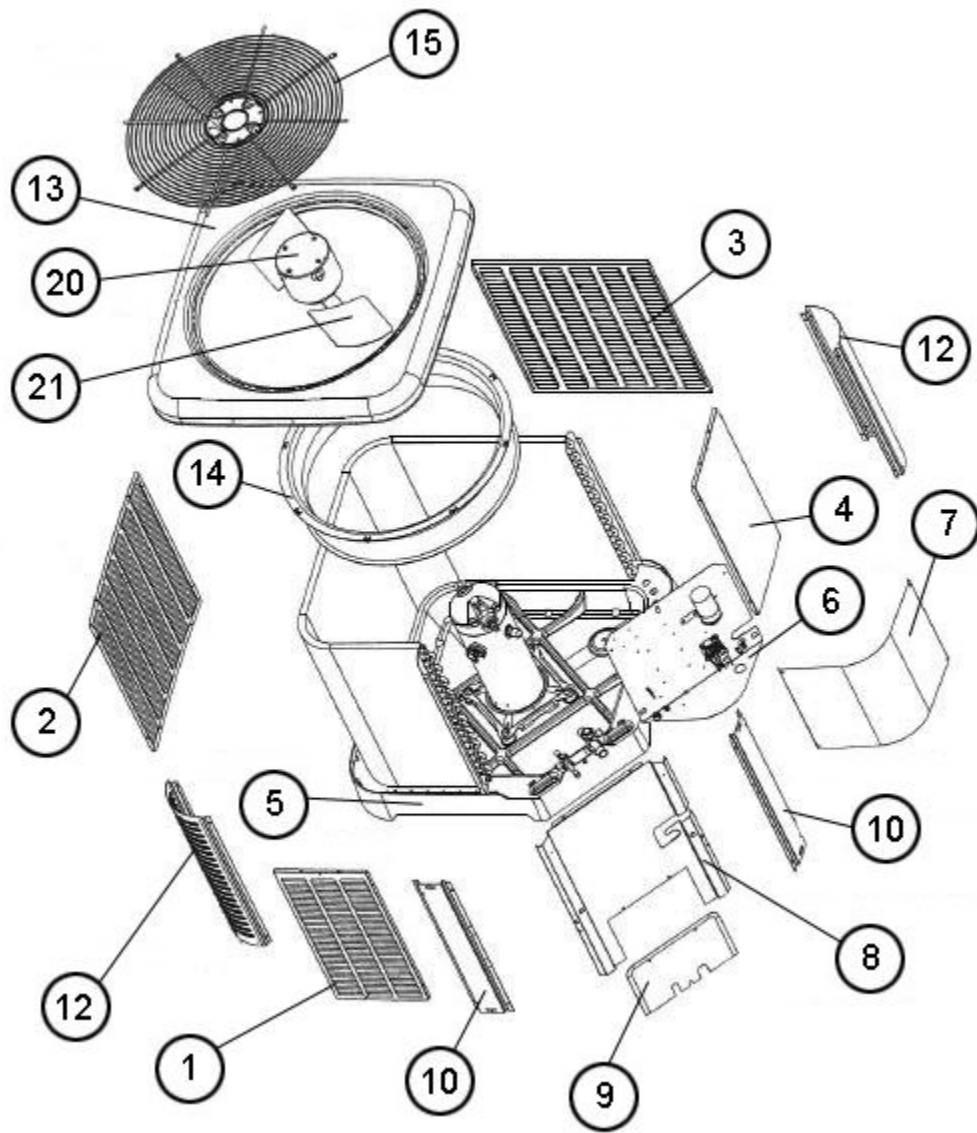
No.	Notes	MODEL COOLING CAPACITY VARIATION	RA13 42 AJ1NA/B	RA13 48 AC1NB	RA13 48 AJ1NA/B	RA13 60 AC1NB	RA13 60 AJ1NA/B	
COIL GROUP								
30	Stk	Condenser Coil	AS-105322-03	AS-105325-03	AS-105325-03	AS-105326-03	AS-105326-03	
31		Service Valve - Suction	61-104914-04	61-104914-04	61-104914-04	61-104914-04	61-104914-04	
32		Service Valve - Liquid	61-104914-01	61-104914-01	61-104914-01	61-104914-01	61-104914-01	
33a		Valve Core	61-18551-01	61-18551-01	61-18551-01	61-18551-01	61-18551-01	
33b		Valve Cap	83-100635-01	83-100635-01	83-100635-01	83-100635-01	83-100635-01	
27	Stk	Low Pressure Control	See Electrical Group					
28	Stk	High Pressure Control	See Electrical Group					
	Stk	Filter Drier	83-22755-12	83-22755-12	83-22755-12	83-22755-12	83-22755-12	

No.	Notes	MODEL COOLING CAPACITY VARIATION	RA13 18 AJ1NA/B	RA13 24 AJ1NA/B	RA13 30 AJ1NA/B	RA13 36 AC1NB	RA13 36 AJ1NA/B	RA13 42 AC1NB
COMPRESSOR GROUP								
		Compressor ID:	9085	9043	9044	9049	9045	9050
40	Stk	Compressor	55-102045-122S	55-102045-97S	55-102045-31S	55-102045-138S	55-102045-103S	55-102045-19S
		Compressor Grommet (4)	56-18518-04	56-18518-04	56-18518-04	56-18518-04	56-18518-04	56-18518-06
		Compressor Bolt (4)	63-20072-07	63-20072-07	63-20072-07	63-20072-07	63-20072-07	63-20072-07
23	Stk	Capacitor - Compressor/Fan	43-101665-40	43-101665-09	43-101665-09	N/A	43-101665-41	N/A
23	Stk	Capacitor - Fan	N/A	N/A	N/A	43-101666-58	N/A	43-101666-58
	Stk	Compressor Wiring Harness (Molded Plug)	45-100834-80	45-100834-80	45-100834-80	45-100834-80	45-100834-80	45-100834-80
25		Crankcase Heater	See Accessories					
		Filter Drier	See Coil Group					
		Compressor ID:	9042			9088	9087	
40	Stk	Compressor	55-102045-96S			55-102045-05S	55-102045-03S	
		Compressor Grommet (4)	56-18518-04			56-18518-04	56-18518-04	
		Compressor Bolt (4)	63-20072-07			63-20072-07	63-20072-07	
23	Stk	Capacitor - Compressor/Fan	43-101665-40			N/A	43-101665-41	
23	Stk	Capacitor - Fan	N/A			43-101666-58	N/A	
	Stk	Compressor Wiring Harness (Molded Plug)	45-100834-80			45-100834-80	45-100834-80	
25		Crankcase Heater	See Accessories					
		Filter Drier	See Coil Group					

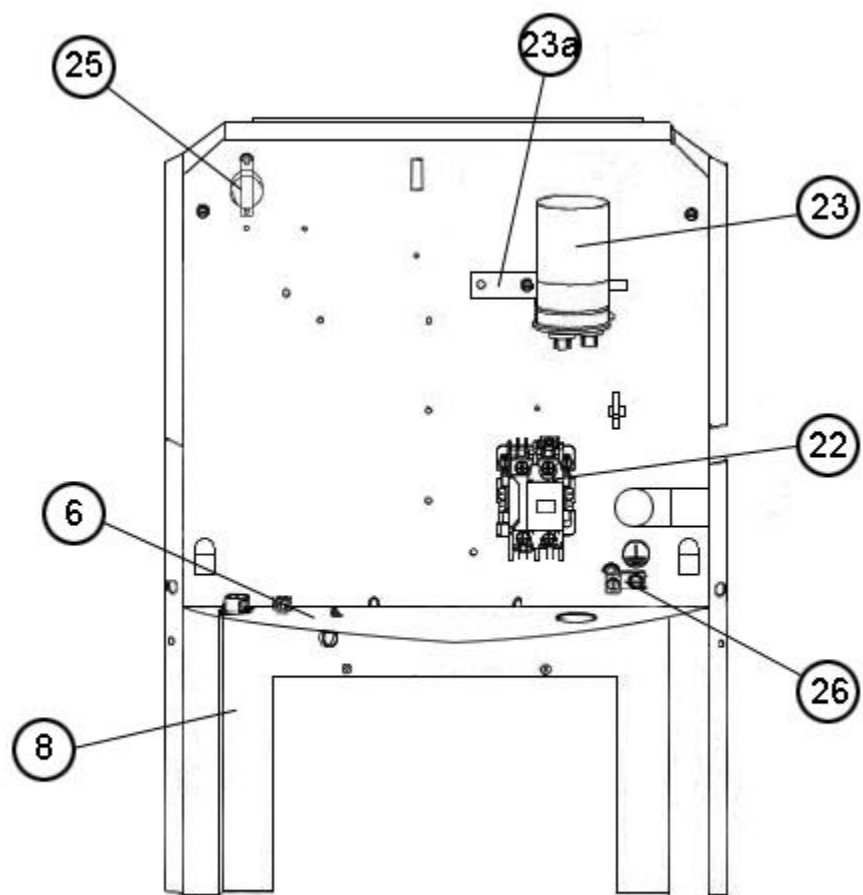
No.	Notes	MODEL COOLING CAPACITY VARIATION	RA13 42 AJ1NA/B	RA13 48 AC1NB	RA13 48 AJ1NA/B	RA13 60 AC1NB	RA13 60 AJ1NA/B	
COMPRESSOR GROUP								
		Compressor ID:	9046	9051	9047	9052	9048	
40	Stk	Compressor	55-102045-15S	55-102045-11S	55-102045-09S	55-102045-27S	55-102045-26S	
		Compressor Grommet (4)	56-18518-06	56-18518-06	56-18518-06	56-18518-06	56-18518-06	
		Compressor Bolt (4)	63-20072-07	63-20072-07	63-20072-07	63-20072-07	63-20072-07	
23	Stk	Capacitor - Compressor/Fan	43-101665-41	N/A	See Electrical/Fan Group	N/A	43-101665-47	
23		Capacitor - Fan	N/A	43-101666-58	N/A	43-101666-55	N/A	
	Stk	Compressor Wiring Harness (Molded Plug)	45-100834-80	45-100834-80	45-100834-80	45-100834-80	45-100834-80	
25		Crankcase Heater	See Accessories					
		Filter Drier	See Coil Group					

No.	Notes	MODEL COOLING CAPACITY VARIATION	RA13 18 AJ1NA/B	RA13 24 AJ1NA/B	RA13 30 AJ1NA/B	RA13 36 AC1NB	RA13 36 AJ1NA/B	RA13 42 AC1NB
ACCESSORIES								
		Low Ambient Control	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08
		Compressor Crankcase Heater	44-17402-44	44-17402-44	44-17402-44	44-17402-44	44-17402-44	44-17402-45
		Compressor Sound Cover	68-23427-26	68-23427-26	68-23427-26	68-23427-26	68-23427-26	68-23427-25
		Compressor Hard Start Kit	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1
		Low Pressure Control	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07
		High Pressure Control	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07

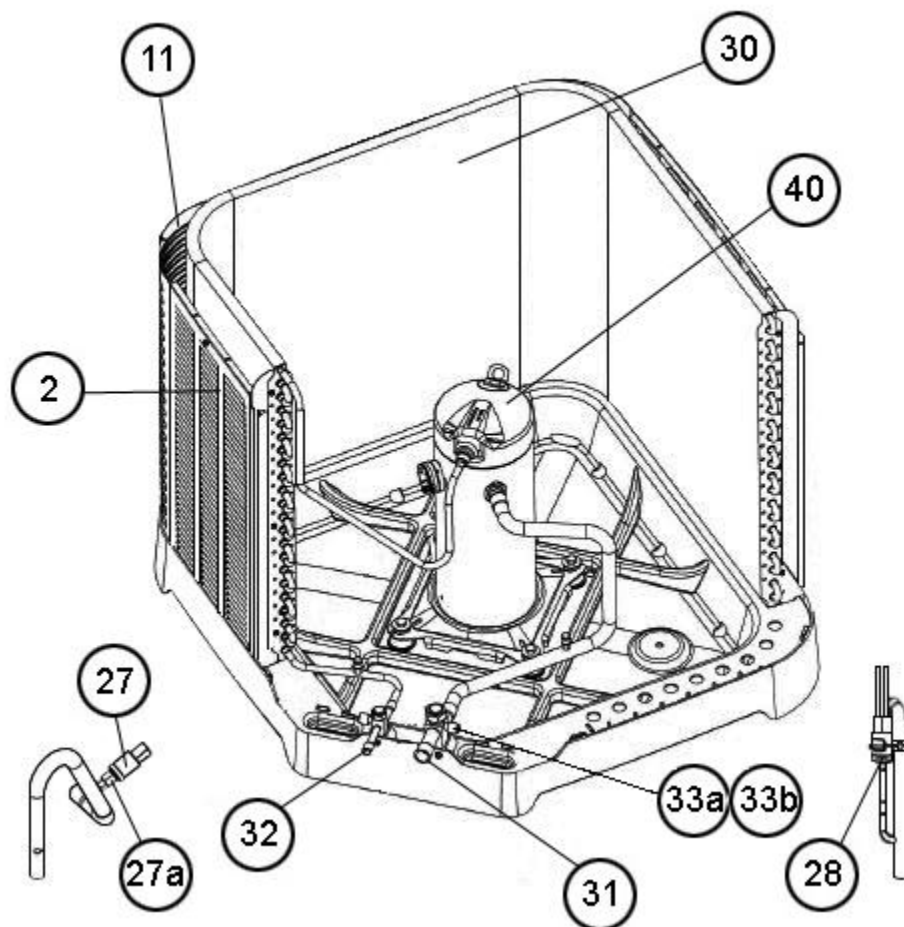
No.	Notes	MODEL COOLING CAPACITY VARIATION	RA13 42 AJ1NA/B	RA13 48 AC1NB	RA13 48 AJ1NA/B	RA13 60 AC1NB	RA13 60 AJ1NA/B	
ACCESSORIES								
		Low Ambient Control	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	
		Compressor Crankcase Heater	44-17402-45	44-17402-45	44-17402-45	44-17402-45	44-17402-45	
		Compressor Sound Cover	68-23427-25	68-23427-25	68-23427-25	68-23427-25	68-23427-25	
		Compressor Hard Start Kit	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	
		Low Pressure Control	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	
		High Pressure Control	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	



Exploded View



Control Box



Valve Mounting, Compressor

NOTES

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