



Parts List
10-March-2016



Condensing Units

Table of Contents	
Model Explanation.....	Page 3
Parts Numbers	
Panels	Page 4
Electrical-Fan Group.....	Page 5
Coil Parts	Page 6
Compressor Group	Page 7
Drawings/Photographs	
Exploded View	Page 8
Control Box.....	Page 9
Valve Mounting, Compressor	Page 10
Notes/Disclaimer	Page 11

MODEL NUMBER EXPLANATION

R	A	2	0	2	4	A	J	V	C	B
1	2	3		4		5	6	7	8	9

- | | |
|--|---|
| <p>(1) Brand
R = Rheem
U = Ruud</p> <p>(2) Product Category
A = Air Conditioner</p> <p>(3) Seer
20 = 20 SEER</p> <p>(4) 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>(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
V = Inverter</p> <p>(8) CONTROLS
C = 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	RA20 24 AJVCB	RA20 36 AJVCB	RA20 48 AJVCB	
SHEET METAL PARTS, MISCELLANEOUS						
1		Front Panel	AE-104456-28	AE-104456-28	AE-104456-49	
2		Left Panel (Panel/Label/Badge Assembly)	68-105597-08	68-105597-08	68-105597-10	
		Badge	91-104924-05	91-104924-05	91-104924-05	
		Left Panel Louver Label	91-105328-03	91-105328-03	91-105328-04	
3		Back Panel	AE-104456-29	AE-104456-29	AE-104456-50	
4		Right Panel	AE-104456-28	AE-104456-28	AE-104456-49	
5		Base Pan	68-104457-02	68-104457-02	68-104457-03	
6		Control Box	10-105640-01	10-105640-01	10-105640-01	
7		Control Box Cover	AS-104462-02H	AS-104462-02H	AS-104462-02H	
8		Control Box Bracket	AS-104460-08H	AS-104460-08H	AS-104460-10H	
9		Service Door	AS-104525-01H	AS-104525-01H	AS-104525-01H	
10		Center Post (2)	AS-104459-09H	AS-104459-09H	AS-104459-13H	
11		Corner Post	AS-104469-05H (2)	AS-104469-05H (2)	AS-104469-07H (2)	
12		Corner Post	AS-104469-05H (1)	AS-104469-05H (1)	AS-104469-07H (1)	
13		Top Panel	AS-104458-02H	AS-104458-02H	AS-104458-03H	
14		Venturi	68-104464-06	68-104464-06	68-104464-07	
15		Grille	95-104620-02	95-104620-02	95-104620-03	
		Center Cap - Blank (for Grille)	91-101123-00	91-101123-00	91-101123-00	
		Center Cap Label	91-101123-23	91-101123-23	91-101123-23	
		Service Valve - Suction	See Coil Group			
		Service Valve - Liquid	See Coil Group			
		Touch-up Paint - Granite/Steel Gray (Aerosol)	PD523018	PD523018	PD523018	
		Touch-up Paint - Granite/Steel Gray (Paint Pens)	PD523019	PD523019	PD523019	

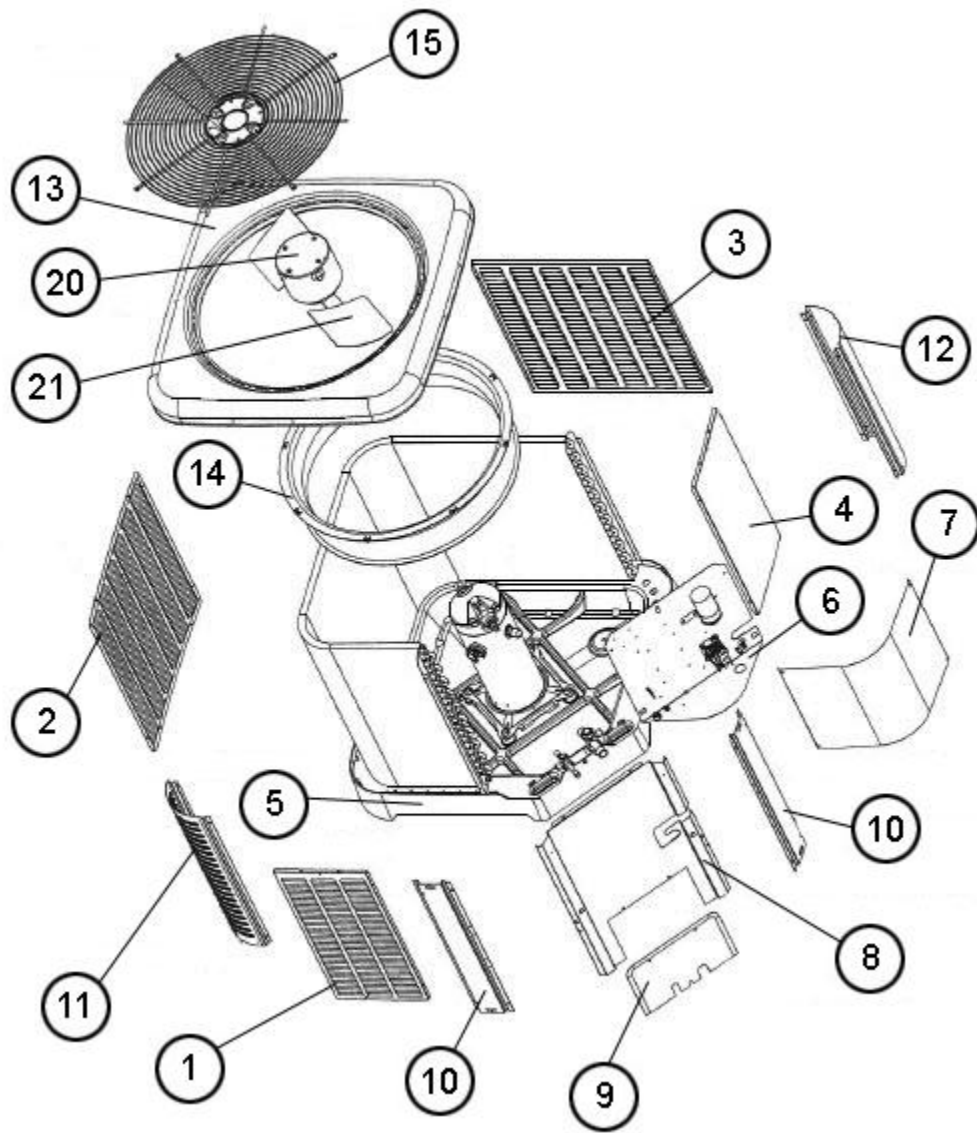
No.	Notes	MODEL COOLING CAPACITY VARIATION	RA20 24 AJVCB	RA20 36 AJVCB	RA20 48 AJVCB	
ELECTRICAL/FAN GROUP						
20	Stk	Fan Motor	51-102870-05	51-102728-17	51-105035-01	
21	Stk	Fan Blade	70-102345-08	70-102345-08	70-102345-15	
22		Ground Lug	45-19000-05	45-19000-05	45-19000-05	
24a	Stk	Variable Speed Control Board - EcoNet	47-104848-01	47-104848-01	47-104848-01	
		Control - Identity EEPROM	47-102738-113	47-102738-114	47-102738-115	
24b		EMI Filter Board	47-105222-01	47-105222-01	47-105222-01	
24c		Power Inverter Board	47-105221-02	47-105221-02	47-105221-03	
24d		Choke	46-105466-02	46-105466-02	46-105466-03	
24e		Terminal Block	45-23222-02	45-23222-02	45-23222-02	
24f		Locking Wing Push Mount Tie	64-25340-02	64-25340-02	64-25340-02	
24g		Universal Bushing	45-103252-02	45-103252-02	45-103252-02	
27	Stk	Low Pressure Transducer	47-103454-05	47-103454-05	47-103454-05	
27a		Valve Body - Low Pressure Control	61-18542-01	61-18542-01	61-18542-01	
28	Stk	High Pressure Control	47-103669-04	47-103669-04	47-103669-04	
		Discharge Sensor	47-102710-18	47-102710-18	47-102710-18	
		Sensor/Clip Assembly (Sump Sensor)	47-102710-12	47-102710-12	47-102710-22	
		Sensor/Clip Assembly - 2 Sensors	47-102710-11	47-102710-11	47-102710-23	
		Ambient Sensor	47-102709-06	47-102709-06	47-102709-06	
		Wire Harness - Control Board	45-104991-01	45-104991-01	45-104991-01	
		Wire Harness - Filter to Inverter	45-104991-03	45-104991-03	45-104991-03	
		Wire Harness - Terminal Block to Filter	45-104991-04	45-104991-04	45-104991-04	

No.	Notes	MODEL COOLING CAPACITY VARIATION	RA20 24 AJVCB	RA20 36 AJVCB
COIL GROUP				
30	Stk	Condenser Coil	AS-105647-03	AS-105655-03
31		Service Valve - Suction	61-104914-03	61-104914-03
32		Service Valve - Liquid	61-104914-05	61-104914-05
33a		Valve Core	61-18551-01	61-18551-01
33b		Valve Cap	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	83-22755-06	83-22755-06

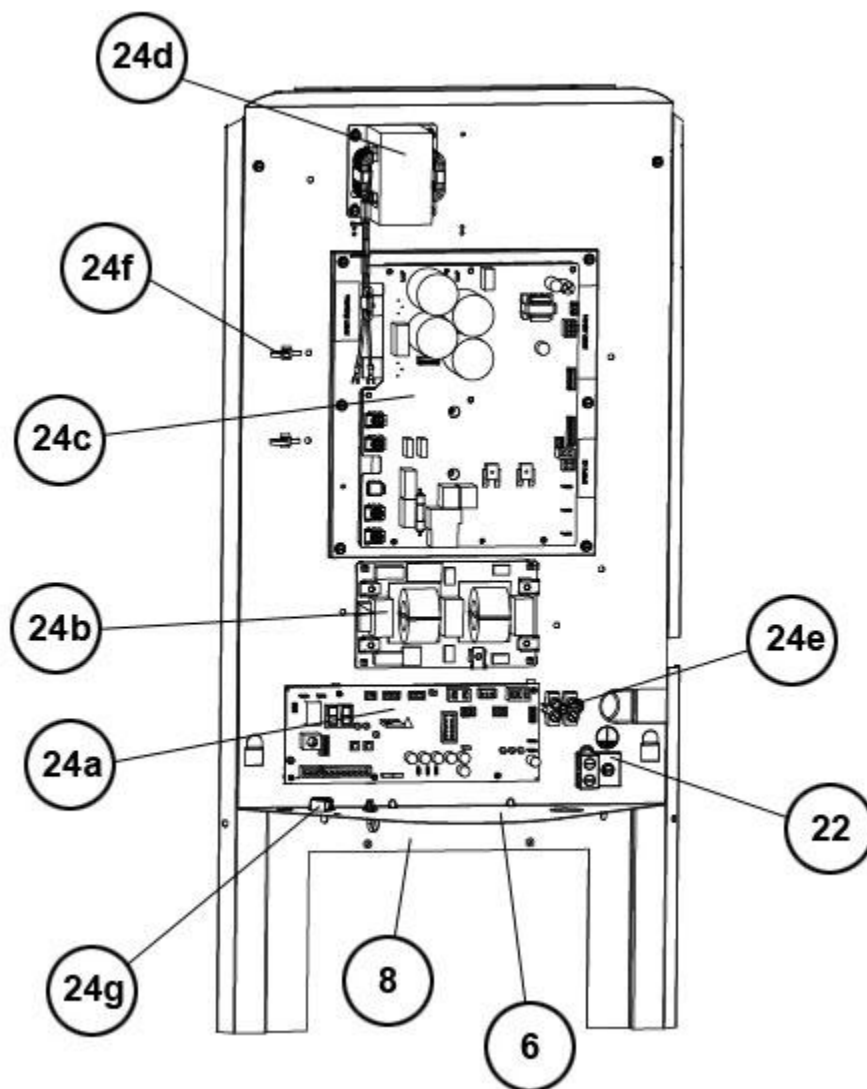
No.	Notes	MODEL COOLING CAPACITY VARIATION	RA20 48 AJVCB	
COIL GROUP				
30	Stk	Condenser Coil	AS-105662-03	
31		Service Valve - Suction	61-104914-04	
32		Service Valve - Liquid	61-104914-05	
33a		Valve Core	61-18551-01	
33b		Valve Cap	83-100635-01	
27	Stk	Low Pressure Control	See Electrical Group	
28	Stk	High Pressure Control	See Electrical Group	
	Stk	Filter Drier	83-22755-06	

No.	Notes	MODEL COOLING CAPACITY VARIATION	RA20 24 AJVCB	RA20 36 AJVCB
COMPRESSOR GROUP				
		Compressor ID:	9104	9105
40	Stk	Compressor	55-102045-105S	55-102045-105S
		Compressor Grommet (4)	56-18518-19	56-18518-19
		Compressor Bolt (4)	63-20072-07	63-20072-07
		Compressor Plug Harness	45-100834-13	45-100834-13
		Filter Drier	See Coil Group	
		Sound Enclosure - Top	68-23427-18	68-23427-18

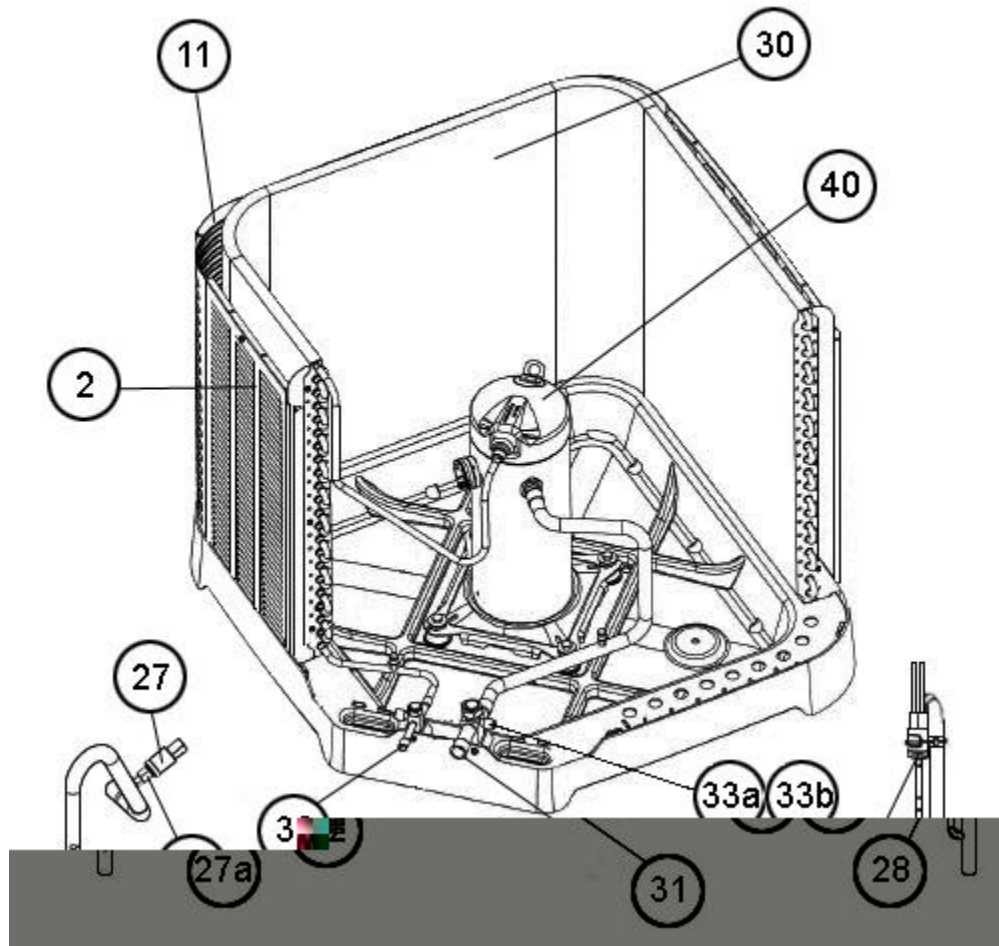
No.	Notes	MODEL COOLING CAPACITY VARIATION	RA20 48 AJVCB	
COMPRESSOR GROUP				
		Compressor ID:	9106	
40	Stk	Compressor	55-102045-106S	
		Compressor Grommet (4)	56-18518-19	
		Compressor Bolt (4)	63-20072-07	
		Compressor Plug Harness	45-100834-12	
		Filter Drier	See Coil Group	
		Sound Enclosure - Top	68-23427-18	



Exploded View



Control Box



Valve Mounting, Compressor

NOTES

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