



UPNE

Parts List
19-July-2011



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

Heat Pumps

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MODEL NUMBER EXPLANATION

U	P	N	E	-	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
N= HIGH EFFIECIENCY</p> <p>(4) DESIGN SERIES / VARIATION
E= DESIGN SERIES</p> <p>(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</p> | <p>(6) ELECTRICAL DESIGNATION
J= 208-230/1/60
C= 208-230/3/60
D= 460/3/60
Y= 575/3/60</p> <p>(7) VARIATIONS
A= STANDARD MODEL
B= COMPETITIVE MODEL</p> <p>(8) COMPRESSOR
Z= SWEAT W/ SCROLL</p> |
|--|--|

SERIAL NUMBER EXPLANATION

7	0	6	0	M	2	7	0	4	9	9	9	9	9
(1)				(2)	(3)		(4)	(5)					

- (1) COMPRESSOR IDENTIFICATION NUMBER**
- (2) PRODUCTION LOCATION**
F = FT. SMITH, AR
M = MILLEDGEVILLE, GA
- (3) WEEK OF PRODUCTION**
- (4) YEAR OF PRODUCTION**
- (5) PRODUCTION NUMBER**

No.	Notes	MODEL COOLING CAPACITY	UPNE -018	UPNE -024	UPNE -030	UPNE -036
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-100609-04	AE-100609-08	AE-100609-07
4		Top Panel - Before F1506 or M2606	AE-100618-02	AE-100618-04	AE-100618-04	AE-100618-05
4		Top Panel - After F1506 or M2606	AE-100618-02	AE-100618-05	AE-100618-05	AE-100618-05
5		Grille - Before F1506 or M2606	95-100906-02	95-101742-03	95-101742-03	95-100906-04
5		Grille - After F1506 or M2606	95-100906-02	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
6b		Capacitor Strap - Start Capacitor	AE-50892-51	AE-50892-51	AE-50892-51	AE-50892-51
7		Access Panel	AE-100617-03	AE-100617-04	AE-100617-08	AE-100617-07
8		Service Valve - Suction	61-21368-15	61-21368-15	61-21368-15	61-21368-21
9		Service Valve - Liquid	61-21368-13	61-21368-13	61-21368-13	61-21368-13
		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	UPNE -042	UPNE -048	UPNE -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-100609-07	AE-100609-07	AE-100609-07	
4		Top Panel	AE-100618-05	AE-100618-05	AE-100618-05	
5		Grille	95-100906-04	95-100906-04	95-100906-04	
6		Control Box	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	
6a		Capacitor Adapter Plate (2 in. X 1-1/4 in. oval capacitor)	AE-54609-02	AE-54609-02	AE-54609-02	
6b		Capacitor Strap - Start Capacitor	AE-50892-51	AE-50892-51	AE-50892-51	
7		Access Panel	AE-100617-07	AE-100617-07	AE-100617-07	
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	
		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	UPNE -018 J	UPNE -024 J	UPNE -030 J	UPNE -036 J
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
10	Stk	Defrost Control Board - (JAZ models)	47-21517-22	47-21517-22	47-21517-22	47-21517-22
10	Stk	Defrost Control Board - (JBZ models)	47-21517-16	47-21517-16	47-21517-16	47-21517-16
11	Stk	Contactactor	42-42139-05	42-42139-05	42-42139-05	42-42139-05
12		Capacitor - Compressor/Fan	See Compressor Group			
13		Start Relay	See Compressor Group			
14		Capacitor - Compressor Start	See Compressor Group			

No.	Notes	MODEL COOLING CAPACITY VARIATION	UPNE -042 J	UPNE -048 J	UPNE -060 J	
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
10	Stk	Defrost Control Board - (JAZ models)	47-21517-22	47-21517-22	47-21517-22	
10	Stk	Defrost Control Board - (JBZ models)	47-21517-16	47-21517-16	47-21517-16	
11	Stk	Contactactor	42-42139-05	42-42478-02	42-42478-02	
12		Capacitor - Compressor/Fan	See Compressor Group			
13		Start Relay	See Compressor Group			
14		Capacitor - Compressor Start	See Compressor Group			

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -036 C	UPNE -042 C	UPNE -048 C	UPNE -060 C
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
10	Stk	Defrost Control Board	47-21517-22	47-21517-22	47-21517-22	47-21517-22
11	Stk	Contactactor	42-22464-03	42-22464-03	42-22464-03	42-22464-03
12		Capacitor - Fan Motor	See Fan Group			

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -036 D	UPNE -042 D	UPNE -048 D	UPNE -060 D
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
10	Stk	Defrost Control Board	47-21517-22	47-21517-22	47-21517-22	47-21517-22
11	Stk	Contactactor	42-22464-03	42-22464-03	42-22464-03	42-22464-03
12	Stk	Capacitor - Fan Motor	See Fan Group			
20	Stk	Defrost Relay	42-23114-02	42-23114-02	42-23114-02	42-23114-02

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -048 Y	UPNE -060 Y		
ELECTRICAL GROUP						
		CONTROL BOX COMPONENTS:				
10	Stk	Defrost Control Board	47-21517-22	47-21517-22		
11	Stk	Contactactor	42-22464-03	42-22464-03		
12	Stk	Capacitor - Fan Motor	See Fan Group			
20	Stk	Defrost Relay	42-23114-02	42-23114-02		

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION		UPNE -018 J	UPNE -024 J	UPNE -030 J
FAN GROUP						
18	Stk	Fan Motor		51-101774-04	51-101774-02	51-101774-02
12		Capacitor - Fan Motor		See Compressor Group		
19	Stk	Fan Blade - Before F1506 or M2606		70-100580-06	70-100580-07	70-100580-07
19	Stk	Fan Blade - After F1506 or M2606		70-100580-06	70-102011-09	70-102011-09

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -036 J	UPNE -042 J	UPNE -048 J	UPNE -060 J
FAN GROUP						
18	Stk	Fan Motor	51-101774-02	51-102008-03	51-102008-03	51-102008-03
12		Capacitor - Fan Motor		See Compressor Group		
19	Stk,2	Fan Blade - See Note 2	70-100580-03	70-100580-04	70-100580-04	70-100580-04
19	2	Fan Blade - See Note 2	70-102011-03	70-102011-04	70-102011-04	70-102011-04

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -036 C	UPNE -042 C	UPNE -048 C	UPNE -060 C
FAN GROUP						
18	Stk	Fan Motor	51-101774-02	51-101774-03	51-102008-03	51-102008-03
12	Stk	Capacitor - Fan Motor	43-100496-04	43-100496-12	43-100496-12	43-100496-12
19	Stk,2	Fan Blade - See Note 2	70-100580-03	70-100580-04	70-100580-04	70-100580-04
19	2	Fan Blade - See Note 2	70-102011-03	70-102011-04	70-102011-04	70-102011-04

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -036 D	UPNE -042 D	UPNE -048 D	UPNE -060 D
FAN GROUP						
18	Stk	Fan Motor	51-101774-06	51-101774-05	51-101774-05	51-101774-05
12	Stk	Capacitor - Fan Motor	43-100496-04	43-100496-04	43-100496-04	43-100496-04
19	Stk,2	Fan Blade - See Note 2	70-100580-03	70-100580-04	70-100580-04	70-100580-04
19	2	Fan Blade - See Note 2	70-102011-03	70-102011-04	70-102011-04	70-102011-04

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -048 Y	UPNE -060 Y		
FAN GROUP						
18	Stk	Fan Motor	51-101774-10	51-101774-10		
12	Stk	Capacitor - Fan Motor	43-100496-04	43-100496-04		
19	Stk,2	Fan Blade - See Note 2	70-100580-04	70-100580-04		
19	2	Fan Blade - See Note 2	70-102011-04	70-102011-04		

No.	Notes	MODEL COOLING CAPACITY	UPNE -018	UPNE -024	UPNE -030	UPNE -036
COIL GROUP						
8		Service Valve - Suction	See Panels - Miscellaneous			
9		Service Valve - Liquid	See Panels - Miscellaneous			
17	Stk	Condenser Coil	AS-102094-03	AS-101863-03	AS-102019-03	AS-101974-03
		Distributor - 2 way (5/8 in. to 3/8 in.) - w/o Header Tubes	83-17467-03	N/A	N/A	N/A
		Distributor w/Strainer	83-102186-01	83-102186-01	83-102186-02	83-102186-02
	Stk	Filter Drier	83-41719-02	83-41719-02	83-41719-02	83-41719-02
	Stk	High Pressure Control	47-101528-01	47-101528-01	47-101528-01	47-101528-01
	Stk	Low Pressure Control	47-100543-04	47-100543-04	47-100543-04	47-100543-04
	Stk	Muffler	83-20438-04	83-20438-04	83-20438-04	83-20438-04
	Stk	Reversing Valve	61-102331-04	61-102331-04	61-101684-02	61-101684-02
		Solenoid Coil - Reversing Valve (Before M2808)	61-101713-01	61-101713-01	61-101713-01	61-101713-01
	Stk	Solenoid Coil - Reversing Valve (After M2808)	61-101713-92	61-101713-92	61-101713-92	61-101713-92
		Wiring Harness - Reversing Valve	61-26149-04	61-26149-04	61-26149-03	61-26149-01
		Charge Compensator	N/A	N/A	N/A	83-25022-01
	Stk,1	TXV - Emerson (See Note 1)	61-26019-25	61-26019-25	61-26019-26	61-26019-26
	Stk,1	TXV - Sporlan (See Note 1)	61-26018-24	61-26018-25	61-26018-26	61-26018-26
		Bulb Strainer	83-26020-04	83-26020-04	83-26020-04	83-26020-04
		Bulb Strainer	83-26020-07	83-26020-07	83-26020-07	83-26020-07

No.	Notes	MODEL COOLING CAPACITY	UPNE -042	UPNE -048		
COIL GROUP						
8		Service Valve - Suction	See Panels - Miscellaneous			
9		Service Valve - Liquid	See Panels - Miscellaneous			
17	Stk	Condenser Coil	AS-102137-03	AS-102137-03		
		Distributor w/Strainer	83-102186-02	83-102186-02		
	Stk	Filter Drier	83-41719-02	83-41719-02		
	Stk	High Pressure Control	47-101528-01	47-101528-01		
	Stk	Low Pressure Control	47-100543-04	47-100543-04		
	Stk	Muffler	83-20438-04	83-20438-04		
	Stk	Reversing Valve	61-101684-03	61-101684-03		
		Solenoid Coil - Reversing Valve (Before M2808)	61-101713-01	61-101713-01		
	Stk	Solenoid Coil - Reversing Valve (After M2808)	61-101713-92	61-101713-92		
		Wiring Harness - Reversing Valve	61-26149-03	61-26149-03		
	Stk,1	TXV - Emerson (See Note 1)	61-26019-27	61-26019-24		
	Stk,1	TXV - Sporlan (See Note 1)	61-26018-27	61-26018-27		
		Bulb Strainer	83-26020-04	83-26020-04		
		Bulb Strainer	83-26020-07	83-26020-07		

No.	Notes	MODEL COOLING CAPACITY	UPNE -060			
COIL GROUP						
8		Service Valve - Suction	See Panels - Miscellaneous			
9		Service Valve - Liquid	See Panels - Miscellaneous			
17	Stk	Condenser Coil	AS-102085-01			
		Distributor w/Strainer	83-102186-03			
	Stk	Filter Drier	83-41719-02			
	Stk	High Pressure Control	47-101528-01			
	Stk	Low Pressure Control	47-100543-04			
	Stk	Muffler	83-20438-04			
	Stk	Reversing Valve	61-101684-03			
		Solenoid Coil - Reversing Valve (Before M2808)	61-101713-01			
	Stk	Solenoid Coil - Reversing Valve (After M2808)	61-101713-92			
		Wiring Harness - Reversing Valve	61-26149-03			
	Stk	TXV/Distributor Assembly - Before date code 0506	61-102068-07			
	Stk,1	TXV - Emerson - After date code 0506 (See Note 1)	61-26019-10			
	Stk,1	TXV - Sporlan - After date code 0506 (See Note 1)	61-26018-28			
		Bulb Strainer	83-26020-04			
		Bulb Strainer	83-26020-07			

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -018 J	UPNE -024 J	UPNE -030 J	UPNE -036 J
COMPRESSOR GROUP						
		Compressor ID:	7343	7344	7345	7348
25	Stk	Compressor	55-100835-45S	55-100835-13S	55-100835-02S	55-100835-03S
	Stk	Compressor Wiring Harness (Molded Plug)	45-100834-80	45-100834-80	45-100834-80	45-100834-80
12	Stk	Capacitor - Compressor/Fan	43-26261-40	43-101665-44	43-26271-41	43-26261-15
13	Stk	Start Relay	42-18282-09	42-18282-09	42-18282-09	42-18282-09
14	Stk	Start Capacitor	43-17075-04	43-17075-04	43-17075-04	43-17075-04
		Crankcase Heater	N/A	N/A	N/A	N/A

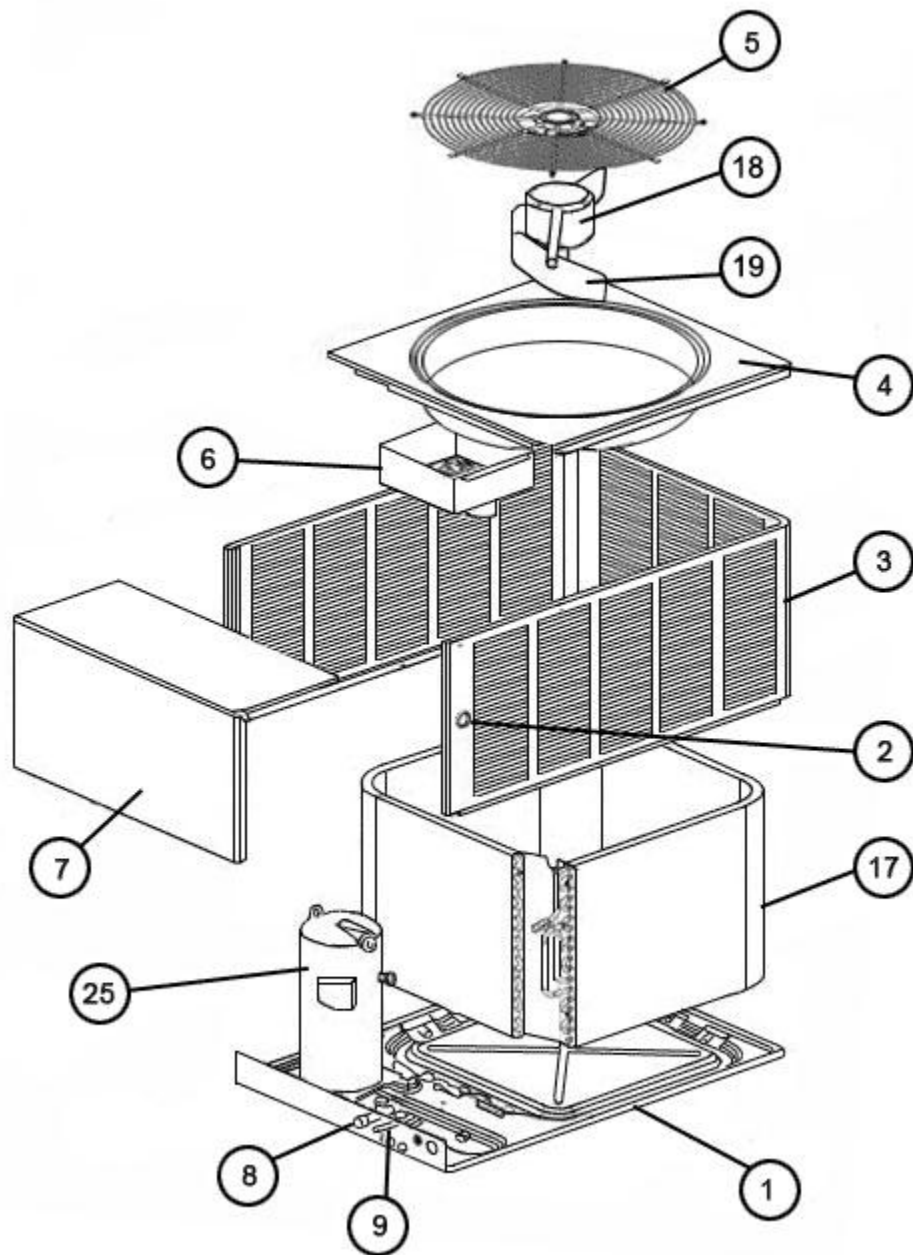
No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -042 J	UPNE -048 J	UPNE -060 J	
COMPRESSOR GROUP						
		Compressor ID:	7351	7354	7358	
25	Stk	Compressor	55-100835-04S	55-100835-05S	55-100835-06S	
	Stk	Compressor Wiring Harness (Molded Plug)	45-100834-80	45-100834-80	45-100834-80	
12	Stk	Capacitor - Compressor/Fan	43-101665-38	43-26271-45	43-26271-30	
13	Stk	Start Relay	42-18282-09	42-18282-09	42-18282-09	
14	Stk	Start Capacitor	43-17075-04	43-17075-04	43-17075-04	
	Stk	Crankcase Heater	N/A	N/A	44-101884-02	

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -036 C	UPNE -042 C	UPNE -048 C	UPNE -060 C
COMPRESSOR GROUP						
		Compressor ID:	7428	7430	7432	7434
25	Stk	Compressor	55-100835-31S	55-100835-22S	55-100835-51S	55-100835-19S
	Stk	Compressor Wiring Harness (Molded Plug)	45-100834-80	45-100834-80	45-100834-80	45-100834-80
	Stk	Crankcase Heater	44-101884-05	44-101884-05	44-101884-05	44-101884-05

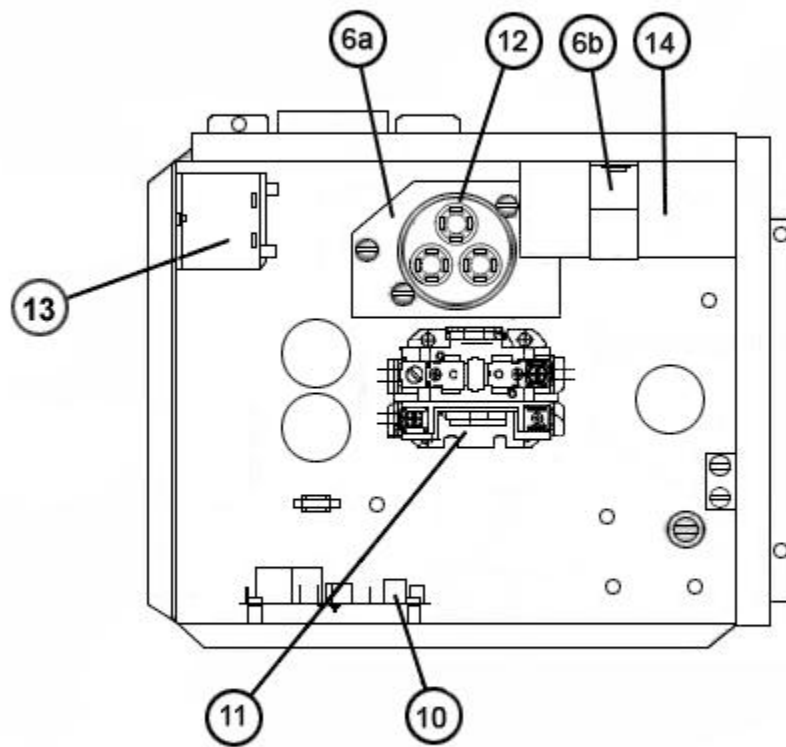
No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -036 D	UPNE -042 D	UPNE -048 D	UPNE -060 D
COMPRESSOR GROUP						
		Compressor ID:	7429	7431	7433	7435
25	Stk	Compressor	55-100835-49S	55-100835-50S	55-100835-52S	55-100835-46S
	Stk	Compressor Wiring Harness (Molded Plug)	45-100834-80	45-100834-80	45-100834-80	45-100834-80
	Stk	Crankcase Heater	44-101884-06	44-101884-06	44-101884-06	44-101884-06

No.	Notes	MODEL COOLING CAPACITY ELECTRICAL DESIGNATION	UPNE -048 Y	UPNE -060 Y		
COMPRESSOR GROUP						
		Compressor ID:	7355	7359		
25	Stk	Compressor	55-100835-57S	55-100835-55S		
	Stk	Compressor Wiring Harness (Molded Plug)	45-100834-80	45-100834-80		
	Stk	Crankcase Heater	44-101884-07	44-101884-07		

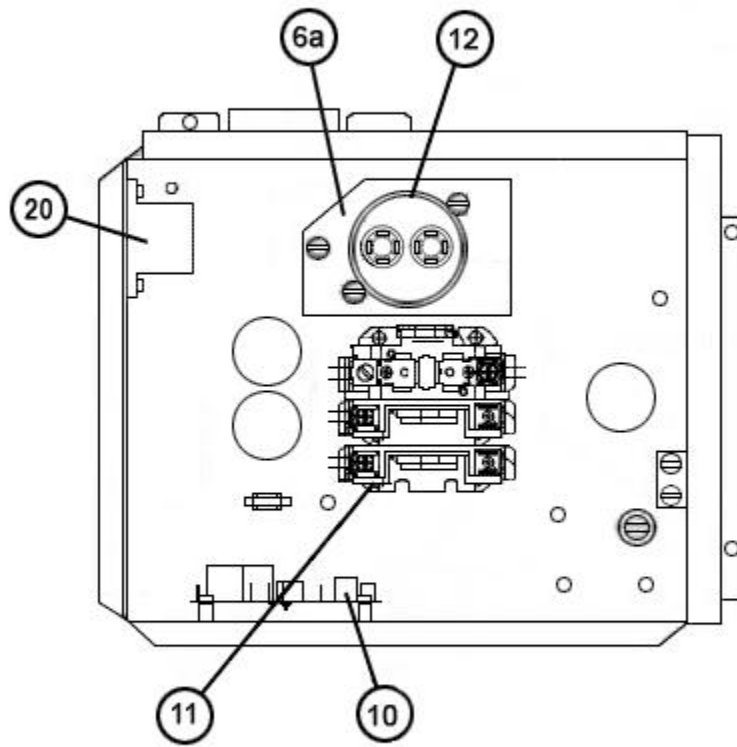
No.	Notes	MODEL VARIATIONS	UPNE ALL			
ACCESSORIES						
		Low Ambient Control	RXPZ-C01			
		Outdoor Thermostat (One Thermostat w/box)	RXPT-A01			
		Outdoor Thermostat (One Thermostat w/o box)	RXPT-A02			
		Outdoor Thermostat (One w/Heat Relay and box)	RXPT-A03			
		Outdoor Thermostat (Two Thermostats w/Heat and box)	RXPT-A04			
		Heat Pump Monitor	RXPM-B01			
		Compressor Time Delay Control	RXMD-B01			
		Enhanced Compressor Protection Kit	RXPG-A01			
		Blower Time Delay Control	RXMD-C04			



Exploded View



Control Box Assembly (J Voltage)



Control Box Assembly (C D Y Voltages)

NOTES

Stk It is recommended that stock be maintained for this part.

N/A Not Applicable

- 1 The Sporlan and Emerson valves specified for this unit may be interchanged in service. The valves are interchangeable for this specific model only.
- 2 70-100580-03 / 70-100580-04 is a 3-blade design, and 70-102011-03 / 70-102011-04 is a 2-blade design. The replacement fan blades are interchangeable on the listed units, and either may be used for replacement.