



UHPL

Parts List
07-October-2016



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

Air Handlers

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MODEL NUMBER EXPLANATION

U	H	P	L	-	HM	24	21	J	A
1	2	3	4		5	6	7	8	9

- | | | | |
|----------|---|----------|--|
| 1 | MODEL DESIGNATION | 7 | CABINET SIZE
21= 21 in.
24= 24.5 in. |
| 2 | H = AIR HANDLER | | |
| 3 | P = 16 SEER PREMIUM MODEL | 8 | VOLTAGE
J= 208-240/1/60 |
| 4 | L = R-410A | | |
| 5 | HM = A/C OR HP, MULTI-POSITION | 9 | DESIGN VARIATION
A= First Design
C= Communicating |
| 6 | CAPACITY
24= 24,000 BTU/HR
36= 36000 BTU/HR
38= 36,000 BTU/HR
48= 48,000 BTU/HR
60= 60,000 BTU/HR | | |

SERIAL NUMBER EXPLANATION

M	0	7	0	7	0	9	9	9	9
1	2	3	4						

- | | |
|----------|--|
| 1 | PRODUCTION LOCATION
M = Milledgeville, GA
W = Nuevo Laredo (West) |
| 2 | WEEK OF PRODUCTION |
| 3 | YEAR OF PRODUCTION |
| 4 | PRODUCTION NUMBER |

No.	Notes	MODEL CAPACITY CABINET SIZE VOLTAGE VARIATION	UHPL 24 21 J A	UHPL 24 21 J C	UHPL 36 21 J A	UHPL 36 21 J C	UHPL 38 21 J C
SHEET METAL PARTS, MISCELLANEOUS (Granite/Steel Gray, After Date Code: 0112 for JC / 0512 for JA)							
1		Cabinet	AE-100682-32	AE-100682-32	AE-100682-32	AE-100682-32	AE-100682-33
		Insulation - Cabinet	68-101121-02	68-101121-02	68-101121-02	68-101121-02	68-101121-03
		Insulation - Retainer (2)	45-102868-03	45-102868-03	45-102868-03	45-102868-03	45-102868-03
2		Coil Door	AE-100685-33	AE-100685-33	AE-100685-33	AE-100685-33	AE-100685-34
		Insulation - Coil Door	68-101577-07	68-101577-07	68-101577-07	68-101577-07	68-101577-08
3		Top Cover Plate	AE-100686-32	AE-100686-32	AE-100686-32	AE-100686-32	AE-100686-32
		Insulation - Top Cover Plate	68-101122-02	68-101122-02	68-101122-02	68-101122-02	68-101122-02
4		Blower Door	AE-100684-32	AE-100684-32	AE-100684-32	AE-100684-32	AE-100684-32
		Insulation - Blower Door	68-101576-02	68-101576-02	68-101576-02	68-101576-02	68-101576-02
		Gasket (Blower and Coil Doors)	68-42246-03	68-42246-03	68-42246-03	68-42246-03	68-42246-03
5		Access Panel	AE-101133-31	AE-101133-31	AE-101133-31	AE-101133-31	AE-101133-31
		Insulation - Access Panel	68-101644-01	68-101644-01	68-101644-01	68-101644-01	68-101644-01
6		Drain Pan - Vertical	See RCSM Coil Parts List				
7		Drain Pan - Horizontal	See RCSM Coil Parts List				
8		Plate - Block Off	AE-100455-01	AE-100455-01	AE-100455-01	AE-100455-01	AE-100455-01
9		Cabinet Brace	AE-101134-03	AE-101134-03	AE-101134-03	AE-101134-03	AE-101134-03
10		Middle Brace	AE-101054-02	AE-101054-02	AE-101054-02	AE-101054-02	AE-101054-02
13a		Heat Barrier	AE-100683-05	AE-100683-05	AE-100683-05	AE-100683-05	AE-100683-06
13b		Heat Barrier Side (2)	AE-104241-01	AE-104241-01	AE-104241-01	AE-104241-01	AE-104241-01

No.	Notes	MODEL CAPACITY CABINET SIZE VOLTAGE VARIATION	UHPL 48 24 J A	UHPL 48 24 J C	UHPL 60 24 J A	UHPL 60 24 J C	
SHEET METAL PARTS, MISCELLANEOUS (Granite/Steel Gray, After Date Code: 0112 for JC / 0512 for JA)							
1		Cabinet	AE-100682-35	AE-100682-35	AE-100682-35	AE-100682-35	
		Insulation - Cabinet	68-101121-04	68-101121-04	68-101121-04	68-101121-04	
		Insulation - Retainer (2)	45-102868-04	45-102868-04	45-102868-04	45-102868-04	
2		Coil Door	AE-100685-36	AE-100685-36	AE-100685-36	AE-100685-36	
		Insulation - Coil Door	68-101577-09	68-101577-09	68-101577-09	68-101577-09	
3		Top Cover Plate	AE-100686-33	AE-100686-33	AE-100686-33	AE-100686-33	
		Insulation - Top Cover Plate	68-101122-03	68-101122-03	68-101122-03	68-101122-03	
4		Blower Door	AE-100684-33	AE-100684-33	AE-100684-33	AE-100684-33	
		Insulation - Blower Door	68-101576-03	68-101576-03	68-101576-03	68-101576-03	
		Gasket (Blower and Coil Doors)	68-42246-03	68-42246-03	68-42246-03	68-42246-03	
5		Access Panel	AE-101133-31	AE-101133-31	AE-101133-31	AE-101133-31	
		Insulation - Access Panel	68-101644-01	68-101644-01	68-101644-01	68-101644-01	
6		Drain Pan - Vertical	See RCSM Coil Parts List				
7		Drain Pan - Horizontal	See RCSM Coil Parts List				
8		Plate - Block Off	AE-100455-01	AE-100455-01	AE-100455-01	AE-100455-01	
9		Cabinet Brace	AE-101134-04	AE-101134-04	AE-101134-04	AE-101134-04	
10		Middle Brace	AE-101054-03	AE-101054-03	AE-101054-03	AE-101054-03	
13a		Heat Barrier	AE-100683-08	AE-100683-08	AE-100683-08	AE-100683-08	
13b		Heat Barrier Side (2)	AE-104241-01	AE-104241-01	AE-104241-01	AE-104241-01	

No.	Notes	MODEL CAPACITY CABINET SIZE VOLTAGE VARIATION	UHPL 24 21 J A	UHPL 24 21 J C	UHPL 36 21 J A	UHPL 36 21 J C
SHEET METAL PARTS, MISCELLANEOUS (Neutra Green, Before Date Code: 0112 for JC / 0512 for JA)						
1		Cabinet	AE-100682-02	AE-100682-02	AE-100682-02	AE-100682-02
		Insulation - Cabinet	68-101121-02	68-101121-02	68-101121-02	68-101121-02
		Insulation - Retainer (2)	45-102868-03	45-102868-03	45-102868-03	45-102868-03
2		Coil Door	AE-100685-03	AE-100685-03	AE-100685-03	AE-100685-03
		Insulation - Coil Door	68-101577-07	68-101577-07	68-101577-07	68-101577-07
3		Top Cover Plate	AE-100686-02	AE-100686-02	AE-100686-02	AE-100686-02
		Insulation - Top Cover Plate	68-101122-02	68-101122-02	68-101122-02	68-101122-02
4		Blower Door	AE-100684-02	AE-100684-02	AE-100684-02	AE-100684-02
		Insulation - Blower Door	68-101576-02	68-101576-02	68-101576-02	68-101576-02
		Gasket (Blower and Coil Doors)	68-42246-03	68-42246-03	68-42246-03	68-42246-03
5		Access Panel	AE-101133-01	AE-101133-01	AE-101133-01	AE-101133-01
		Insulation - Access Panel	68-101644-01	68-101644-01	68-101644-01	68-101644-01
6		Drain Pan - Vertical	See RCSM Coil Parts List			
7		Drain Pan - Horizontal	See RCSM Coil Parts List			
8		Plate - Block Off	AE-100455-01	AE-100455-01	AE-100455-01	AE-100455-01
9		Cabinet Brace	AE-101134-03	AE-101134-03	AE-101134-03	AE-101134-03
10		Middle Brace	AE-101054-02	AE-101054-02	AE-101054-02	AE-101054-02
13a		Heat Barrier	AE-100683-05	AE-100683-05	AE-100683-05	AE-100683-05
13b		Heat Barrier Side (2)	AE-104241-01	AE-104241-01	AE-104241-01	AE-104241-01

No.	Notes	MODEL CAPACITY CABINET SIZE VOLTAGE VARIATION	UHPL 48 24 J A	UHPL 48 24 J C	UHPL 60 24 J A	UHPL 60 24 J C
SHEET METAL PARTS, MISCELLANEOUS (Neutra Green, Before Date Code: 0112 for JC / 0512 for JA)						
1		Cabinet	AE-100682-05	AE-100682-05	AE-100682-05	AE-100682-05
		Insulation - Cabinet	68-101121-04	68-101121-04	68-101121-04	68-101121-04
		Insulation - Retainer (2)	45-102868-04	45-102868-04	45-102868-04	45-102868-04
2		Coil Door	AE-100685-06	AE-100685-06	AE-100685-06	AE-100685-06
		Insulation - Coil Door	68-101577-09	68-101577-09	68-101577-09	68-101577-09
3		Top Cover Plate	AE-100686-03	AE-100686-03	AE-100686-03	AE-100686-03
		Insulation - Top Cover Plate	68-101122-03	68-101122-03	68-101122-03	68-101122-03
4		Blower Door	AE-100684-03	AE-100684-03	AE-100684-03	AE-100684-03
		Insulation - Blower Door	68-101576-03	68-101576-03	68-101576-03	68-101576-03
		Gasket (Blower and Coil Doors)	68-42246-03	68-42246-03	68-42246-03	68-42246-03
5		Access Panel	AE-101133-01	AE-101133-01	AE-101133-01	AE-101133-01
		Insulation - Access Panel	68-101644-01	68-101644-01	68-101644-01	68-101644-01
6		Drain Pan - Vertical	See RCSM Coil Parts List			
7		Drain Pan - Horizontal	See RCSM Coil Parts List			
8		Plate - Block Off	AE-100455-01	AE-100455-01	AE-100455-01	AE-100455-01
9		Cabinet Brace	AE-101134-04	AE-101134-04	AE-101134-04	AE-101134-04
10		Middle Brace	AE-101054-03	AE-101054-03	AE-101054-03	AE-101054-03
13a		Heat Barrier	AE-100683-08	AE-100683-08	AE-100683-08	AE-100683-08
13b		Heat Barrier Side (2)	AE-104241-01	AE-104241-01	AE-104241-01	AE-104241-01

No.	Notes	MODEL CAPACITY CABINET SIZE VOLTAGE VARIATION	UHPL 24 21 J C	UHPL 36 21 J C	UHPL 38 21 J C	UHPL 48 24 J C	UHPL 60 24 J C
BLOWER GROUP							
15	Stk	Blower Assembly (Includes items 16-22)	AS-101885-11	AS-101885-12	AS-101885-20	AS-101885-13	AS-101885-13
16		Mounting Bracket - Control Board	AE-101049-01	AE-101049-01	AE-101049-01	AE-101049-01	AE-101049-01
17		Transformer	See Electrical Group				
18		Control Board - ECM	See Electrical Group				
19		Blower Housing w/Wheel	70-101729-02	70-101729-02	70-101729-08	70-101729-04	70-101729-04
	Stk	Blower Wheel	703014	703014	703023	703015	703015
20		Motor Mount - Band	70-19927-04	70-19927-04	70-19927-04	70-19927-04	70-19927-04
21		Motor Mount - Arm (4)	70-19929-10	70-19929-10	70-19929-10	70-19929-10	70-19929-10
22	Stk,1	Blower Motor - ECM (See Note 1)	51-102601-01	51-102602-01	51-102602-01	51-102603-01	51-102603-01
	Stk,1	ECM Motor Module - U.S. Motors PerfectSpeed (See Note 1)	51-104362-04	51-104362-03	51-104362-03	51-104362-02	51-104362-02
	Stk,1	ECM Motor Module - Genteq ECM 3.0 (See Note 1)	51-103225-01	51-103226-01	51-103226-01	51-103224-01	51-103224-01
		Wiring Harness - Indoor Blower Motor	See Electrical Group				
23		Mounting Bracket Cover	AE-101797-01	AE-101797-01	AE-101797-01	AE-101797-01	AE-101797-01

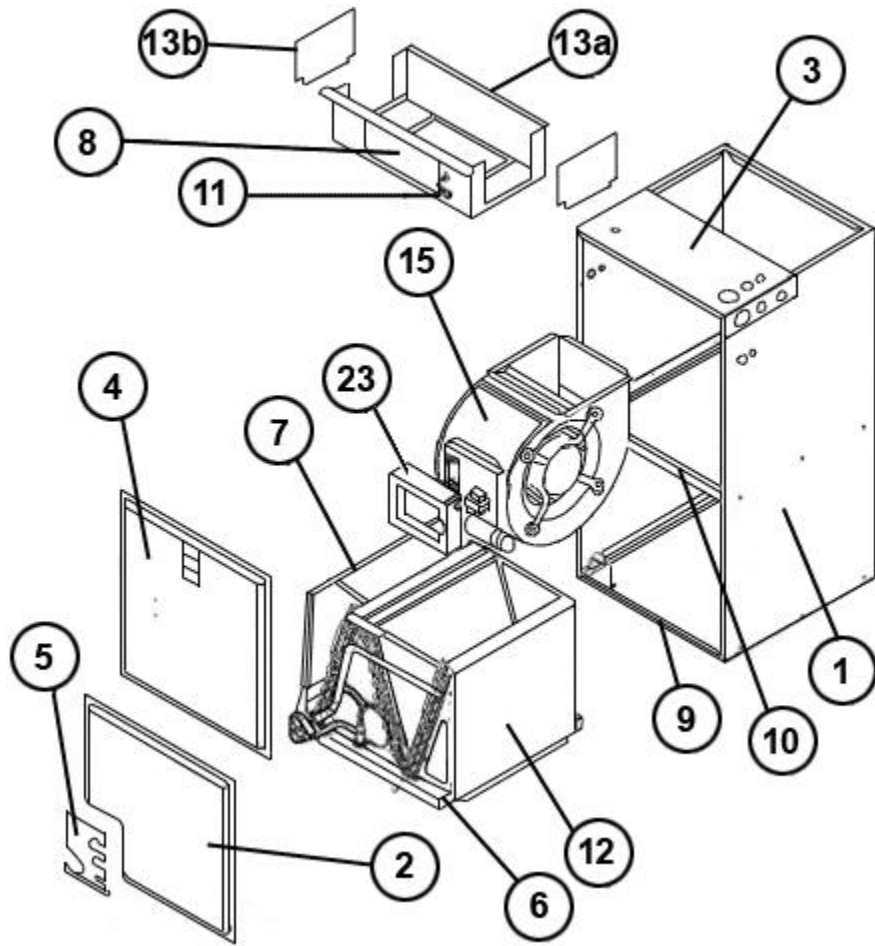
No.	Notes	MODEL CAPACITY CABINET SIZE VOLTAGE VARIATION	UHPL 24 21 J A	UHPL 36 21 J A	UHPL 48 24 J A	UHPL 60 24 J A	
BLOWER GROUP							
15	Stk	Blower Assembly (Includes items 16-22)	AS-101885-05	AS-101885-06	AS-101885-07	AS-101885-08	
16		Mounting Bracket - Control Board	AE-101049-01	AE-101049-01	AE-101049-01	AE-101049-01	
17		Transformer	See Electrical Group				
18		Control Board - ECM	See Electrical Group				
19		Blower Housing w/Wheel	70-101729-02	70-101729-02	70-101729-04	70-101729-04	
	Stk	Blower Wheel	703014	703014	703015	703015	
20		Motor Mount - Band	70-19927-04	70-19927-04	70-19927-04	70-19927-04	
21		Motor Mount - Arm (4)	70-19929-10	70-19929-10	70-19929-10	70-19929-10	
22	Stk	Blower Motor - ECM (Includes Motor and Module)	51-24373-09	51-24374-25	51-24375-18	51-24375-19	
	Stk	ECM Motor Module	51-24381-97	51-24382-105	51-24384-108	51-24384-98	
		Wiring Harness - Indoor Blower Motor	See Electrical Group				
23		Mounting Bracket Cover	AE-101797-01	AE-101797-01	AE-101797-01	AE-101797-01	

No.	Notes	MODEL CAPACITY CABINET SIZE VOLTAGE VARIATION	UHPL 24 21 J A	UHPL 24 21 J C	UHPL 36 21 J A	UHPL 36 21 J C	UHPL 38 21 J C
ELECTRICAL GROUP							
17	Stk	Transformer	46-101944-03	46-101944-03	46-101944-03	46-101944-03	46-101944-03
18	Stk	Control Board - ECM	47-102077-03	47-102606-00	47-102077-03	47-102606-00	47-102606-01
		Control - Identity EEPROM (Before W0111)	N/A	47-102738-34	N/A	47-102738-35	N/A
		Control - Identity EEPROM (On or After W0111)	N/A	47-102738-42	N/A	47-102738-43	47-102738-50
		Wiring Harness - 5 pin to 3 terminals (2 straight/1 ring), 3 wires from plug	45-24258-16	45-24258-16	45-24258-16	45-24258-16	45-24258-16
		Wiring Harness - 9 pin to 9 strip leads (For T-Stat)	45-101891-02	N/A	45-101891-02	N/A	N/A
		Wiring Harness - 16 pin to 16 pin (Indoor Blower Motor)	45-24258-14	N/A	45-24258-14	N/A	N/A
		Wiring Harness - 4 pin to 4 pin (Indoor Blower Motor)	N/A	45-24258-25	N/A	45-24258-25	45-24258-25
		Wiring Harness - 11 pin to 11 strip leads (T-stat)	N/A	45-101891-04	N/A	45-101891-04	45-101891-04
11		Terminal Block	45-23222-02	45-23222-02	45-23222-02	45-23222-02	45-23222-02

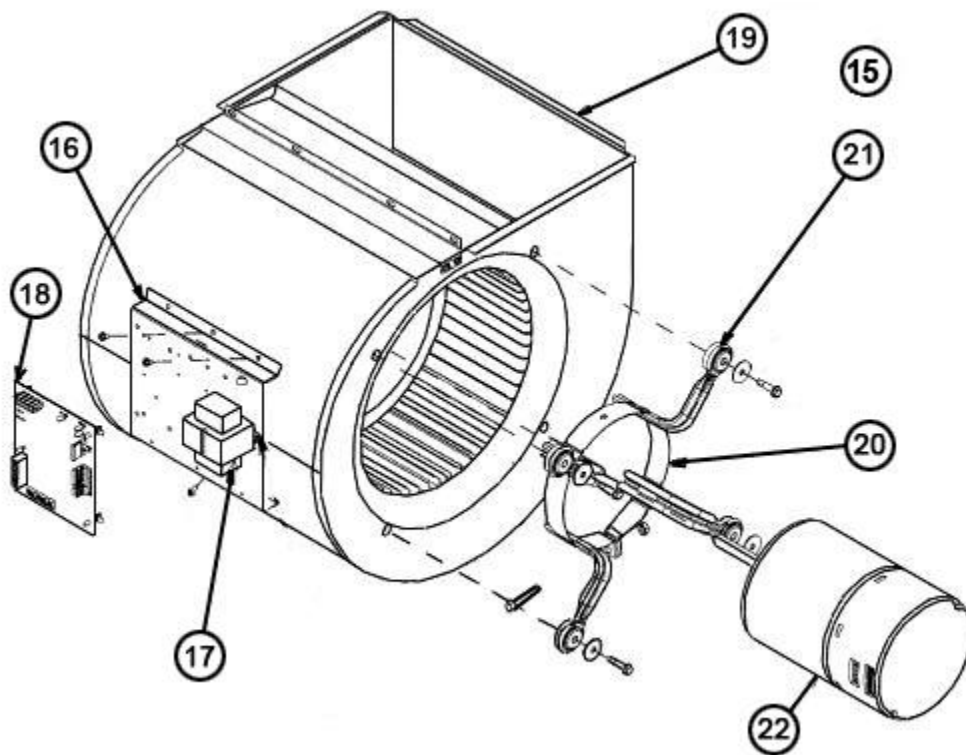
No.	Notes	MODEL CAPACITY CABINET SIZE VOLTAGE VARIATION	UHPL 48 24 J A	UHPL 48 24 J C	UHPL 60 24 J A	UHPL 60 24 J C	
ELECTRICAL GROUP							
17	Stk	Transformer	46-101944-03	46-101944-03	46-101944-03	46-101944-03	
18	Stk	Control Board - ECM	47-102077-03	47-102606-00	47-102077-03	47-102606-00	
		Control - Identity EEPROM (Before W0111)	N/A	47-102738-36	N/A	47-102738-37	
		Control - Identity EEPROM (On or After W0111)	N/A	47-102738-44	N/A	47-102738-45	
		Wiring Harness - 5 pin to 3 terminals (2 straight/1 ring), 3 wires from plug	45-24258-16	45-24258-16	45-24258-16	45-24258-16	
		Wiring Harness - 9 pin to 9 strip leads (For T-Stat)	45-101891-02	N/A	45-101891-02	N/A	
		Wiring Harness - 16 pin to 16 pin (Indoor Blower Motor)	45-24258-14	N/A	45-24258-14	N/A	
		Wiring Harness - 4 pin to 4 pin (Indoor Blower Motor)	N/A	45-24258-25	N/A	45-24258-25	
		Wiring Harness - 11 pin to 11 strip leads (T-stat)	N/A	45-101891-04	N/A	45-101891-04	
11		Terminal Block	45-23222-02	45-23222-02	45-23222-02	45-23222-02	

No.	Notes	MODEL CAPACITY CABINET SIZE VOLTAGE	UHPL 24 21 J	UHPL 36 21 J	UHPL 38 21 J	UHPL 48 24 J	UHPL 60 24 J
COIL GROUP							
12		Replacement Coil w/TXV - Before Date Code Shown	RCSM-HM2421AU (4009)	RCSM-HM3621AU (0809)	N/A	RCSM-HM4824AU (2309)	RCSM-HM6024AU (4109)
12		Replacement Coil w/TXV - During Date Code Shown	RCSM-HM2421CU (4009 - 2710)	RCSM-HU3621CU (0809 - 2311)	N/A	RCSM-HM4824CU (2309 - 2311)	RCSM-HM6024CU (4109 - 2311)
12		Replacement Coil w/TXV - On or After Date Code Shown	RCSL-HM2621CU (2710)	RCSL-HU3621CU (2311)	RCSL-HM3821CU (N/A)	RCSL-HU4824CU (2311)	RCSL-HU6024CU (2311)
		Drain Pan	See specified RCSM Coil Parts List				
		TXV	See specified RCSM Coil Parts List				

No.	Notes	MODEL CAPACITY CABINET SIZE VOLTAGE	UHPL 24 21 J	UHPL 36 21 J	UHPL 38 21 J	UHPL 48 24 J	UHPL 60 24 J
HEATER KITS							
		Heater Kit - 5kW	RXBH-24A05J RXBH-1724A05J RXBH-1724B05J RXBH-1724C05J	RXBH-24A05J RXBH-1724A05J RXBH-1724B05J RXBH-1724C05J	RXBH-24A05J RXBH-1724A05J RXBH-1724B05J RXBH-1724C05J	RXBH-24A05J RXBH-1724A05J RXBH-1724B05J RXBH-1724C05J	RXBH-24A05J RXBH-1724A05J RXBH-1724B05J RXBH-1724C05J
		Heater Kit - 7kW	RXBH-24A07J RXBH-1724A07J RXBH-1724B07J RXBH-1724C07J	RXBH-24A07J RXBH-1724A07J RXBH-1724B07J RXBH-1724C07J	RXBH-24A07J RXBH-1724A07J RXBH-1724B07J RXBH-1724C07J	RXBH-24A07J RXBH-1724A07J RXBH-1724B07J RXBH-1724C07J	RXBH-24A07J RXBH-1724A07J RXBH-1724B07J RXBH-1724C07J
		Heater Kit - 10kW	RXBH-24A10J RXBH-1724A10J RXBH-1724B10J RXBH-1724C10J	RXBH-24A10J RXBH-1724A10J RXBH-1724B10J RXBH-1724C10J	RXBH-24A10J RXBH-1724A10J RXBH-1724B10J RXBH-1724C10J	RXBH-24A10J RXBH-1724A10J RXBH-1724B10J RXBH-1724C10J	RXBH-24A10J RXBH-1724A10J RXBH-1724B10J RXBH-1724C10J
		Heater Kit - 15kW		RXBH-24A15J RXBH-1724A15J	RXBH-24A15J RXBH-1724A15J	RXBH-24A15J RXBH-1724A15J	RXBH-24A15J RXBH-1724A15J
		Heater Kit - 18kW		RXBH-24A18J RXBH-1724A18J	RXBH-24A18J RXBH-1724A18J	RXBH-24A18J RXBH-1724A18J	RXBH-24A18J RXBH-1724A18J
		Heater Kit - 20kW				RXBH-24A20J	RXBH-24A20J
		Heater Kit - 25kW				RXBH-24A25J	RXBH-24A25J
		Heater Kit - 30kW					RXBH-24A30J



Exploded View



Blower Assembly

NOTES

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

N/A Not Applicable

- 1 Both Genteq ECM 3.0 and U.S. Motors PerfectSpeed motors were installed in production. The motor shown will replace either manufacturer. However, if only the module is being replaced, the manufacturer of the original motor must be determined before selecting a replacement module.