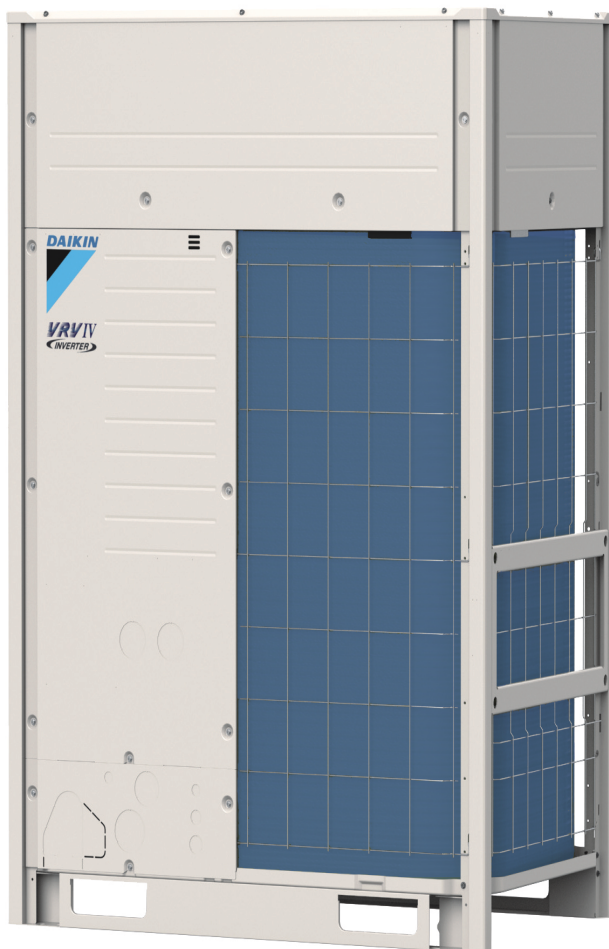


RXYQ***TATJC Heat Pump

RXYQ120TATJC
RXYQ144TATJC
RXYQ168TATJC
RXYQ72TATJC
RXYQ96TATJC



This manual is to be used by qualified technicians only.

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Important Information

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Functional Parts List	3
Illustration and Parts	4 - 15

Views shown are for parts illustrations only, not servicing procedures

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example

M1 - Model#1

M2 - Model#2

M3 - Model#3

Daikin North America, LLC is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Daikin North America, LLC also recommends contacting an authorized technician and using authorized factory parts.

Daikin North America, LLC reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:

Homeowner Support

Daikin North America, LLC

19001 Kermier Road

Waller, Texas 77484

855-770-5678-Telephone

713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division

Daikin North America, LLC

19001 Kermier Road

Waller, Texas 77484

713-861-2500-Telephone

713-863-2382-Facsimile

Functional Parts

Part

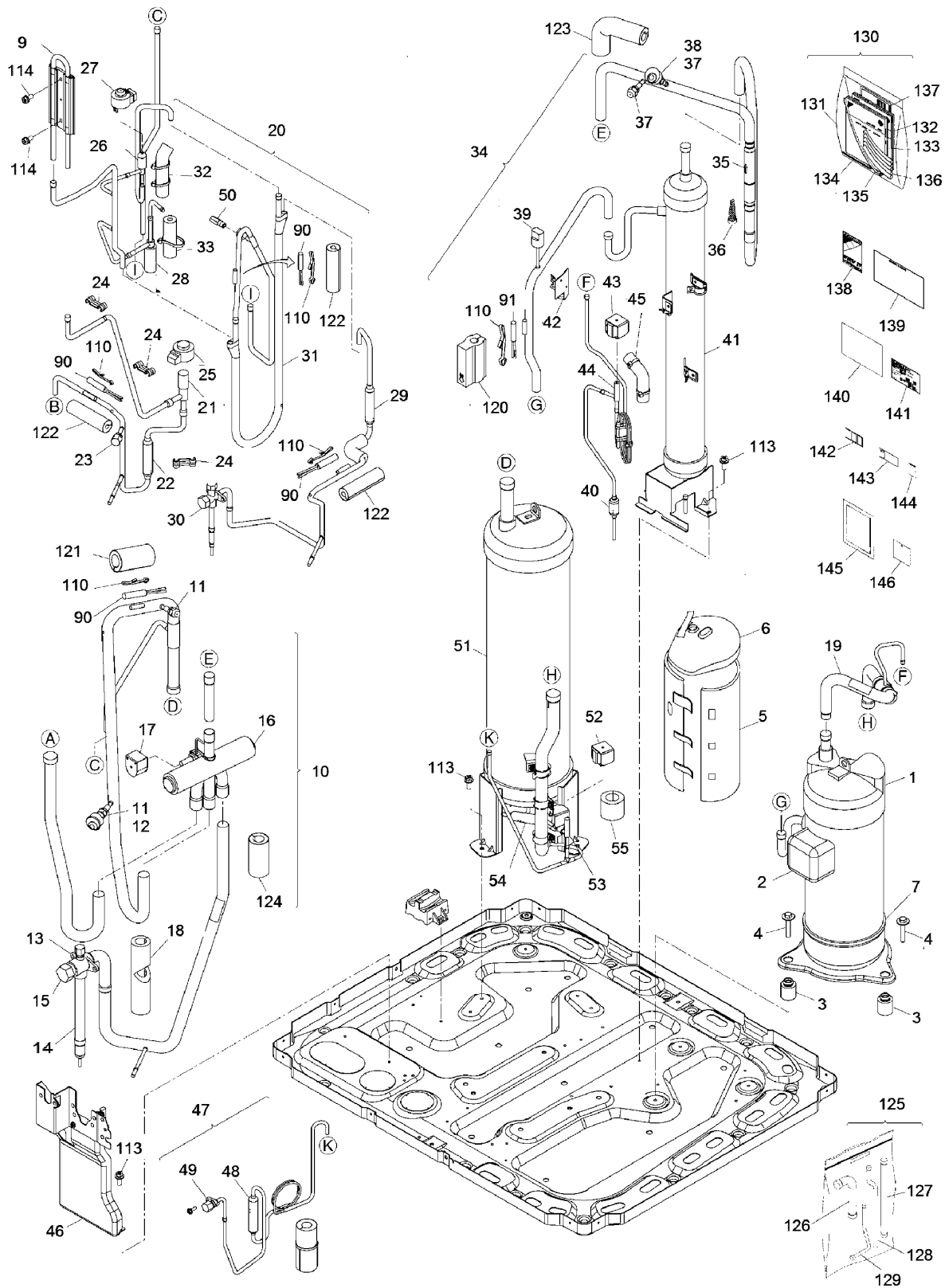
No: Description:

1599729	CHECK VALVE (M2, M3, M4)
2008769	CHECK VALVE (M1, M5)
5009474	CRANKCASE HEATER (M2, M3)
5009473	CRANKCASE HEATER
5009492	CURRENT SENSOR (M4)
2117168	CURRENT TRANSFORMER (M1, M2, M3, M5)
1752715	DC FAN MOTOR (M2, M3)
1713309	DC FAN MOTOR (M4)
1752708	FAN MOTOR (M1, M5)
076430J	FIN THERMISTOR (M2, M3)
1511387	HIGH PRESSURE SENSOR (M4)
151137J	HIGH PRESSURE SENSOR (M1, M2, M3, M5)
7009449	HIGH PRESSURE SWITCH
151140J	LOW PRESSURE SENSOR (M1, M2, M3, M5)
1434101	LOW PRESSURE SENSOR (M4)
1599736	PRESSURE CONTROL VALVE (M4)
159973J	PRESSURE CONTROL VALVE (M1, M2, M3, M5)
0151V00000	PRESSURE RELIEF VALVE
2103835	PRINTED CIRCUIT (FAN) (M2, M3)
2159852	PRINTED CIRCUIT (FAN) (M1, M5)
2159876	PRINTED CIRCUIT (FAN) (M1, M5)
2103811	PRINTED CIRCUIT (FAN) (M2, M3)
7009571	PRINTED CIRCUIT (INVERTER) (M2, M3)
7009521	PRINTED CIRCUIT (INVERTER) (M1, M5)
1716788	PRINTED CIRCUIT ASSY. (ABC I/P)
7009570	PRINTED CIRCUIT ASSY. (FAN INVERTER) (M2, M3)
1996250	PRINTED CIRCUIT ASSY. (FAN) (M4)
7009569	PRINTED CIRCUIT ASSY. (INVERTER) (M2, M3)
7009519	PRINTED CIRCUIT ASSY. (INVERTER) (M1, M5)
7009461	PRINTED CIRCUIT ASSY. (INVERTER) (M4)
7009438	PRINTED CIRCUIT ASSY. (MAIN)
2151423	PRINTED CIRCUIT ASSY. (NOISE FILTER) (M1, M5)
1996243	PRINTED CIRCUIT ASSY. (NOISE FILTER) (M2, M3, M4)
2018456	SCROLL COMPRESSOR (M2, M3)
7009487	SCROLL COMPRESSOR (M1, M5)
1873054	SCROLL COMPRESSOR (M4)
2104681	STOP VALVE (M1, M2, M3)
2114424	STOP VALVE (M4, M5)
1782095	THERMISTOR (AIR A1P) ASSY. (M1, M2, M3, M5)
5009860	THERMISTOR (AIR) (M4)

Expanded Model Nomenclature

M1 - RXYQ120TATJC M2 - RXYQ144TATJC M3 - RXYQ168TATJC M4 - RXYQ72TATJC M5 - RXYQ96TATJC

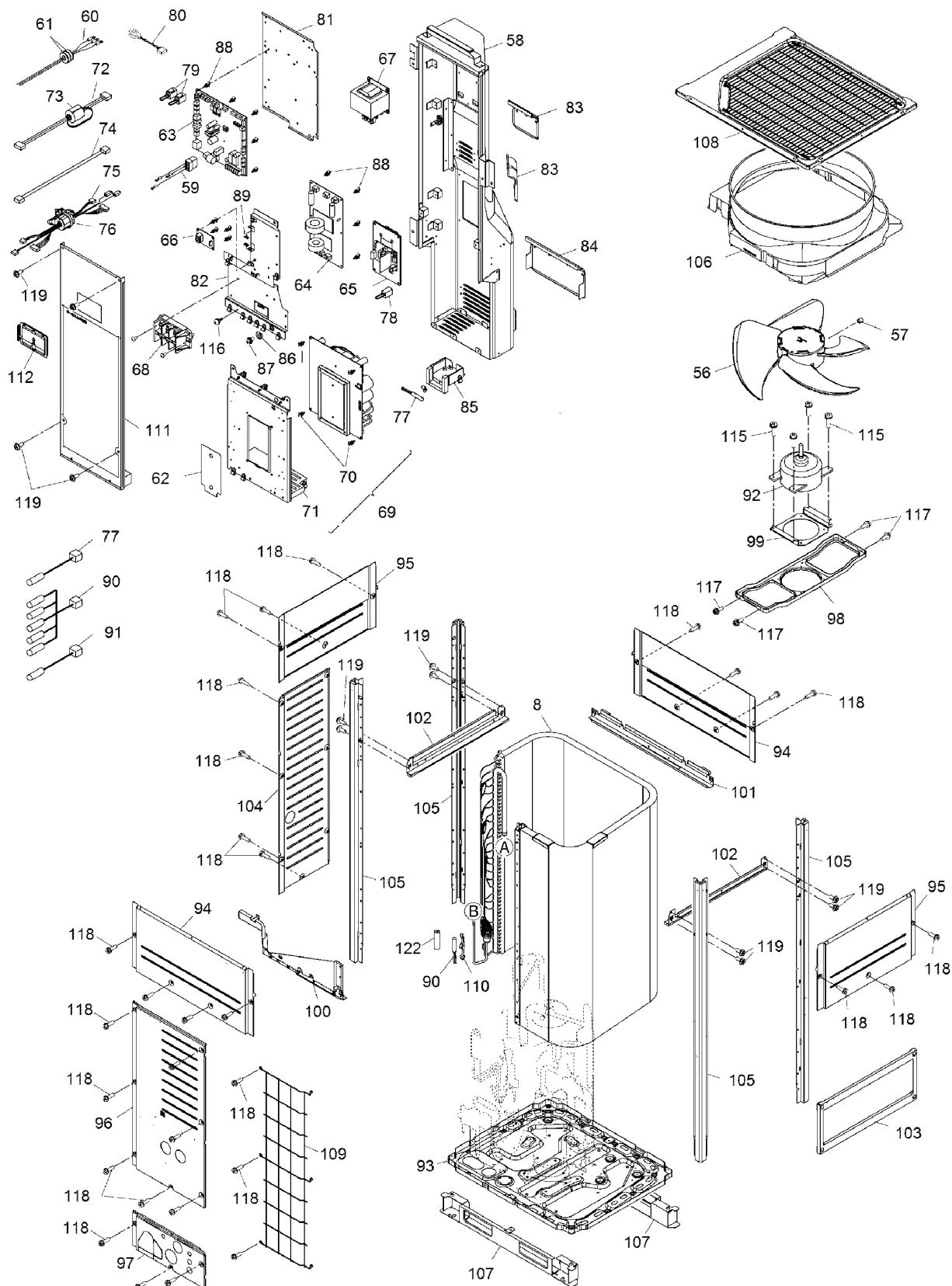
— TOP —



RXYQ72TATJC

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Image 1:	
1	1873054	90	5009494
2	1874305	91	2113623
3	1278109	110	0423968
4	1625318	113	NA
5	5009776	114	4012540
6	5009778	120	1281530
7	5009473	121	0550459
9	7009441	122	1082207
10	7009442	123	NA
11	1541845	124	4012254
12	1434101	125	NA
13	6019595	126	7009488
14	2114424	127	7009489
15	2116831	128	7009490
16	5009794	129	7009491
17	7009443	130	7009492
18	NA	131	0311142
19	7009444	132	NA
20	7009445	133	NA
21	1996469	134	980774
22	5009807	135	980772
23	NA	136	1997424
24	1505111	137	NA
25	7009446	138	NA
26	5009795	139	NA
27	7009447	140	NA
	COIL/ ELECTRONIC EXP. VALVE (INJECTION) (M4)	141	NA
		142	4010207
		143	NA
		144	NA
28	1599736	145	NA
29	5009807	146	NA
30	6019597	Expanded Model Nomenclature M1 - RXYQ120TATJC M2 - RXYQ144TATJC M3 - RXYQ168TATJC M4 - RXYQ72TATJC M5 - RXYQ96TATJC	
31	5009792		
32	2225379		
33	4012783		
34	7009448		
35	1599729		
36	5009809		
37	1541845		
38	1511387		
39	7009449		
40	5009808		
41	7009450		
42	2113382		
43	7009451		
44	2165965		
45	NA		
46	7009452		
47	7009453		
48	232005		
49	7009454		
50	0151V00000		
51	7009456		
52	7009457		
53	2165972		
	BODY/ SOLENOID VALVE (ACCUMULATOR OIL RETURN) (M4)		
54	232005		
55	NA		

— TOP —



RXYQ72TATJC

**Ref. Part
No: No:**

Description:

Image 1:

8	7009440	PLATE FINNED COIL HEAT EXCHANGER ASSY. (M4)
56	7009458	PROPELLER FAN ASSY. (M4)
57	0571780	HEX. SOCKET SCREW (M4)
58	7009459	SWITCH BOX ASSY. (M4)
59	2151719	WIRE HARNESS ASSY. (M4)
60	7009460	WIRE HARNESS ASSY. (COMP.) (M4)
61	1459270	FERRITE CORE (M4)
62	2130495	INSULATION SHEET (M4)
63	7009438	PRINTED CIRCUIT ASSY. (MAIN) (M4)
64	1996243	PRINTED CIRCUIT ASSY. (NOISE FILTER) (M4)
65	1996250	PRINTED CIRCUIT ASSY. (FAN) (M4)
66	1716788	PRINTED CIRCUIT ASSY. (ABC I/P) (M4)
67	2219242	REACTOR (M4)
68	0706649	TERMINAL BLOCK (M4)
69	7009461	PRINTED CIRCUIT ASSY. (INVERTER) (M4)
70	0759287	LOCKING GUARD SPACER (M4)
71	7009462	EL. COMPO. BOX COVER ASSY. (M4)
72	2151834	WIRE HARNESS ASSY. (M4)
73	4008841	FERRITE CORE (M4)
74	2151726	WIRE HARNESS ASSY. (M4)
75	7009463	WIRE HARNESS ASSY. (FAN) (M4)
76	6018262	FERRITE CORE (M4)
77	5009860	THERMISTOR (AIR) (M4)
78	1933413	WIRE HARNESS (M4)
79	1352348	CONNECTOR/ SHORT CIRCUIT (M4)
80	5009492	CURRENT SENSOR (M4)
81	7009464	EL. COMPO. MOUNTING PLATE (PCB) (M4)
82	7009465	EL. COMPO. MOUNTING PLATE (TERMINAL) (M4)
83	7009466	SWITCH BOX (WATER PROOF COVER) (M4)
84	7009467	SWITCH BOX (WATER PROOF COVER) (M4)
85	7009468	MOUNTING PLATE (THERMISTOR) (M4)
86	0665786	CUP WASHER (M4)
87	0807148	GROUNDING TERMINAL (M4)
88	847026	LOCKING CARD SPACER (M4)
89	NA	LOCKING CARD SPACER (M4)
90	5009494	THERMISTOR ASSY. (M4)
91	2113623	THERMISTOR (M1C DISCHARGE) ASSY. (M4)
92	1713309	DC FAN MOTOR (M4)
93	7009469	BOTTOM FRAME (M4)
94	7009470	FRONT PLATE (UPPER) (M4)
95	7009471	SIDE PLATE (UPPER) (M4)
96	7009472	FRONT PLATE (M4)
97	7009473	FRONT PLATE (BOTTOM) (M4)
98	7009474	MOTOR MOUNTING PLATE (M4)
99	7009475	MOTOR MOUNTING PLATE (M4)
100	7009476	STAY (FRONT) (M4)
101	7009477	STAY (REAR) (M4)
102	7009478	STAY (RIGHT/ LEFT) (M4)
103	7009479	REINFORCED PLATE (M4)
104	7009480	SIDE PLATE (M4)
105	7009481	SUPPORT (M4)
106	2112372	BELL MOUTH ASSY. (M4)
107	7009482	BRACKET (M4)
108	7009483	TOP PLATE ASSY. (M4)
109	7009484	PROTECTION NET (M4)
111	7009485	SWITCH BOX (M4)
112	1287778	INSPECTION HOLE (M4)
115	7009486	HEX. HEAD TAPPING SCREW (M4)

**Ref. Part
No: No:**

Description:

Image 1:

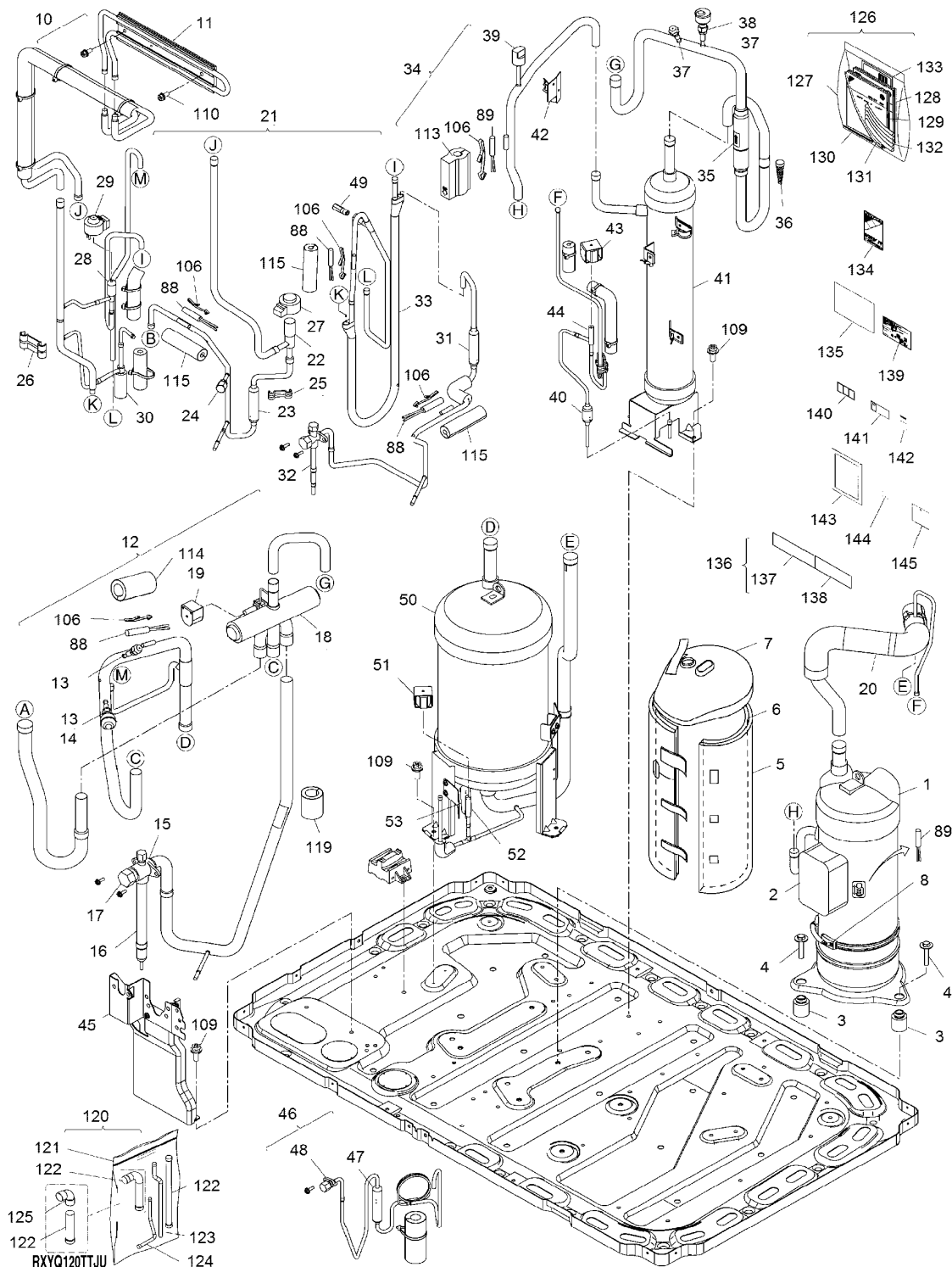
116	1198397	GROUNDING TERMINAL (M4)
117	0493462	TAPPING SCREW (M4)
118	0250470	HEX. HEAD TAPPING SCREW (M4)
119	0356556	HEX. TAPPING SCREW (M4)
122	1082207	HEAT INSULATION TUBE (M4)

Expanded Model Nomenclature

M1 - RXYQ120TATJC
M2 - RXYQ144TATJC
M3 - RXYQ168TATJC
M4 - RXYQ72TATJC
M5 - RXYQ96TATJC

RXYQ96TATJC / RXYQ120TATJC

— TOP —

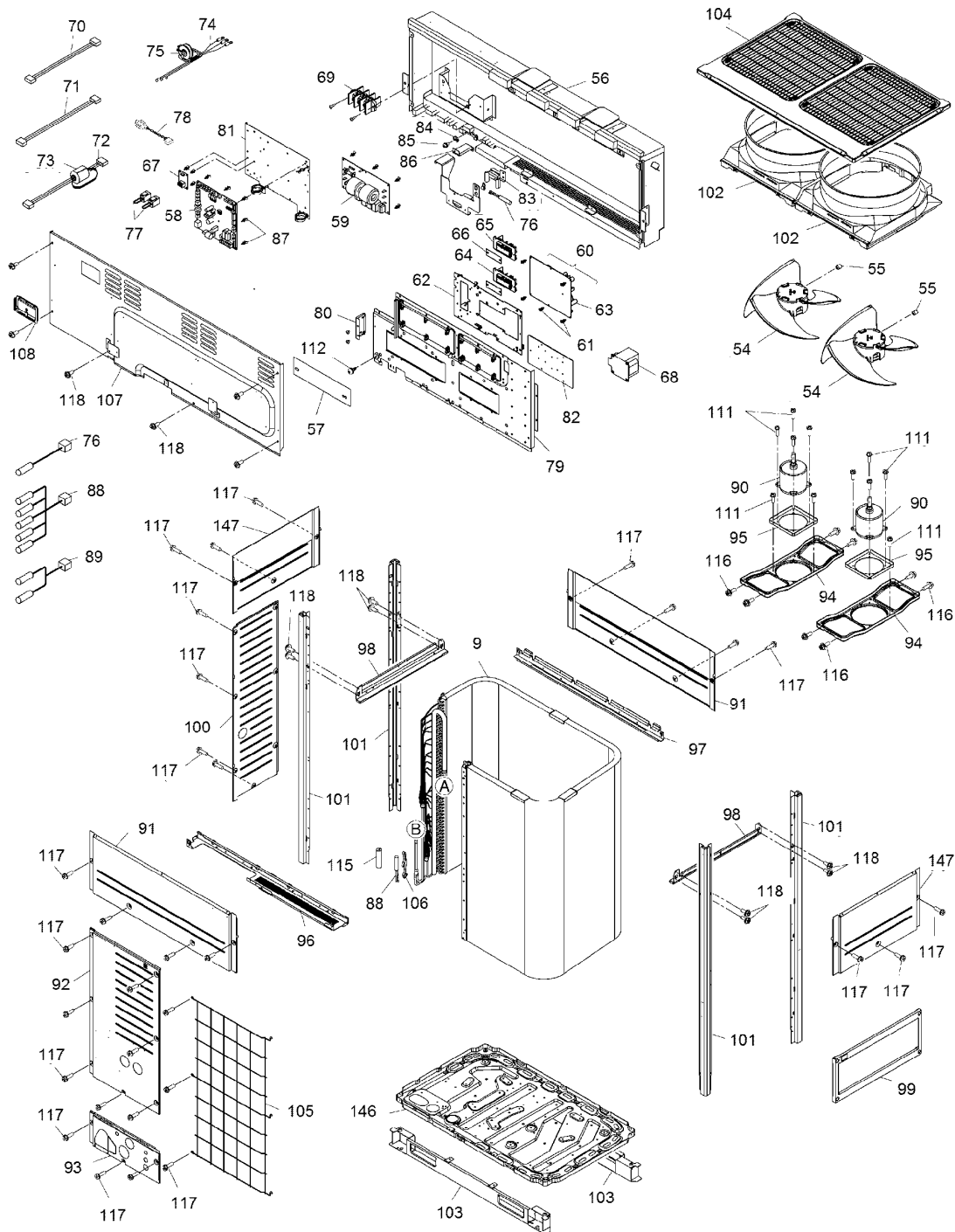


RXYQ96TATJC / RXYQ120TATJC

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Image 1:	
1	7009487	89	5009497
2	7009505	106	042396J
3	127810J	109	NA
4	162531J	110	4012540
5	5009776	113	1281530
6	5009777	114	550459
7	5009778	115	1082207
8	5009473	119	4012254
10	7009507	119	7009589
11	7009508	120	NA
12	7009509	121	311135
12	7009510	122	7009544
13	1541845	122	7009545
14	151140J	122	7009542
15	6019595	122	7009543
15	6019662	123	7009490
16	2104681	123	7009546
16	2114424	124	7009491
17	2116831	124	7009547
18	5009794	125	1799257
19	7009443	126	NA
20	7009511	127	NA
21	7009512	128	NA
22	1996469	129	NA
24	NA	130	980774J
25	1505111	131	980772J
26	1104323	132	1997424
27	7009446	133	NA
28	5009795	134	NA
		135	NA
29	7009447	136	NA
		137	NA
30	159973J	138	NA
31	5009807	139	NA
32	6019597	140	4010207
33	5009792	141	NA
34	7009513	142	NA
35	2008769	143	NA
36	5009809	144	NA
37	1541845	145	NA
38	151137J	Expanded Model Nomenclature	
39	7009449	M1 - RXYQ120TATJC M2 - RXYQ144TATJC M3 - RXYQ168TATJC M4 - RXYQ72TATJC M5 - RXYQ96TATJC	
41	7009514		
42	2113382		
43	7009451		
44	2165965		
45	7009452		
46	7009515		
47	232005J		
48	7009454		
49	0151V00000		
50	7009516		
51	7009457		
52	2165972		

RXYQ96TATJC / RXYQ120TATJC

— TOP —



RXYQ96TATJC / RXYQ120TATJC

**Ref. Part
No: No:**

Description:

Image 1:

9	7009506	PLATE FINNED COIL HEAT EXCHANGER ASSY. (M1, M5)
54	7009517	PROPELLER FAN ASSY. (M1, M5)
55	057178J	HEX. SOCKET SCREW (M1, M5)
56	7009518	EL. COMPO. BOX COVER ASSY. (M1, M5)
57	2130503	INSULATION SHEET (M1, M5)
58	7009438	PRINTED CIRCUIT ASSY. (MAIN) (M1, M5)
59	2151423	PRINTED CIRCUIT ASSY. (NOISE FILTER) (M1, M5)
60	7009519	PRINTED CIRCUIT ASSY. (INVERTER) (M1, M5)
61	380401	LOCKING CARD SPACER (M1, M5)
62	7009520	SET PLATE/ INVERTER (M1, M5)
63	7009521	PRINTED CIRCUIT (INVERTER) (M1, M5)
64	2159852	PRINTED CIRCUIT (FAN) (M1, M5)
65	2159876	PRINTED CIRCUIT (FAN) (M1, M5)
66	7009590	INSULATIONSHEET (M1, M5)
67	1716788	PRINTED CIRCUIT ASSY. (ABC I/P) (M1, M5)
68	2151416	REACTOR (M1, M5)
69	7009522	TERMINAL BLOCK (M1, M5)
70	2093318	WIRE HARNESS (M1, M5)
71	2093332	WIRE HARNESS (M1, M5)
72	2151827	WIRE HARNESS ASSY. (M1, M5)
73	4008841	FERRITE CORE (M1, M5)
74	7009523	WIRE HARNESS ASSY. (COMP.) (M1, M5)
75	064527J	LINE FILTER (M1, M5)
76	1782095	THERMISTOR (AIR A1P) ASSY. (M1, M5)
77	1352348	CONNECTOR/ SHORT CIRCUIT (M1, M5)
78	2117168	CURRENT TRANSFORMER (M1, M5)
79	7009524	EL. COMPO. MOUNTING PLATE (INVERTER) (M1, M5)
80	7009525	SET PLATE/ IMPLEMENT USE (M1, M5)
81	7009526	PCB MOUNTING PLATE (M1, M5)
82	7009527	MOUNTING PLATE (THERMISTOR) (M1, M5)
83	7009528	MOUNTING PLATE (M1, M5)
84	066578J	CUP WASHER (M1, M5)
85	080714J	GROUNDING TERMINAL (M1, M5)
86	7009529	EL. COMPO. MOUNTING PLATE (M1, M5)
87	380401	LOCKING CARD SPACER (M1, M5)
88	5009496	THERMISTOR ASSY. (M1, M5)
89	5009497	THERMISTOR ASSY. (M5)
90	1752708	FAN MOTOR (M1, M5)
91	7009531	FRONT PLATE (UPPER) (M1, M5)
92	7009532	FRONT PLATE (M1, M5)
93	7009533	FRONT PLATE (BOTTOM) (M1, M5)
94	7009534	MOTOR MOUNTING PLATE (M1, M5)
95	7009535	MOTOR MOUNTING PLATE (M1, M5)
96	7009536	STAY ASSY. (FRONT) (M1, M5)
97	7009537	STAY (REAR) (M1, M5)
98	7009478	STAY (RIGHT/ LEFT) (M1, M5)
99	7009479	REINFORCED PLATE (M1, M5)
100	7009480	SIDE PLATE (M1, M5)
101	7009481	SUPPORT (M1, M5)
102	7009588	BELL MOUTH (M1, M5)
103	7009538	BRACKET (M1, M5)
104	7009539	TOP PLATE ASSY. (M1, M5)
105	7009540	PROTECTION NET (FRONT) (M1, M5)
107	7009541	COVER/ SWITCH BOX (M1, M5)
108	1287778	INSPECTION HOLE (M1, M5)
111	7009486	HEX. HEAD TAPPING SCREW (M1, M5)

**Ref. Part
No: No:**

Description:

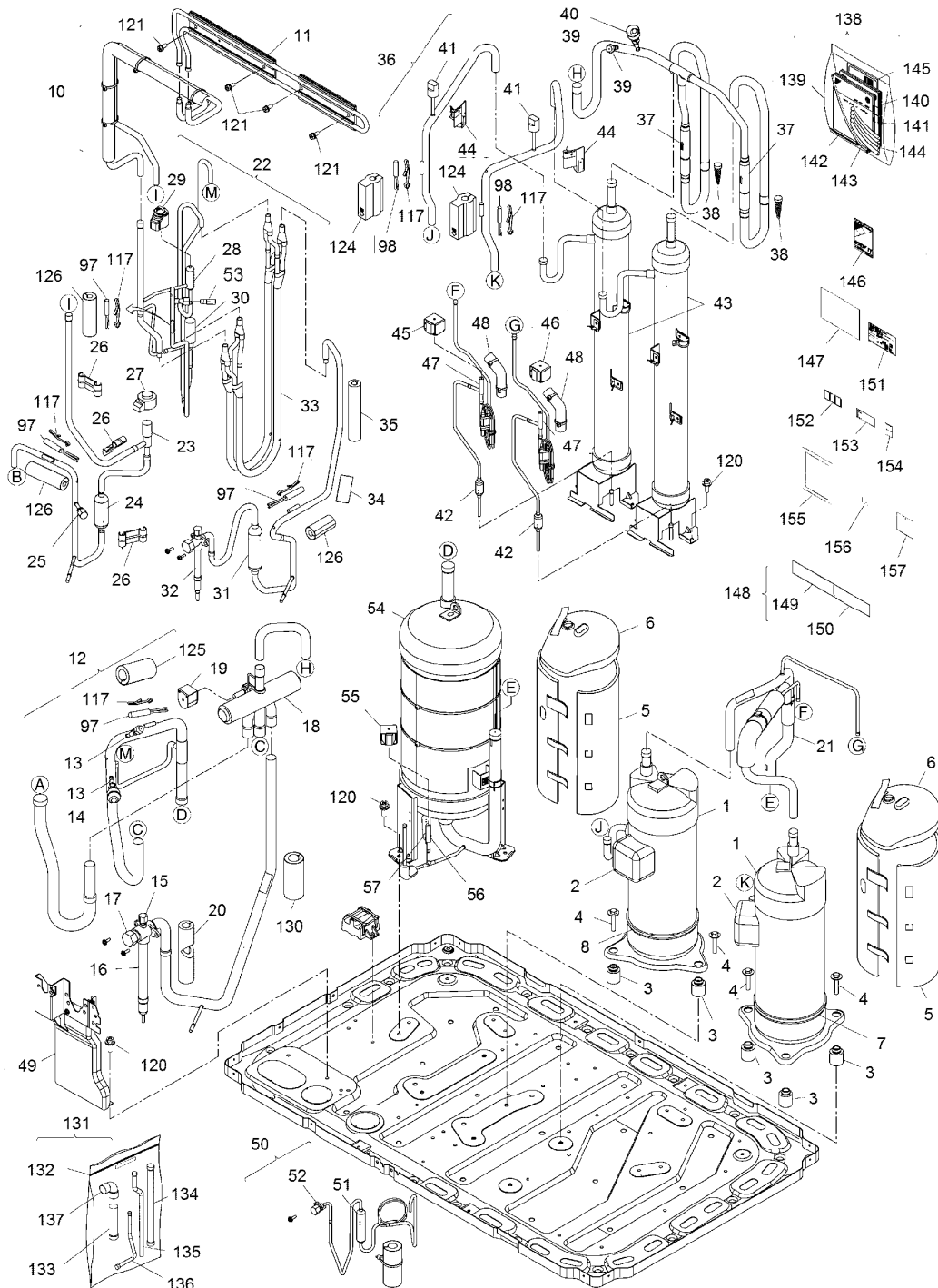
Image 1:

112	1198397	GROUNDING TERMINAL (M1, M5)
115	1082207	HEAT INSULATION TUBE (M1, M5)
116	493462	TAPPING SCREW (M1, M5)
117	025047J	HEX. HEAD TAPPING SCREW (M1, M5)
118	356556	HEX. TAPPING SCREW (M1, M5)
146	7009530	BOTTOM FRAME (M1, M5)
147	7009471	SIDE PLATE (UPPER) (M1, M5)

Expanded Model Nomenclature

M1 - RXYQ120TATJC
M2 - RXYQ144TATJC
M3 - RXYQ168TATJC
M4 - RXYQ72TATJC
M5 - RXYQ96TATJC

— TOP —



RXYQ144TATJC / RXYQ168TATJC

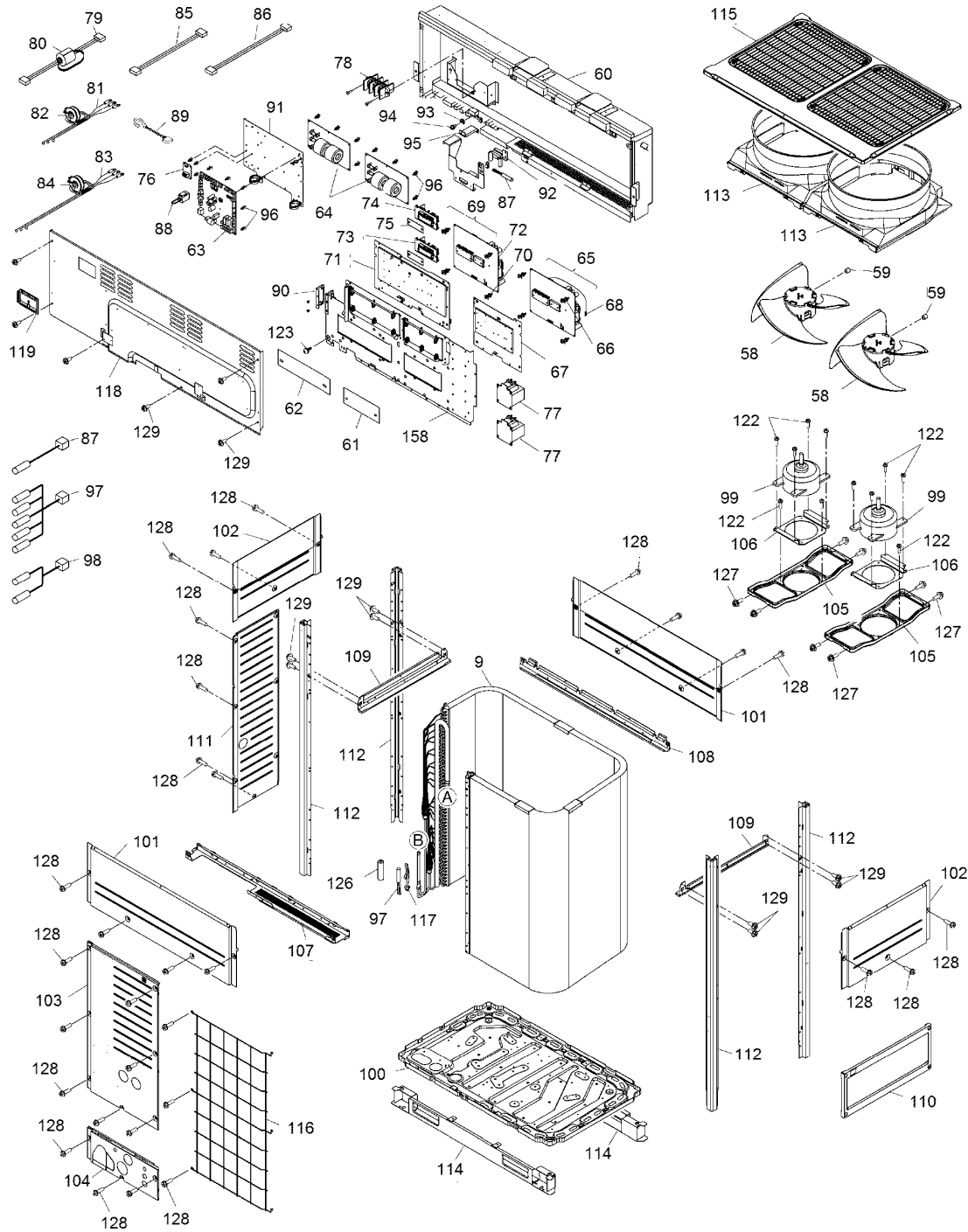
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Image 1:	
1	2018456	55	7009457
2	1874305		COIL/ SOLENOID VALVE (ACCUMULATOR OIL RETURN) (M2, M3)
3	127810J	56	2165972
4	162531J		BODY/ SOLENOID VALVE (ACCUMULATOR OIL RETURN) (M2, M3)
5	5009776	57	232005J
6	5009778	97	5009496
7	5009473	98	5009498
8	5009474	117	042396J
10	7009560	120	NA
11	7009561	121	4012540
12	7009562	124	1281530
13	1541845	125	NA
14	151140J	126	1657632
15	6019662	130	424086
16	2104681	131	NA
17	2116831	132	311135
18	5009794	133	7009542
19	7009443	134	7009544
20	2225355	135	7009575
21	7009563	135	7009576
22	7009564	136	7009577
23	1996469	136	7009578
24	097344J	137	1799257
25	NA	138	NA
26	1104323	139	NA
27	7009446	140	NA
28	1420544	141	NA
		142	980774J
29	7009565	143	980772J
		144	1997424
30	159973J	145	NA
32	6019692	146	NA
33	5009792	147	NA
34	4012797	148	NA
35	7009586	149	NA
36	7009566	150	NA
37	1599729	151	NA
38	5009809	152	4010207
39	1541845	153	NA
40	151137J	154	NA
41	7009449	155	NA
42	5009808	156	NA
43	7009450	157	NA
44	2113382		
45	7009451		
46	7009567		
47	2165965		
48	NA		
49	7009452		
50	7009515		
51	232005J		
52	7009454		
53	0151V00000		
54	7009568		

Expanded Model Nomenclature

M1 - RXYQ120TATJC
 M2 - RXYQ144TATJC
 M3 - RXYQ168TATJC
 M4 - RXYQ72TATJC
 M5 - RXYQ96TATJC

RXYQ144TATJC / RXYQ168TATJC

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RXYQ144TATJC / RXYQ168TATJC

Ref. Part No:	Part No:	Description:	Ref. Part No:	Part No:	Description:
Image 1:			Image 1:		
9	7009559	PLATE FINNED COIL HEAT EXCH. ASSY. (M2, M3)	114	7009538	BRACKET (M2, M3)
58	7009517	PROPELLER FAN ASSY. (M2, M3)	115	7009539	TOP PLATE ASSY. (M2, M3)
59	057178J	HEX. SOCKET SCREW (M2, M3)	116	7009540	PROTECTION NET (FRONT) (M2, M3)
60	7009549	EL. COMPO. BOX COVER ASSY. (M2, M3)	117	042396J	FITTING SPRING/ THERMISTOR (M2, M3)
61	5009816	INSULATION SHEET (TF RUBBER) (M2, M3)	118	7009541	COVER/ SWITCH BOX (M2, M3)
62	2130503	INSULATION SHEET (M2, M3)	119	1287778	INSPECTION HOLE (M2, M3)
63	7009438	PRINTED CIRCUIT ASSY. (MAIN) (M2, M3)	122	7009486	HEX. HEAD TAPPING SCREW (M2, M3)
64	1996243	PRINTED CIRCUIT ASSY. (NOISE FILTER) (M2, M3)	123	1198397	GROUNDING TERMINAL (M2, M3)
65	7009569	PRINTED CIRCUIT ASSY. (INVERTER) (M2, M3)	126	1657632	THERMAL INSULATION TUBE (M2, M3)
66	380401	LOCKING CARD SPACER (M2, M3)	127	493462	TAPPING SCREW (M2, M3)
67	7009587	SET PLATE/ IMPLEMENT (M2, M3)	128	025047J	HEX. HEAD TAPPING SCREW (M2, M3)
68	076430J	FIN THERMISTOR (M2, M3)	129	356556	HEX. TAPPING SCREW (M2, M3)
69	7009570	PRINTED CIRCUIT ASSY. (FAN INVERTER) (M2, M3)	158	7009524	EL. COMPO. MOUNTING PLATE (INVERTER) (M2, M3)
70	380401	LOCKING CARD SPACER (M2, M3)			
71	7009520	SET PLATE/ INVERTER (M2, M3)			
72	7009571	PRINTED CIRCUIT (INVERTER) (M2, M3)			
73	2103811	PRINTED CIRCUIT (FAN) (M2, M3)			
74	2103835	PRINTED CIRCUIT (FAN) (M2, M3)			
75	7009590	INSULATIONSHEET (M2, M3)			
76	1716788	PRINTED CIRCUIT ASSY. (ABC I/P) (M2, M3)			
77	5009487	REACTOR (M2, M3)			
78	7009522	TERMINAL BLOCK (M2, M3)			
79	2093798	WIRE HARNESS ASSY. (M2, M3)			
80	4008841	FERRITE CORE (M2, M3)			
81	7009572	WIRE HARNESS ASSY. (COMP.) (M2, M3)			
82	064527J	LINE FILTER (M2, M3)			
83	7009573	WIRE HARNESS ASSY. (COMP.) (M2, M3)			
84	064527J	LINE FILTER (M2, M3)			
85	2093318	WIRE HARNESS (M2, M3)			
86	2093332	WIRE HARNESS (M2, M3)			
87	1782095	THERMISTOR (AIR A1P) ASSY. (M2, M3)			
88	1352348	CONNECTOR/ SHORT CIRCUIT (M2, M3)			
89	2117168	CURRENT TRANSFORMER (M2, M3)			
90	7009525	SET PLATE/ IMPLEMENT USE (M2, M3)			
91	7009526	PCB MOUNTING PLATE (M2, M3)			
92	7009527	MOUNTING PLATE (THERMISTOR) (M2, M3)			
93	066578J	CUP WASHER (M2, M3)			
94	080714J	GROUNDING TERMINAL (M2, M3)			
95	7009529	EL. COMPO. MOUNTING PLATE (M2, M3)			
96	380401	LOCKING CARD SPACER (M2, M3)			
97	5009496	THERMISTOR ASSY. (M2, M3)			
98	5009498	THERMISTOR ASSY. (M2, M3)			
99	1752715	DC FAN MOTOR (M2, M3)			
100	7009574	BOTTOM FRAME (M2, M3)			
101	7009531	FRONT PLATE (UPPER) (M2, M3)			
102	7009471	SIDE PLATE (UPPER) (M2, M3)			
103	7009532	FRONT PLATE (M2, M3)			
104	7009533	FRONT PLATE (BOTTOM) (M2, M3)			
105	7009534	MOTOR MOUNTING PLATE (M2, M3)			
106	7009475	MOTOR MOUNTING PLATE (M2, M3)			
107	7009536	STAY ASSY. (FRONT) (M2, M3)			
108	7009537	STAY (REAR) (M2, M3)			
109	7009478	STAY (RIGHT/ LEFT) (M2, M3)			
110	7009479	REINFORCED PLATE (M2, M3)			
111	7009480	SIDE PLATE (M2, M3)			
112	7009481	SUPPORT (M2, M3)			
113	7009588	BELL MOUTH (M2, M3)			
			Expanded Model Nomenclature		
			M1 - RXYQ120TATJC		
			M2 - RXYQ144TATJC		
			M3 - RXYQ168TATJC		
			M4 - RXYQ72TATJC		
			M5 - RXYQ96TATJC		