

RELQ***TATJU VRV Heat Recovery Unit

RELQ120TATJU

RELQ72TATJU

RELQ96TATJU



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 - 11

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 Manufacturing Company, L.P. 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 Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Manufacturing Company, L.P. 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

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International Division

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Functional Parts

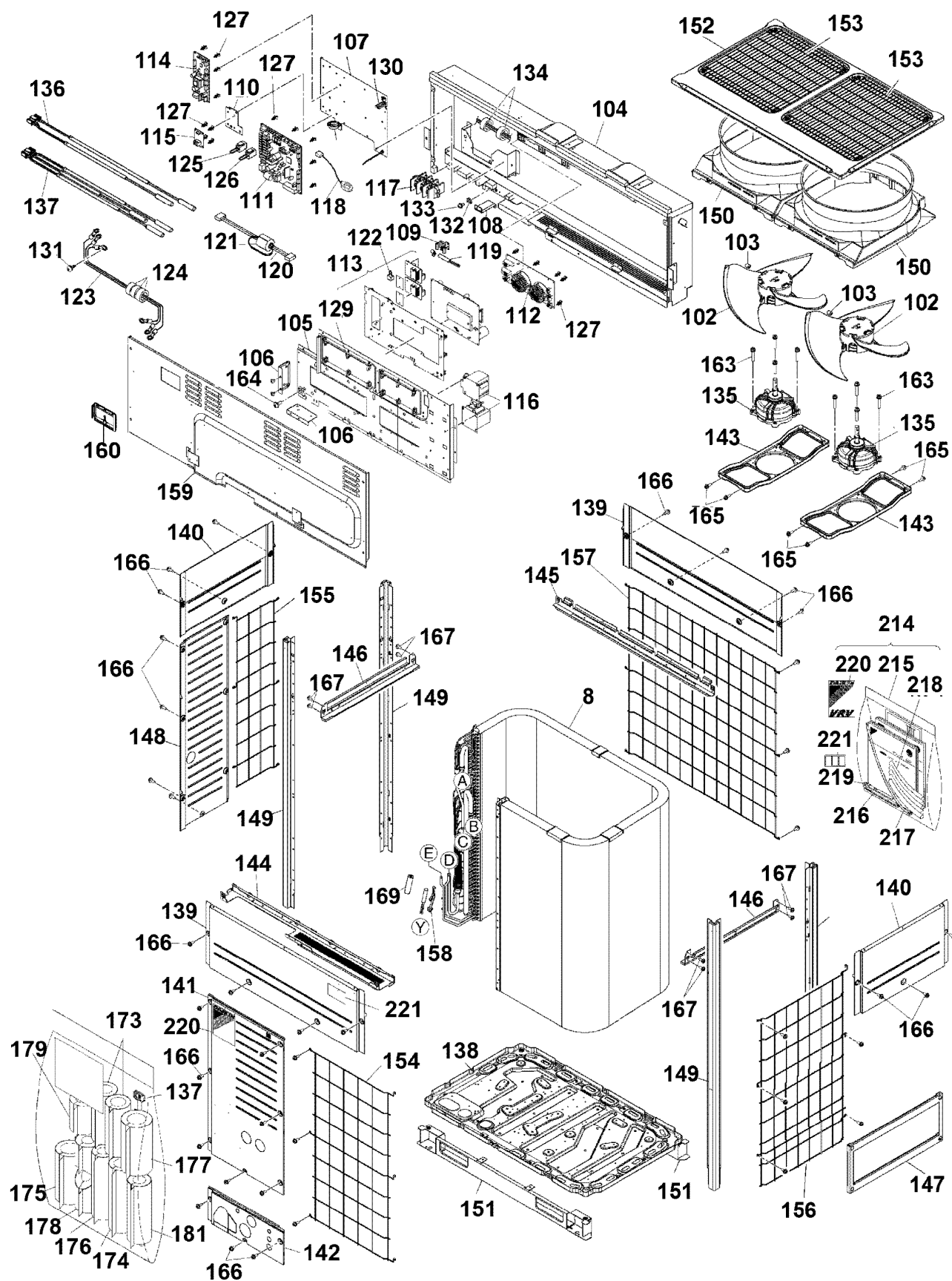
Part

No: Description:

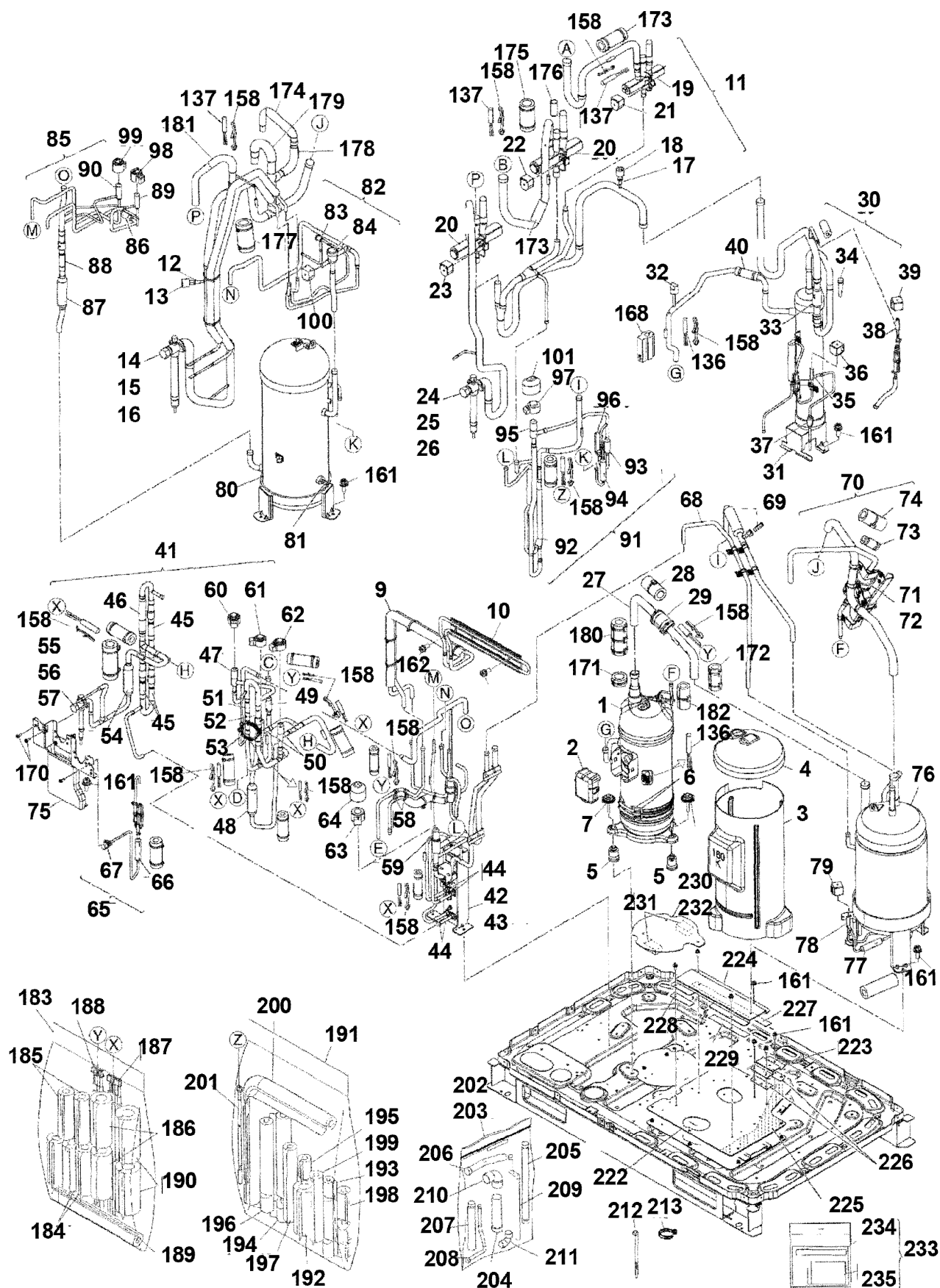
1086083	CHECK VALVE (QTY 5)
159972J	CHECK VALVE
2103479	CHECK VALVE (M2)
107638J	CHECK VALVE
2311845	CHECK VALVE (M1, M3)
7009598	CRANK CASE HEATER (QTY 2)
2287663	CURRENT TRANSFORMER (M1, M3)
2117168	CURRENT TRANSFORMER (M2)
2219451	FAN MOTOR (QTY 2)
1944437	GAUGE JOINT WITH CHECK VALVE (M2)
7009604	HIGH PRESSURE SENSOR
7009608	HIGH PRESSURE SWITCH
7009603	LOW PRESSURE SENSOR (M1, M3)
7009625	PRESSURE CONTROL VALVE
2387323	SCROLL COMPRESSOR ASSY. (M1, M3)
2387284	SCROLL COMPRESSOR ASSY. (M2)
2114424	STOP VALVE
2104681	STOP VALVE (M2)
2103455	STOP VALVE
2103448	STOP VALVE (M1, M3)
7009662	THERMISTOR (M2)
7009640	THERMISTOR (AIR A1P)

Expanded Model Nomenclature

M1 - RELQ120TATJU
M2 - RELQ72TATJU
M3 - RELQ96TATJU

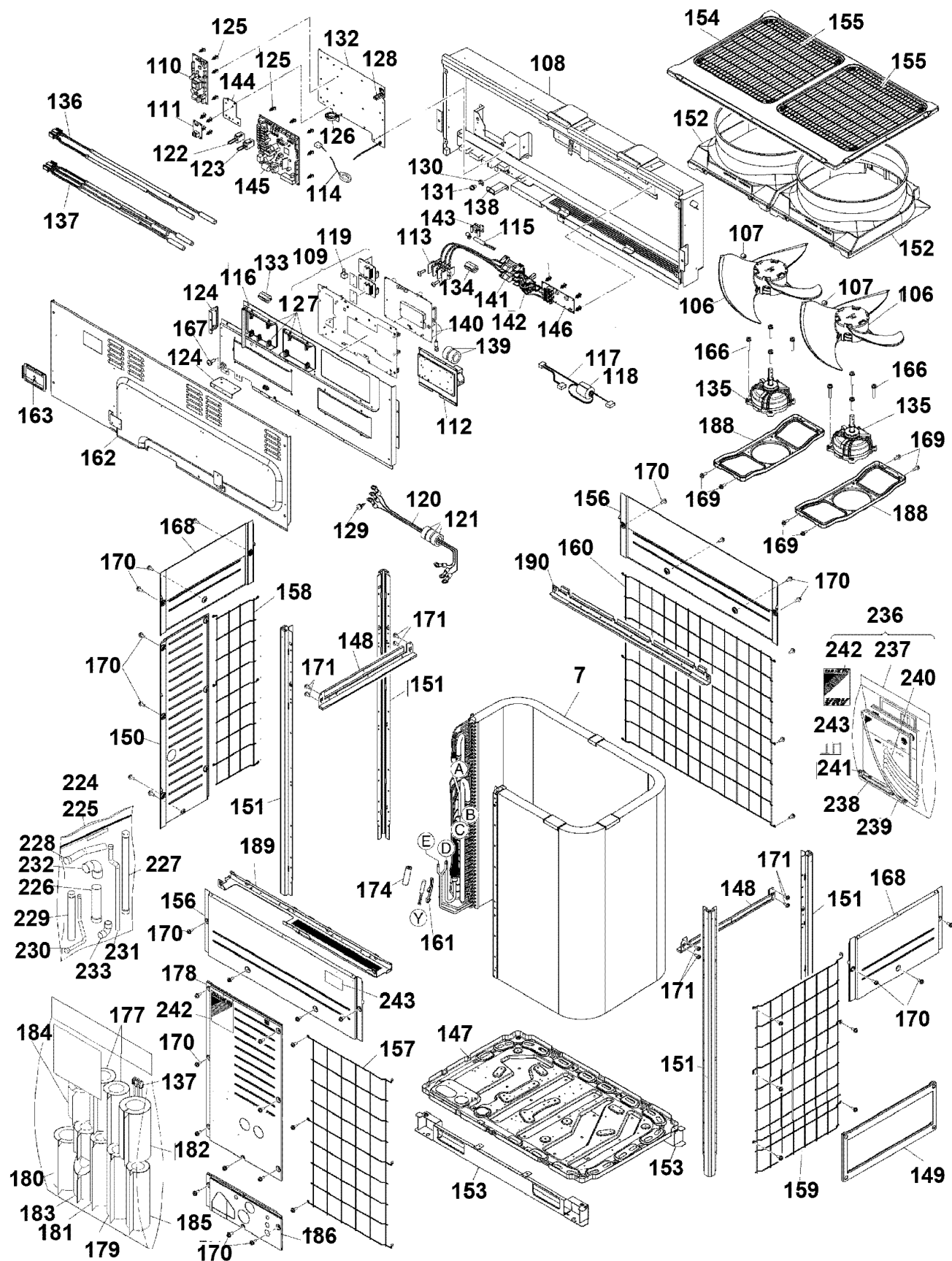


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8	7009599	160	128777J
102	7009517	163	7009486
103	057178J	164	NA
104	7009518	165	7009493
105	2279299	166	025047J
106	7009525	167	035655J
107	7009526	169	144290J
108	7009529	173	042408J
109	7009527	174	NA
110	7500082	175	0424055
111	2382669	176	7500117
112	1996236	177	NA
113	2387309	178	7009649
114	7500014	179	7009650
115	1716788	181	040191J
116	2093091	214	NA
117	7009522	215	NA
118	2117168	216	NA
119	7009640	217	NA
120	2129820	218	1997424
121	4008841	219	056827J
122	1933413	220	7009692
123	2387316	221	NA
124	145927J	Expanded Model Nomenclature	
125	135234J	M1 - RELQ120TATJU M2 - RELQ72TATJU M3 - RELQ96TATJU	
126	2233712		
127	380401J		
128	2010250		
129	027843J		
130	0207661		
131	NA		
132	066578J		
133	NA		
134	145927J		
135	2219451		
136	7009644		
137	7009645		
138	7009530		
139	7009531		
140	7009471		
141	7009532		
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144	7009536		
145	7009537		
146	7009478		
147	7009479		
148	7009480		
149	7009481		
150	7009588		
151	7009538		
152	7009539		
153	7500121		
154	7009540		
155	7009646		
156	7009647		
157	7009648		
158	042396J		
159	7009541		

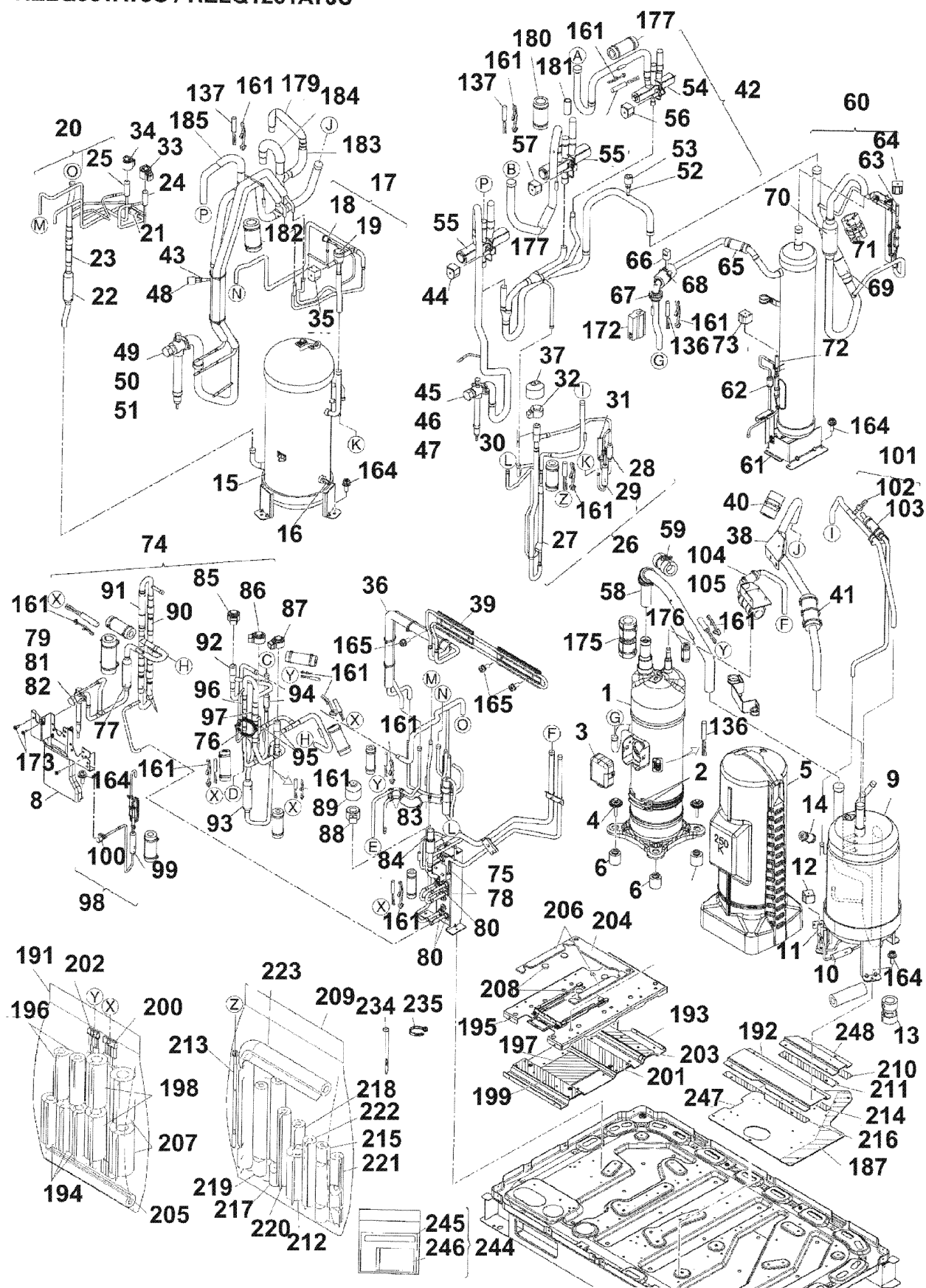


Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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1	2387284	52	1086083
2	7009594	53	NA
3	2278885	54	231501J
4	2278892	55	NA
		56	2103455
5	2279143	57	143584J
6	7009598	58	1505111
7	2311775	59	1801415
9	NA		
10	2387291	60	7009611
11	NA		
12	1944437	61	7009612
13	7009603		
14	NA	62	7009613
15	2104681		
16	2116831	63	7009614
17	1944437		
18	7009604	64	7009700
19	2119861	65	NA
		66	232005J
20	6019596	67	7009616
21	7500059	68	NA
		69	7009455
22	7500060	70	NA
		71	NA
23	7500061	72	042452J
24	NA	73	7009620
25	2114424	74	2317139
26	2116831	75	7500035
27	NA	76	7009621
28	2317139	77	232005J
29	NA	78	2165972
30	NA		
31	7009607	79	7009622
32	7009608		
33	2103479	80	7009623
34	2096331	81	7009455
35	2165965	82	NA
		83	7009625
36	7500071	84	147657J
37	4012537		
38	2165972	85	NA
		86	2113337
39	7500070	87	012000J
40	2311799	88	1086083
41	NA	89	2233628
42	7009610		
43	NA	90	2204606
44	NA		
45	1086083	91	NA
46	159972J	92	7500077
47	1996469	93	2113344
		94	232005J
48	231501J	95	1996469
49	2113344		
50	1996469	96	NA
		97	7009628
51	107638J		

Ref. Part		Description:	Ref. Part		Description:
No:	No:		No:	No:	
Image 1:			Image 1:		
98	7009629	COIL/ELECTRONIC EXP. VALVE (REFRIGERANT COOLING) (M2)	225	7009707	CUSHION RUBBER (M2)
99	7009630	COIL/ELECTRONIC EXP. VALVE (SUBCOOL HEAT EXC.) (M2)	226	7009708	CUSHION RUBBER (1) (M2)
100	7500080	COIL/ SOLENOID VALVE (LIQUID SHUTOFF) (M2)	227	7009709	CUSHION RUBBER (2) (M2)
101	0650304	WATER PROOF CAP (M2)	228	7009710	CUSHION RUBBER (3) (M2)
136	7009644	THERMISTOR ASSY. (M2)	229	7009711	CUSHION RUBBER (4) (M2)
137	7009645	THERMISTOR ASSY. (M2)	230	2311744	SOUND INSULATION (BOTTOM PLATE) (M2)
158	042396J	FITTING SPRING/ THERMISTOR (M2)	231	7009712	SEALING MATERIAL (M2)
161	NA	HEX. HEAD TAPPING SCREW (M2)	232	7009713	SOUND INSULATION (BOTTOM PLATE) (M2)
162	4012540	HEX. BOLT (M2)	233	NA	GREASE ASSY. (M2)
168	128153J	THERMAL INSULATION (M2)	234	NA	REPLACEMENT INSTRUCTIONS SHEET (M2)
170	035654J	HEX. SOCKET SCREW (M2)	235	NA	GREASE (M2)
171	6026549	WEIGHT (M2)	Expanded Model Nomenclature		
172	7009680	WEIGHT ASSY. (M2)	M1 - RELQ120TATJU		
173	042408J	INSULATION TUBE/ REF. PIPING (M2)	M2 - RELQ72TATJU		
174	NA	PIPE INSULATION (M2)	M3 - RELQ96TATJU		
175	0424055	HEAT INSULATION COVER (M2)			
176	7500117	THERMAL INSULATION TUBE (3) (M2)			
177	NA	THERMAL INSULATION TUBE (M2)			
178	7009649	THERMAL INSULATION TUBE (2) (M2)			
179	7009650	THERMAL INSULATION TUBE (M2)			
180	7009678	WEIGHT (M2)			
181	040191J	HEAT INSULATION TUBE (M2)			
182	2317139	WEIGHT (M2)			
183	NA	ACCESSORY SET (3) (M2)			
184	144290J	HEAT INSULATION TUBE (M2)			
185	165763J	THERMAL INSULATION TUBE (M2)			
186	144291J	HEAT INSULATION TUBE (M2)			
187	7009652	THERMISTOR ASSY. (M2)			
188	7009653	THERMISTOR ASSY. (M2)			
189	7009702	HEAT INSULATION TUBE (M2)			
190	7009703	HEAT INSULATION TUBE (M2)			
191	NA	ACCESSORY SET (4) (RV) (M2)			
192	144291J	HEAT INSULATION TUBE (M2)			
193	7009654	THERMAL INSULATION TUBE (1) (M2)			
194	7009655	THERMAL INSULATION TUBE (2) (M2)			
195	7009656	THERMAL INSULATION TUBE (3) (M2)			
196	7009657	THERMAL INSULATION TUBE (4) (M2)			
197	7009658	THERMAL INSULATION TUBE (9) (M2)			
198	7009659	THERMAL INSULATION TUBE (6) (M2)			
199	7009660	THERMAL INSULATION TUBE (7) (M2)			
200	7009661	THERMAL INSULATION TUBE (8) (M2)			
201	7009662	THERMISTOR (RECEIVER GAS PURGE) (M2)			
202	NA	ACCESSORIES ASSY. (M2)			
203	NA	ACCESSORIES BAG (M2)			
204	7500052	AUXILIARY PIPE (GAS SIDE FRONT) (M2)			
205	7500053	AUXILIARY PIPE (GAS SIDE BOTTOM) (M2)			
206	7500054	AUXILIARY PIPE (H AND L PRESSURE) (M2)			
207	7500055	AUXILIARY PIPE (H AND L PRESSURE) (M2)			
208	7500096	AUXILIARY PIPE (LIQUID SIDE FRONT) (M2)			
209	7500097	AUXILIARY PIPE (LIQUID SIDE BOTTOM) (M2)			
210	1799257	L-TYPE JOINT (M2)			
211	254105J	ELBOW JOINT (M2)			
212	NA	TIE WRAP (M2)			
213	127892J	TIE WRAP (M2)			
222	7009704	MOUNTING PLATE (ACCUMULATOR) (M2)			
223	7009705	MOUNTING PLATE (1) (M2)			
224	7009706	MOUNTING PLATE (2) (M2)			



Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Image 1:	
7	7009599	162	7009541
106	7009517	163	128777J
107	057178J	166	7009486
108	2387354	167	NA
109	2387361	168	7009471
110	7500014	169	7009493
111	1716788	170	025047J
112	2269937	171	035655J
113	7009522	174	144290J
114	2287663	177	042408J
115	7009640	178	7009532
116	2279491	179	NA
117	2270292	180	0424055
118	4012628	181	7500117
119	1933413	182	NA
120	2387378	183	7009649
121	064527J	184	7009650
122	135234J	186	7009533
123	2233712	188	7009534
124	7009525	189	7009536
125	380401J	190	7009537
126	2010250	224	NA
127	027843J	225	NA
128	0207661	226	7009685
129	NA	226	7500109
130	066578J	227	7009686
131	NA	227	7500110
132	7009526	228	7500093
133	4012628	229	7500095
134	2031550	230	7009576
135	2219451	230	7500096
136	7009683	231	7009578
137	7009645	231	7500097
138	7009529	232	1442816
139	064527J	233	254105J
140	1899948	236	NA
141	2279592	237	NA
142	2279600	238	NA
143	7009527	239	NA
144	7500082	240	1997424
145	2382669	241	056827J
146	2299060	242	7009692
147	7009530	243	NA
148	7009478	Expanded Model Nomenclature	
149	7009479	M1 - RELQ120TATJU	
150	7009480	M2 - RELQ72TATJU	
151	7009481	M3 - RELQ96TATJU	
152	7009588		
153	7009538		
154	7009539		
155	7500121		
156	7009531		
157	7009540		
158	7009646		
159	7009647		
160	7009648		
161	042396J		



Ref. Part No: No:	Description:		Ref. Part No: No:	Description:	
Image 1:			Image 1:		
1	2387323	SCROLL COMPRESSOR ASSY. (M1, M3)	50	2103448	STOP VALVE (M1, M3)
2	7009598	CRANK CASE HEATER (M1, M3)	51	2116831	VALVE CAP (M1, M3)
3	2387330	TERMINAL COVER (M1, M3)	52	1944437	GAUGE JOINT WITH CHECK VALVE (M1, M3)
4	2311775	COMPRESSOR MOUNTING BOLT ASSY. (M1, M3)	53	7009604	HIGH PRESSURE SENSOR (M1, M3)
5	2279686	COMPRESSOR SOUNDPROOF ASSY. (M1, M3)	54	2119861	BODY/ FOUR WAY VALVE (HEAT EXC. UPPER) (M1, M3)
6	2279422	RUBBER VIBRATION ISOLATOR (M1, M3)			
8	7500035	STOP VALVE MOUNTING PLATE (M1, M3)	55	6019596	BODY/ FOUR WAY VALVE (M1, M3)
9	7009679	ACCUMULATOR ASSY. (M1, M3)	56	7500059	COIL/ FOUR WAY VALVE (HEAT EXC. UPPER) (M1, M3)
10	232005J	REFRIGERANT FILTER (M1, M3)			
11	2165972	BODY/ SOLENOID VALVE (ACCUMULATOR OIL RETURN) (M1, M3)	57	7500060	COIL/ FOUR WAY VALVE (HEAT EXC. LOWER) (M1, M3)
12	7009622	COIL/ SOLENOID VALVE (ACCUMULATOR OIL RETURN) (M1, M3)	58	NA	SUCTION PIPE ASSY. (M1, M3)
			59	2312879	WEIGHT (M1, M3)
13	2279484	WEIGHT (M1, M3)	60	NA	DISCHARGE PIPE ASSY. (M1, M3)
14	7009680	WEIGHT ASSY. (M1, M3)	61	7009673	OIL SEPARATOR ASSY. (M1, M3)
15	7009623	LIQUID RECEIVER ASSY. (M1, M3)	62	4012537	FILTER (M1, M3)
16	7009455	FUSIBLE PLUG ASSY. (M1, M3)	63	2165972	BODY/ SOLENOID VALVE (HOT GAS BYPASS) (M1, M3)
17	NA	ELECTRONIC EXP. VALVE ASSY. (1) (M1, M3)			
18	7009625	PRESSURE CONTROL VALVE (M1, M3)	64	7500070	COIL/ SOLENOID VALVE (HOT GAS BYPASS) (M1, M3)
19	147657J	BODY/ SOLENOID VALVE (LIQUID SHUT OFF) (M1, M3)			
			65	2009065	PLUMMET (M1, M3)
20	NA	ELECTRONIC EXP. VALVE ASSY. (2) (M1, M3)	66	7009608	HIGH PRESSURE SWITCH (M1, M3)
21	2113337	FILTER (FOR REF.) (M1, M3)	67	2282668	WEIGHT (M1, M3)
22	012000J	REFRIGERANT FILTER (M1, M3)	68	2317139	WEIGHT (M1, M3)
23	1086083	CHECK VALVE (M1, M3)	69	2311845	CHECK VALVE (M1, M3)
24	2233628	BODY/ ELECTRONIC EXP. VALVE (REFRIGERANT COOLING) (M1, M3)	70	159971J	REFRIGERANT FILTER (M1, M3)
			71	2279484	WEIGHT (M1, M3)
25	2204606	BODY/ ELECTRONIC EXP. VALVE (SUBCOOL HEAT EXC.) (M1, M3)	72	2165965	BODY/ SOLENOID VALVE (OS OIL RETURN 1) (M1, M3)
26	NA	ELECTRONIC EXP. VALVE ASSY. (3) (M1, M3)	73	7500071	COIL/ SOLENOID VALVE (OS OIL RETURN 1) (M1, M3)
27	7500077	DOUBLE TUBE HEAT EXCH. ASSY. (M1, M3)			
28	2113344	FILTER (FOR REF.) (M1, M3)	74	NA	LIQUID PIPE ASSY. (M1, M3)
29	232005J	REFRIGERANT FILTER (M1, M3)	75	7009675	PLATE HEAT EXCHANGER ASSY. (M1, M3)
30	1996469	BODY/ ELECTRONIC EXP. VALVE (RECEIVER GAS PURGE) (M1, M3)	76	NA	CAPILLARY TUBE (M1, M3)
			77	231501J	REFRIGERANT FILTER (M1, M3)
31	NA	CAPILLARY TUBE (M1, M3)	78	NA	PLATE HEAT EXCHANGER (M1, M3)
32	7009628	COIL/ELECTRONIC EXP. VALVE (RECEIVER GAS PURGE) (M1, M3)	79	NA	STOP VALVE ASSY. (LIQUID) (M1, M3)
			80	NA	REFRIGERANT PIPE (1) (M1, M3)
33	7009629	COIL/ELECTRONIC EXP. VALVE (REFRIGERANT COOLING) (M1, M3)	81	2103455	STOP VALVE (M1, M3)
			82	143584J	CAP/ STOP VALVE (M1, M3)
34	7009630	COIL/ELECTRONIC EXP. VALVE (SUBCOOL HEAT EXC.) (M1, M3)	83	1505111	PIPE CLAMP PLATE (M1, M3)
			84	1801415	BODY/ ELECTRONIC EXP. VALVE (INJECTION) (M1, M3)
35	7500080	COIL/ SOLENOID VALVE (LIQUID SHUTOFF) (M1, M3)			
			85	7009611	COIL/ ELECTRONIC EXP. VALVE (LEAK DETECTION) (M1, M3)
36	NA	REFRIGERANT PIPE ASSY (M1, M3)			
37	0650304	WATER PROOF CAP (M1, M3)	86	7009612	COIL/ ELECTRONIC EXP. VALVE (HEAT EXC. UPPER) (M1, M3)
38	NA	REFRIGERANT PIPE ASSY. (M1, M3)			
39	2387347	HEAT SINK ASSY (M1, M3)	87	7009613	COIL/ ELECTRONIC EXP. VALVE (HEAT EXC. LOWER) (M1, M3)
40	2279484	WEIGHT (M1, M3)			
41	7009678	WEIGHT (M1, M3)	88	7009614	COIL/ ELECTRONIC EXP. VALVE (INJECTION) (M1, M3)
42	NA	REFRIGERANT PIPE ASSY. (M1, M3)			
43	1944437	GAUGE JOINT WITH CHECK VALVE (M1, M3)	89	7009700	WATER PROOF CAP (M1, M3)
44	7500061	COIL/ FOUR WAY VALVE (HP/ LP GAS) (M1, M3)	90	1086083	CHECK VALVE (M1, M3)
45	NA	STOP VALVE ASSY. (GAS) (M1, M3)	91	159972J	CHECK VALVE (M1, M3)
46	2114424	STOP VALVE (M1, M3)	92	1996469	BODY/ ELECTRONIC EXP. VALVE (LEAK DETECTION) (M1, M3)
47	2116831	VALVE CAP (M1, M3)			
48	7009603	LOW PRESSURE SENSOR (M1, M3)	93	231501J	REFRIGERANT FILTER (M1, M3)
49	NA	STOP VALVE ASSY. (GAS) (M1, M3)	94	2113344	FILTER (FOR REF.) (M1, M3)

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Image 1:	
95	1996469	219	7009657
96	107638J	220	7009658
97	1086083	221	7009659
98	NA	222	7009660
99	232005J	223	7009661
100	7009616	234	NA
101	NA	235	127892J
102	7009455	244	NA
103	2311799	245	NA
104	7009677	246	NA
105	7009620	247	7009704
136	7009683	248	7009714
137	7009645	Expanded Model Nomenclature M1 - RELQ120TATJU M2 - RELQ72TATJU M3 - RELQ96TATJU	
161	042396J		
164	NA		
165	4012540		
172	128778J		
173	035654J		
175	7009684		
176	7009680		
177	042408J		
179	NA		
180	0424055		
181	7500117		
182	NA		
183	7009649		
184	7009650		
185	040191J		
187	7009707		
191	NA		
192	7009715		
193	7009716		
194	144290J		
195	7009717		
196	165763J		
197	7009718		
198	144291J		
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210	7009725		
211	7009726		
212	144291J		
213	7009662		
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215	7009654		
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217	7009655		
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