
RWEQ***TAYCU Outdoor Water Cooled VRV

RWEQ120TAYCU

RWEQ144TAYCU

RWEQ96TAYCU



This manual is to be used by qualified technicians only.

Important Information

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Functional Parts List	3
Illustration and Parts	4 - 55

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

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:

5019646	CHECK VALVE
107638J	CHECK VALVE (QTY 3)
5009806	CHECK VALVE
5022356	COMPRESSOR
5019733	COOLING FAN MOTOR (QTY 2)
5019715	CRANKCASE HEATER
5019654	FUSIBLE PLUG
5019654	FUSIBLE PLUG
5008508	HIGH PRESSURE SWITCH
5022362	LOW FREQUENCY TRANSFORMER
5019666	MOTOR OPERATED VALVE COIL
5019663	MOTOR OPERATED VALVE COIL
5019648	MOTOR OPERATED VALVE COIL
5022359	PCB ASSY (INVERTER)
5022358	PCB ASSY (NOISE FILTER-MAIN)
5019687	PCB ASSY(ADAPTER)
5022357	PCB ASSY(MAIN)
5022360	PCB ASSY(NOISE FILTER-SUB)
5018944	PCB ASSY(SUB)
5019672	PRESSURE SENSOR (HP)
5019673	PRESSURE SENSOR (LP)
5019650	SOLENOID VALVE COIL
5019676	SOLENOID VALVE COIL
5019664	SOLENOID VALVE COIL
5019678	SOLENOID VALVE COIL
5019656	SOLENOID VALVE COIL
5019651	SOLENOID VALVE COIL
5019670	SOLENOID VALVE COIL
5019645	SOLENOID VALVE COIL
5019618	SOLENOID VALVE COIL
5009799	STOP VALVE (QTY 2)
5009801	STOP VALVE
5019716	THERMISTOR
5019717	THERMISTOR ASSY 1
5019718	THERMISTOR ASSY 2
5019719	THERMISTOR ASSY 3
5019720	THERMISTOR ASSY 4
5019721	THERMISTOR ASSY 5

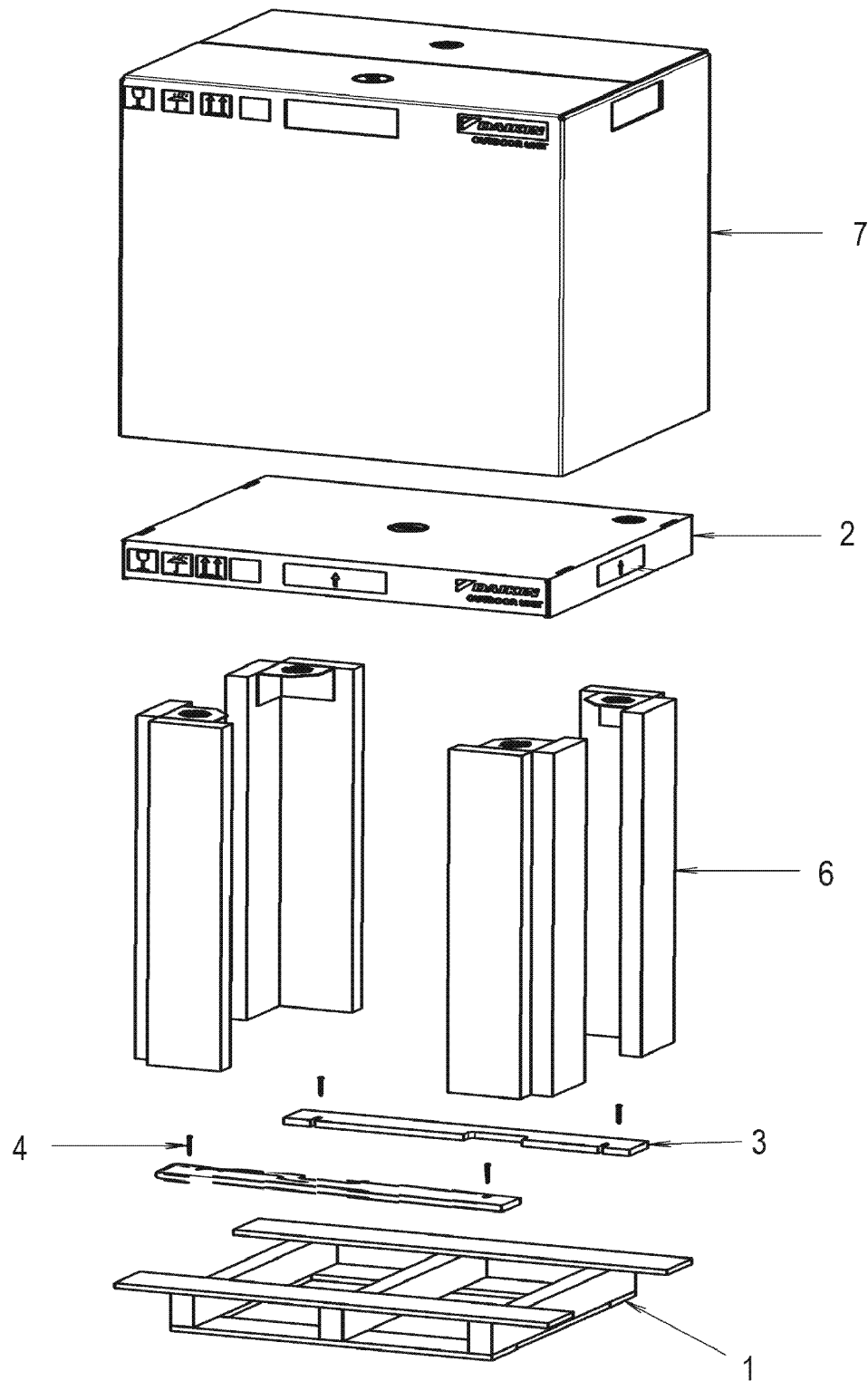
Expanded Model Nomenclature

M1 - RWEQ120TAYCU

M2 - RWEQ144TAYCU

M3 - RWEQ96TAYCU

PACKING PARTS



PACKING PARTS

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

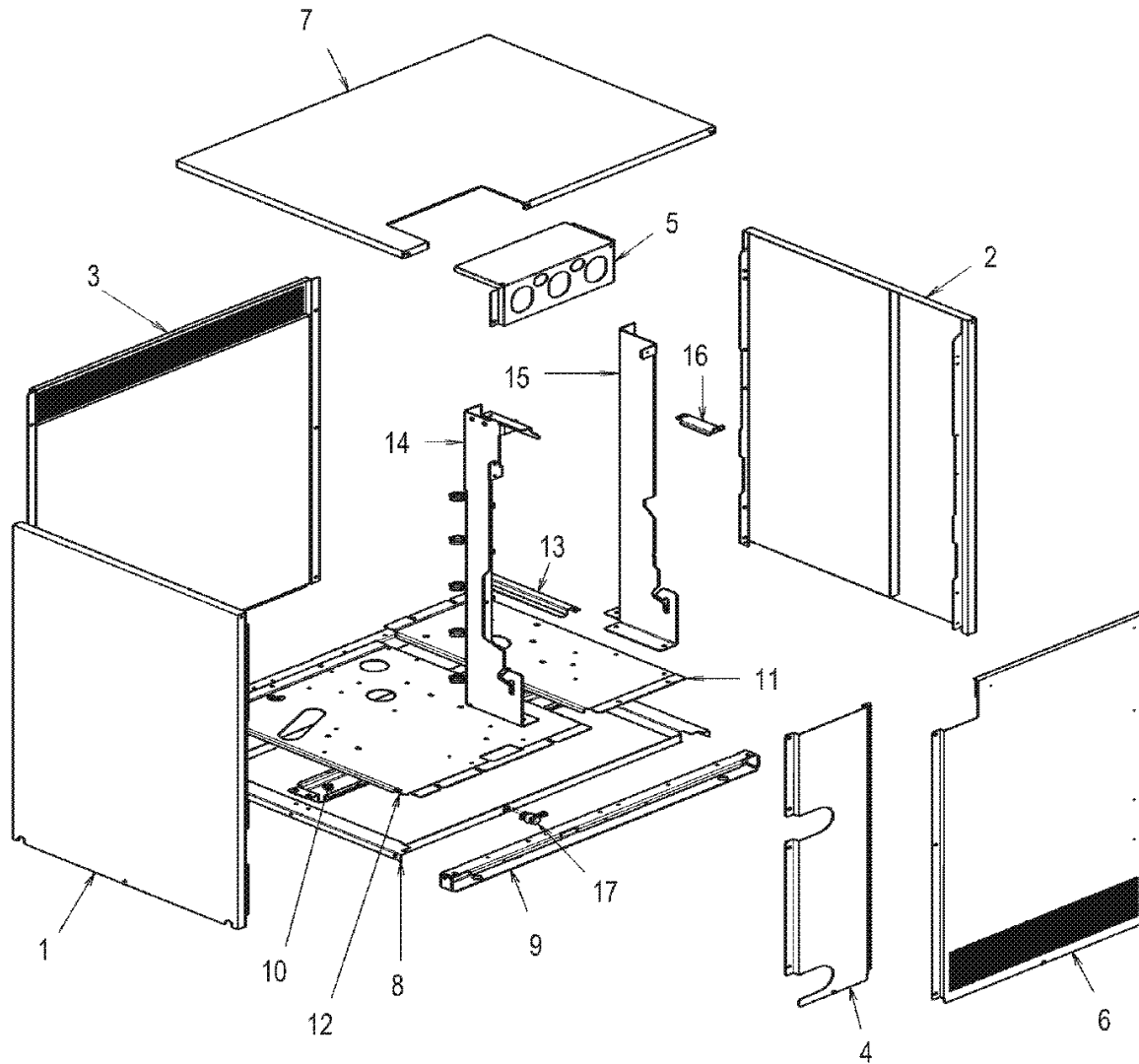
Image 1:

1	5017733	PALLET
2	5017734	COVER
3	5016040	FIXATION PLANK (QTY 2)
4	5010864	PAN HEAD TAPPING SCREW (QTY 4)
6	5019594	CORNER CUSHION (QTY 4)
7	5019595	PACKING BOX USA

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

CASING PARTS



CASING PARTS

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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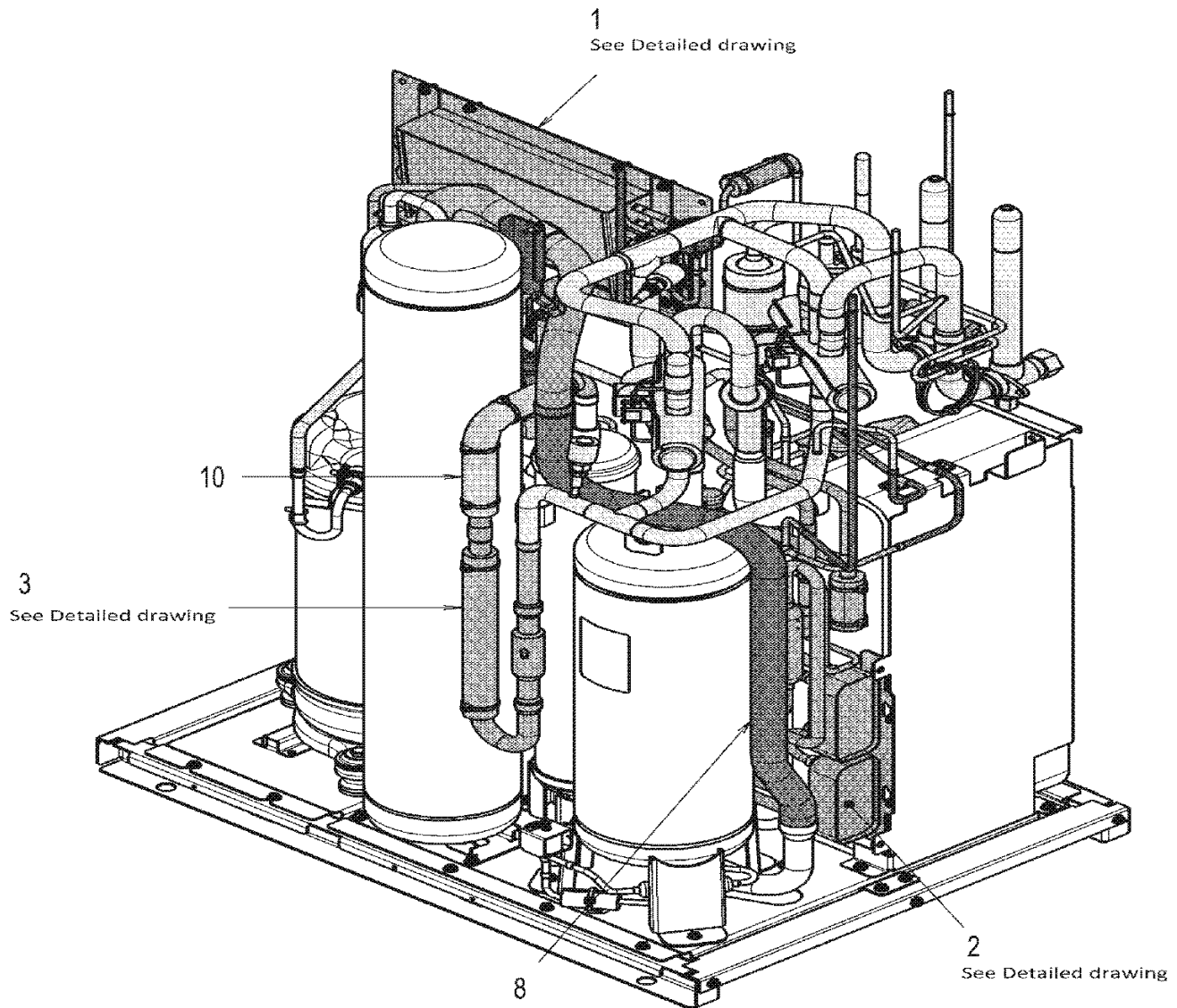
Image 1:

1	5019596	LEFT SIDE PLATE ASSY
2	5019597	RIGHT SIDE PLATE ASSY
3	5019598	REAR PLATE ASSY
4	5019599	FRONT COVER BPHE
5	5019600	FIELD COVER
6	5019601	FRONT PLATE ASSY
7	5019602	TOP PLATE ASSY
8	5019603	DRAINPLATE ASSY
9	5019604	INSTALLATION LEG (QTY 2)
10	5019605	SUPPORT PLATE
11	5019606	COMPRESSOR PLATE
12	5019607	VESSEL PLATE
13	5019608	TRANSPORT LEG COMPRESSOR
14	5019609	EL COMPO BOX FIXTURE ASSY
15	5019610	EL COMPO BOX FIXTURE
16	5019611	SUPPORT FRONT PLATE
17	5019629	DRAIN PLUG ASSY

Expanded Model Nomenclature

M1 - RWEQ120TAYCU M2 - RWEQ144TAYCU M3 - RWEQ96TAYCU
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PIPING BLOCKS 1/2



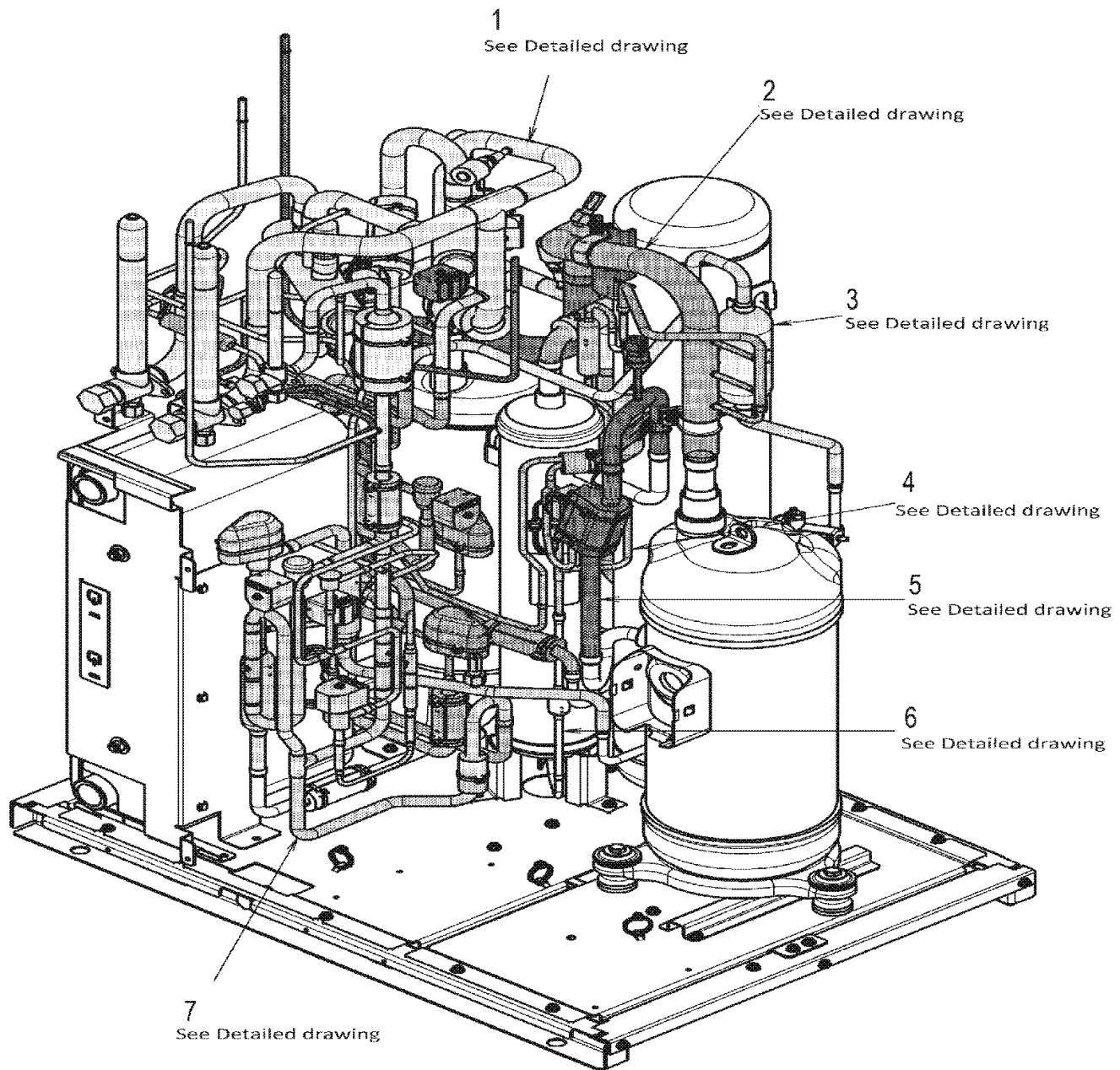
PIPING BLOCKS 1/2

Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
Image 1:					
1	NA	PFHE TOP ASSY (SWBX)			
2	NA	REFRIGERANT PIPE SUBCOOL ASSY			
3	NA	REFRIGERANT PIPE ASSY			
8	5019628	LOWER SUCTION PIPE			
10	5019630	INSULATION TUBE BENDED			

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

PIPING BLOCKS 2/2



PIPING BLOCKS 2/2

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

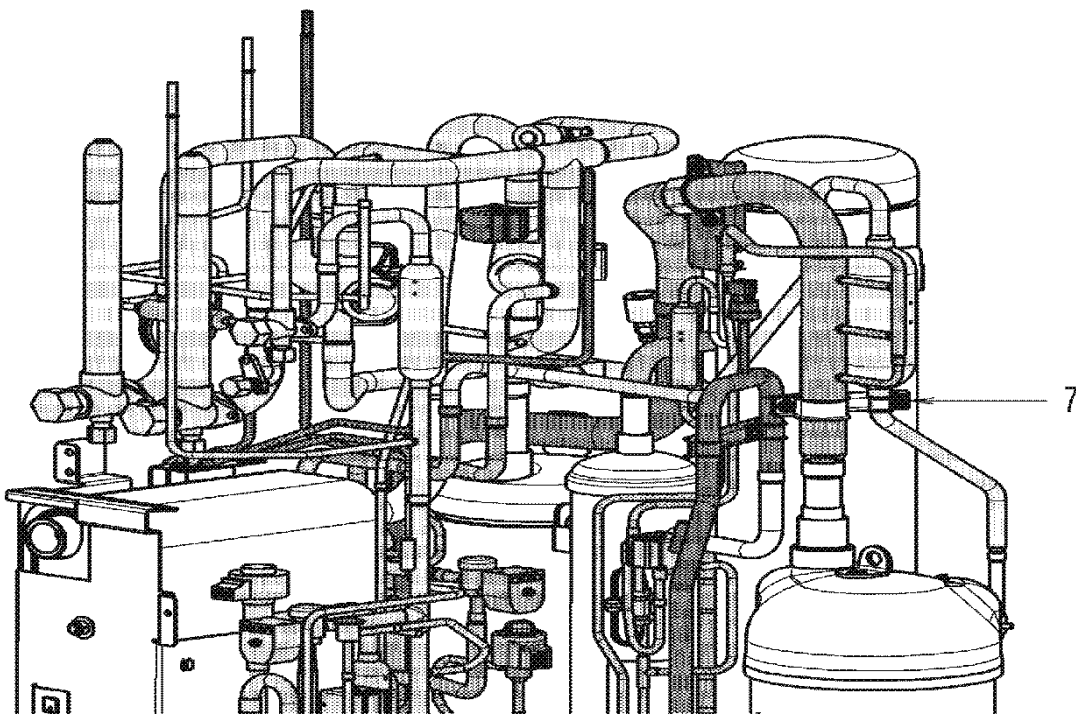
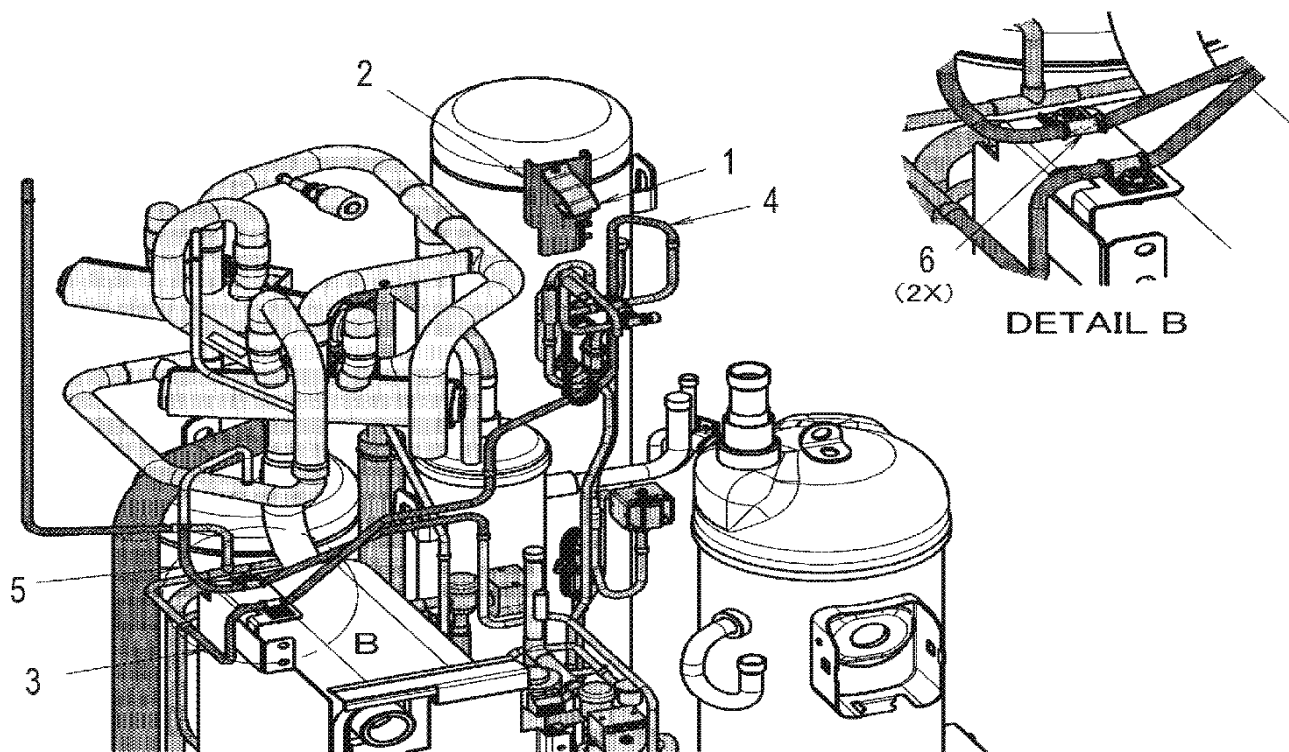
Image 1:

1	NA	4 WAY VALVE ASSY
2	NA	SUCTION PIPE ASSY USA
3	NA	REFRIGERANT PIPE ASSY INJECTION
4	NA	REFRIGERANT PIPE ASSY ORT TOP
5	NA	DISCHARGE PIPE ASSY
6	NA	REFRIGERANT PIPE ASSY FILTER
7	NA	LIQUID PIPE ASSY (USA)

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

LOOSE PARTS



LOOSE PARTS

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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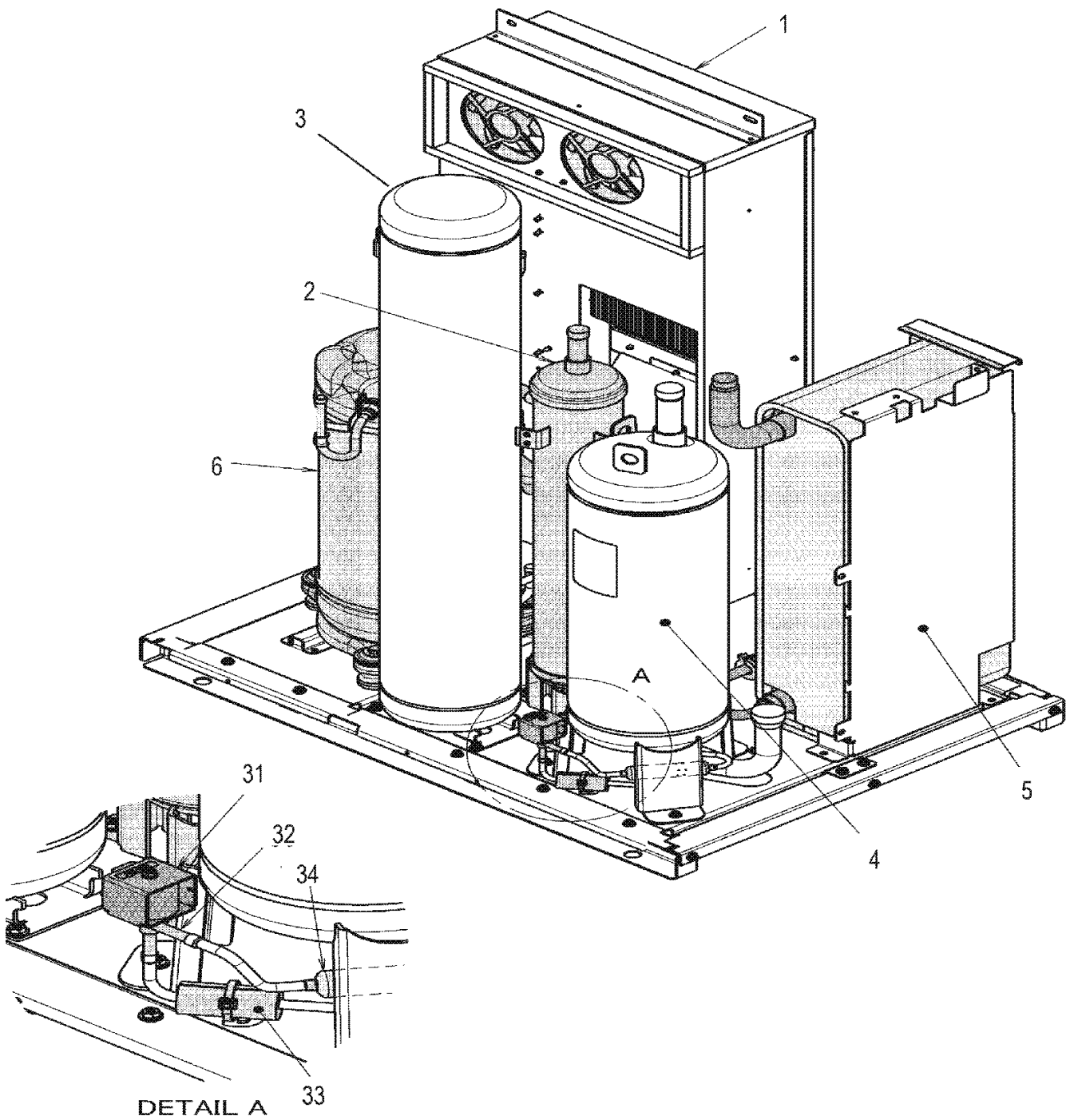
Image 1:

1	5019621	PIPING FIXTURE
2	5019622	SUPPORT PLATE (SUCTION)
3	5019623	REFRIGERANT PIPE (INTER CONNECTION PIPE)
4	5019624	REFRIGERANT PIPE (INTER CONNECTION PIPE)
5	5019625	REFRIGERANT PIPE (INTER CONNECTION PIPE)
6	5019626	PIPING FIXTURE (QTY 2)
7	5019627	SUCTION PIPE CLAMP TO INJECTION

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

MAIN COMPONENTS



MAIN COMPONENTS

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

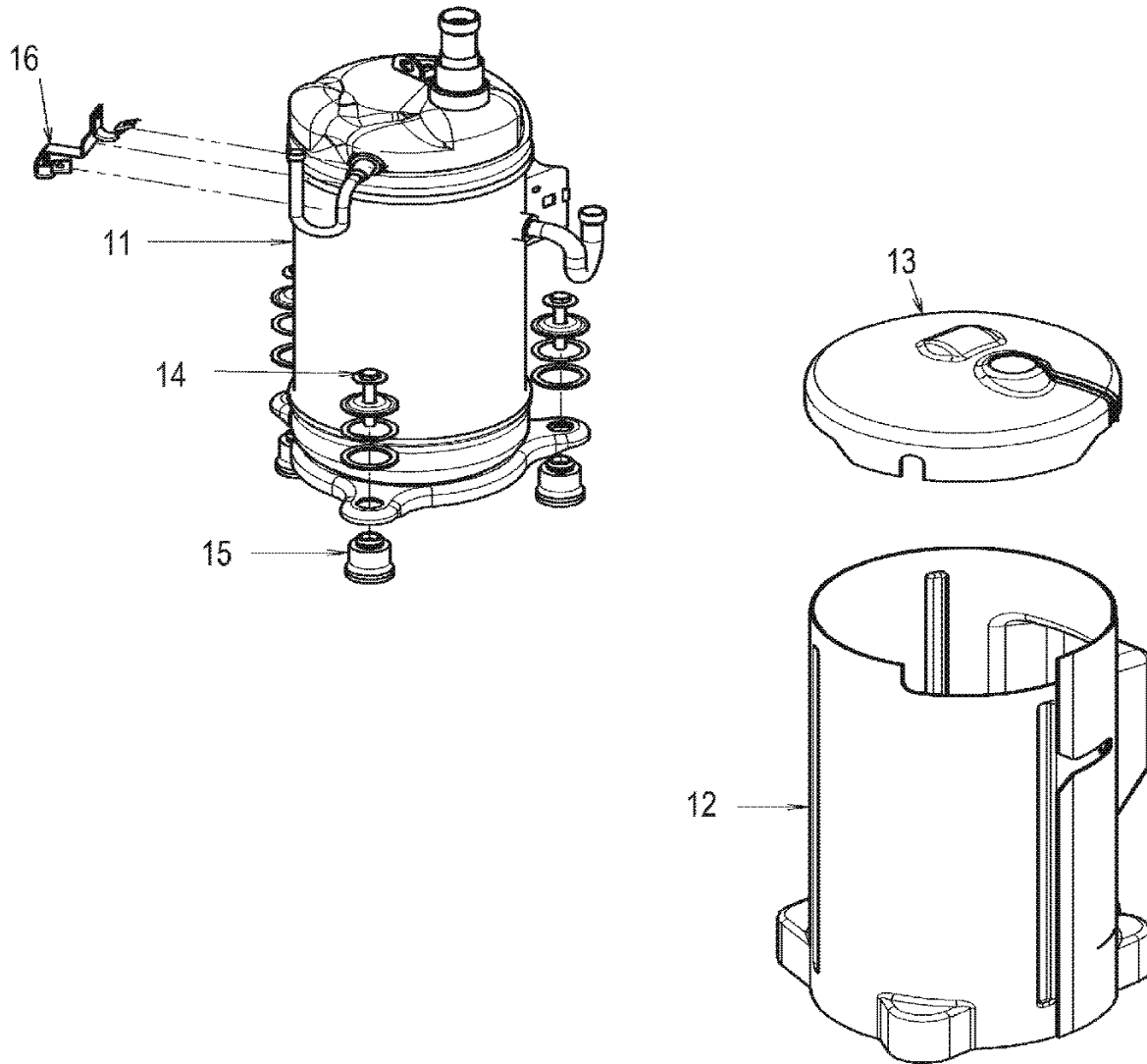
1	NA	FAN ASSY
2	5018934	OIL SEPARATOR ASSY
3	5018935	LIQUID RECEIVER
4	5018936	ACCUMULATOR ASSY
5	NA	LARGE PHE TOP ASSY
6	NA	COMPRESSOR ASSY
31	5019618	SOLENOID VALVE COIL
32	5019620	SOLENOID VALVE BODY
33	5004283	INSULATION TUBE
34	301218P	FILTER

Expanded Model Nomenclature

M1 - RWEQ120TAYCU M2 - RWEQ144TAYCU M3 - RWEQ96TAYCU
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COMPRESSOR + COMPRESSOR PARTS

COMPRESSOR ASSY



COMPRESSOR + COMPRESSOR PARTS

Ref. Part			Ref. Part	
No: No:	Description:		No: No:	Description:

Image 1:

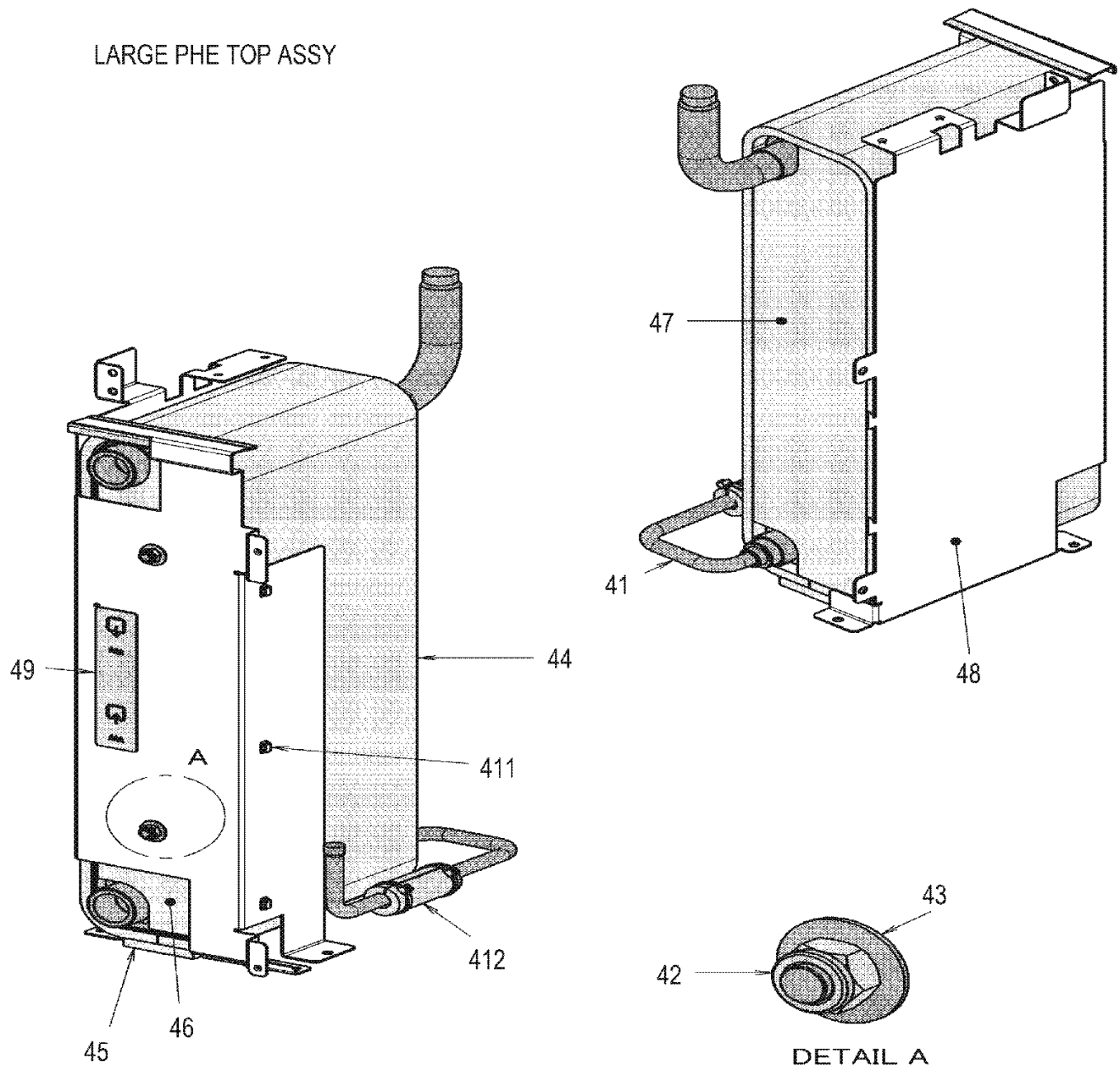
11	5022356	COMPRESSOR
12	5022572	COMPRESSOR SOUNDPROOF MANTLE
13	5019613	COMPRESSOR SOUNDPROOF HEAD
14	5019614	COMPRESSOR MOUNTING BOLT ASSY (QTY 3)
15	5019615	RUBBER VIBRATION ISOLATOR (QTY 3)
16	5019616	MOUNTING PLATE (ASSY)(COMP)

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

LARGE PLATE HEAT EXCHANGER TOP ASSY

LARGE PHE TOP ASSY



LARGE PLATE HEAT EXCHANGER TOP ASSY

Ref. Part			Ref. Part	
No: No:	Description:		No: No:	Description:

Image 1:

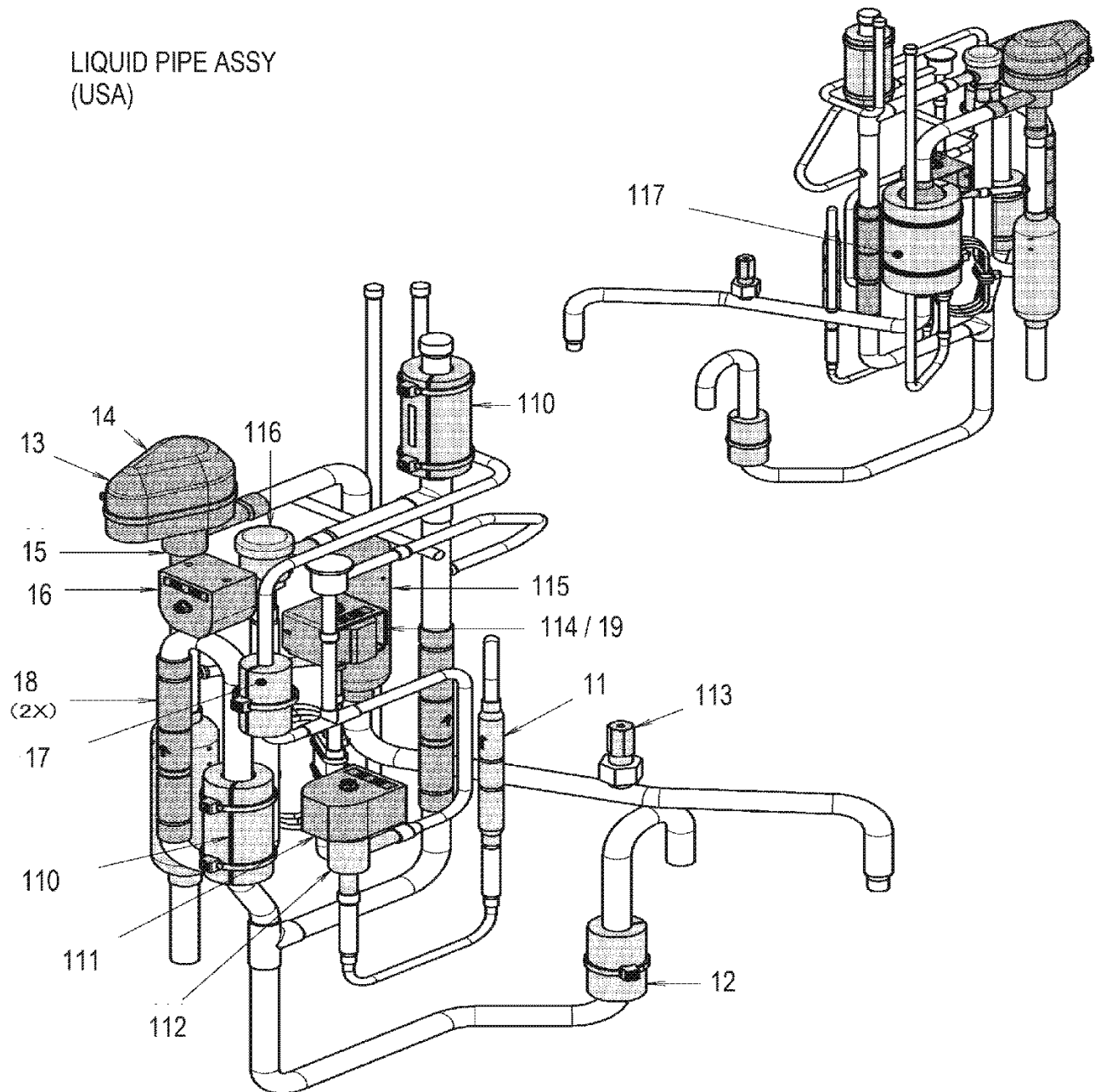
41	5018937	PLATE HEAT EXCHANGER
42	5019631	LOCKNUT (QTY 2)
43	5019632	WASHER (QTY 2)
44	5019633	THERMAL INSULATION (BPHE MAIN)
45	5019634	SEALING MATERIAL (BPHE BOTTOM)
46	5019635	THERMAL INSULATION (BPHE FRONT)
47	5019636	THERMAL INSULATION (BPHE REAR)
48	5019637	SUPPORT PLATE (BPHE)
49	5019638	STICKER WATER IN/OUTLET
411	5019640	PLASTIC BAND (QTY 3)
412	5019641	INSULATION TUBE

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

LIQUID PIPE ASSY

LIQUID PIPE ASSY
(USA)



LIQUID PIPE ASSY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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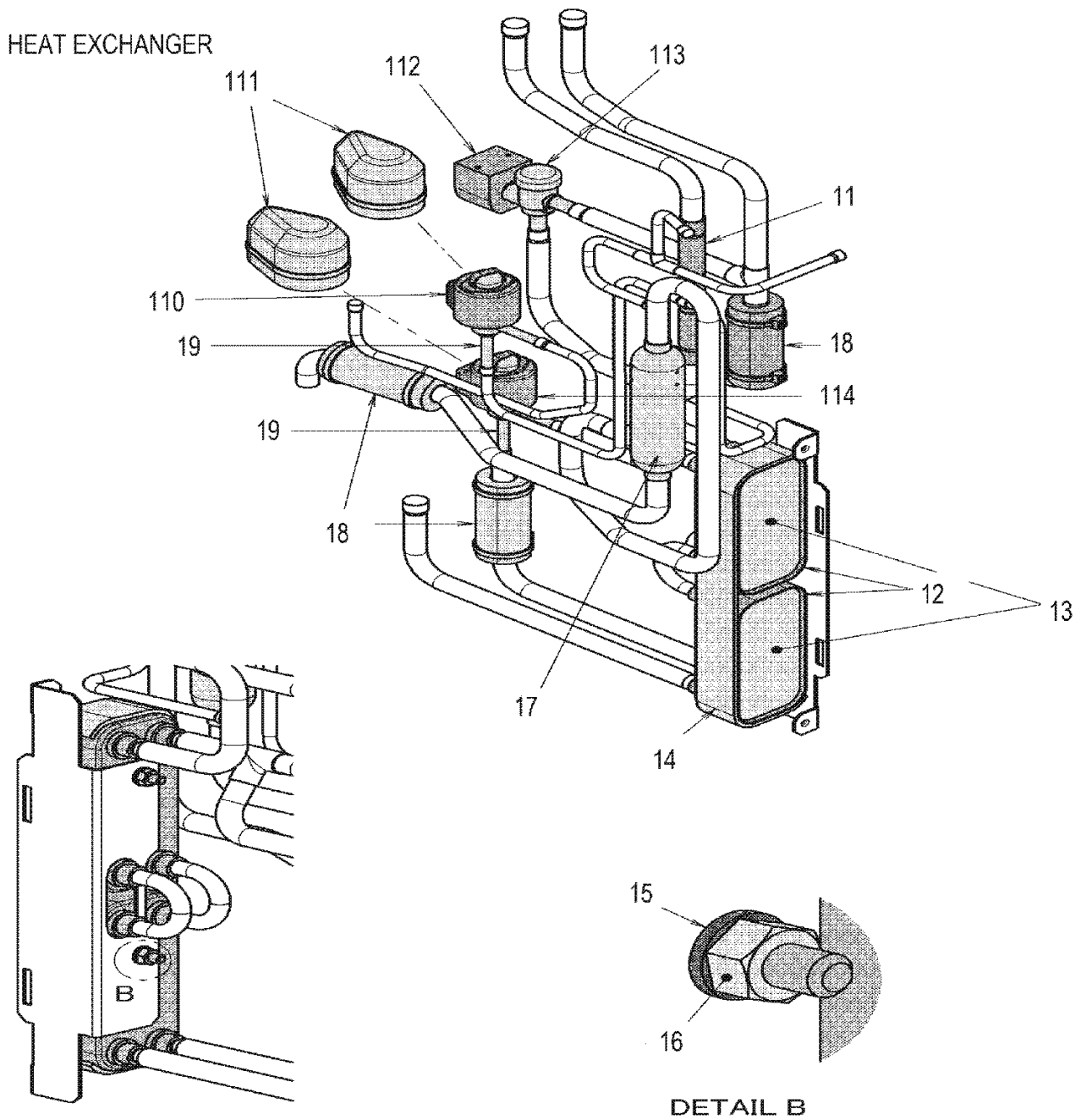
Image 1:

11	5019646	CHECK VALVE
12	5019647	INSULATION TUBE
13	5019648	MOTOR OPERATED VALVE COIL
14	5019522	PROTECTION CAP
15	5013809	SOLENOID VALVE BODY
16	5019650	SOLENOID VALVE COIL
17	5004283	INSULATION TUBE
18	107638J	CHECK VALVE (QTY 2)
19	5017097	SOLENOID VALVE BODY
110	5019641	INSULATION TUBE (QTY 2)
111	5019651	SOLENOID VALVE COIL
112	5019653	SOLENOID VALVE BODY
113	5019654	FUSIBLE PLUG
114	5019656	SOLENOID VALVE COIL
115	5008027	FILTER (QTY 2)
116	5013811	SOLENOID VALVE BODY
117	5019657	INSULATION TUBE

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

SUBCOOL PIPE ASSY



SUBCOOL PIPE ASSY

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

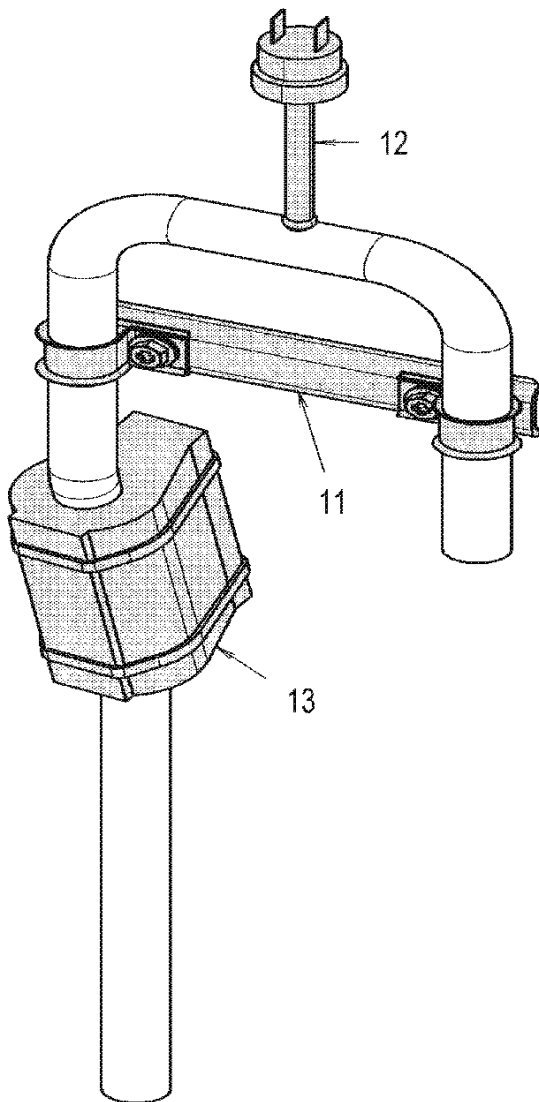
11	107638J	CHECK VALVE
12	5019658	PLATE HEAT EXCHANGER (QTY 2)
13	5019659	SMALL HE INSULATION FRONT (QTY 2)
14	5019660	SMALL HE INSULATION MAIN
15	5019661	PLAIN WASHER (M6) (QTY 2)
16	5019662	HEXAGON NUT (QTY 2)
17	5008027	FILTER
18	5019641	INSULATION TUBE (QTY 3)
19	5012494	SOLENOID VALVE BODY (QTY 2)
110	5019663	MOTOR OPERATED VALVE COIL
111	5019522	PROTECTION CAP (QTY 2)
112	5019664	SOLENOID VALVE COIL
113	5013811	SOLENOID VALVE BODY
114	5019666	MOTOR OPERATED VALVE COIL

Expanded Model Nomenclature

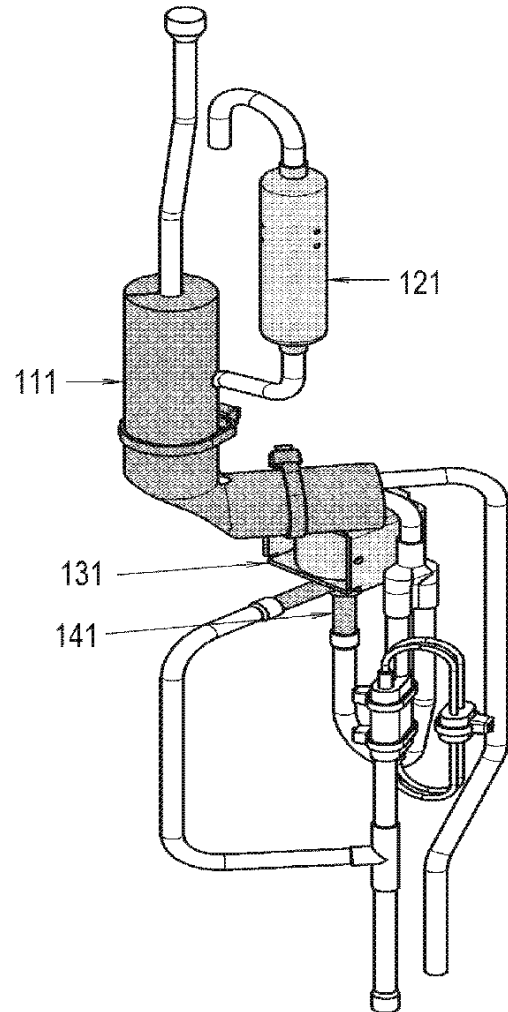
M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

DISCHARGE PIPE ASSY / RECEIVER PIPE ASSY

DISCHARGE PIPE ASSY



REFRIGERANT PIPE ASSY ORT TOP



DISCHARGE PIPE ASSY / RECEIVER PIPE ASSY

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

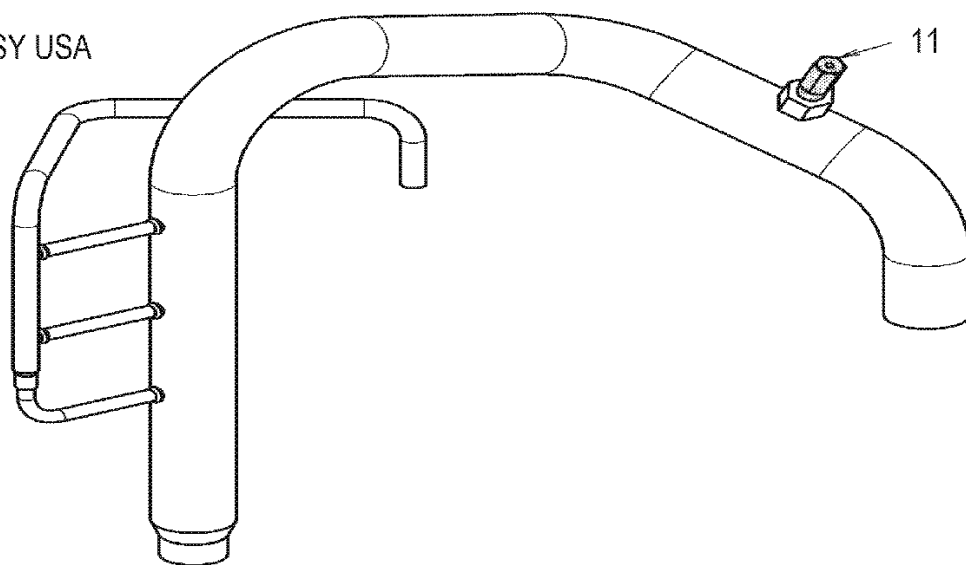
11	5019667	MOUNTING PLATE (ASSY) (DISCHARGE)
12	5008508	HIGH PRESSURE SWITCH
13	5019668	INSULATION
111	5019669	INSULATION TUBE BENDED
121	301218P	FILTER
131	5019670	SOLENOID VALVE COIL
141	5017097	SOLENOID VALVE BODY

Expanded Model Nomenclature

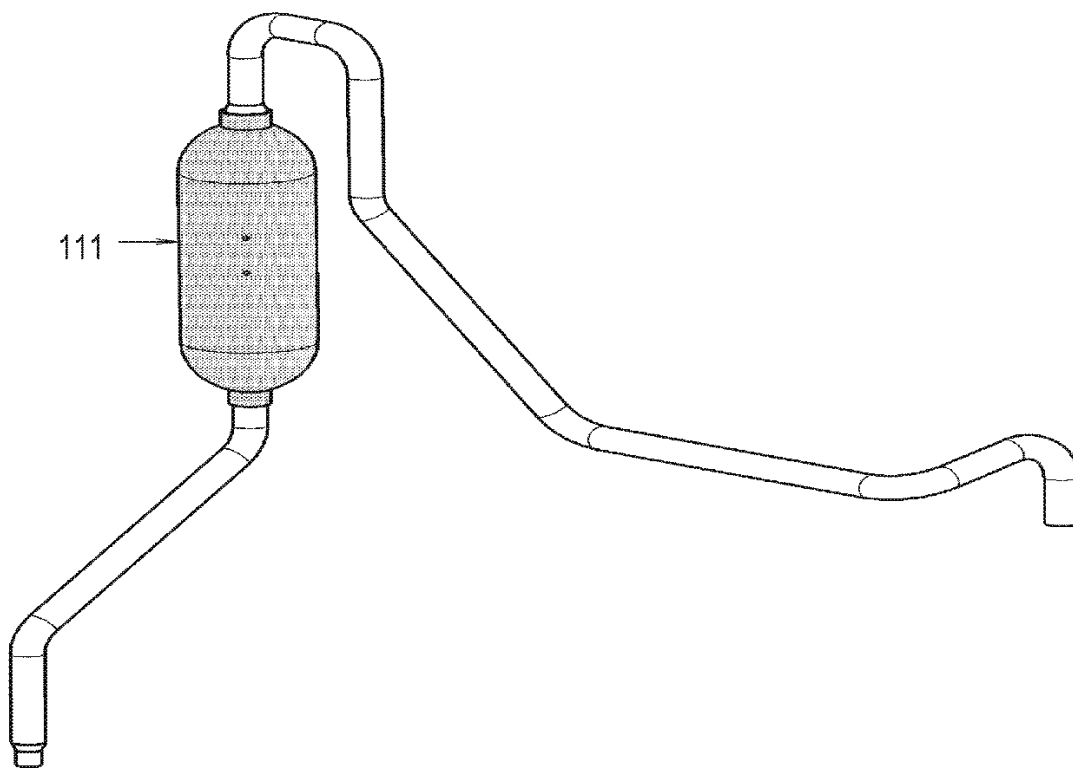
M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

SUCTION PIPE ASSY / INJECTION PIPE ASSY

SUCTION PIPE ASSY USA



REFRIGERANT PIPE ASSY INJECTION



SUCTION PIPE ASSY / INJECTION PIPE ASSY

Ref. Part		Ref. Part	
No:	No:	No:	No:
Description:		Description:	

Image 1:

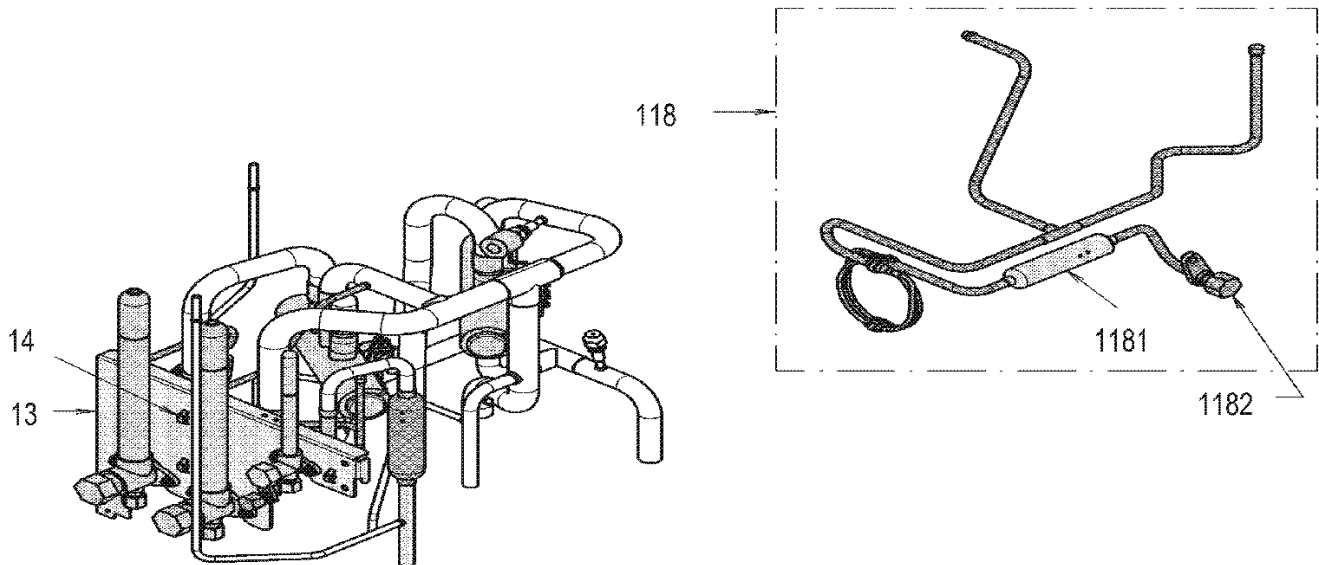
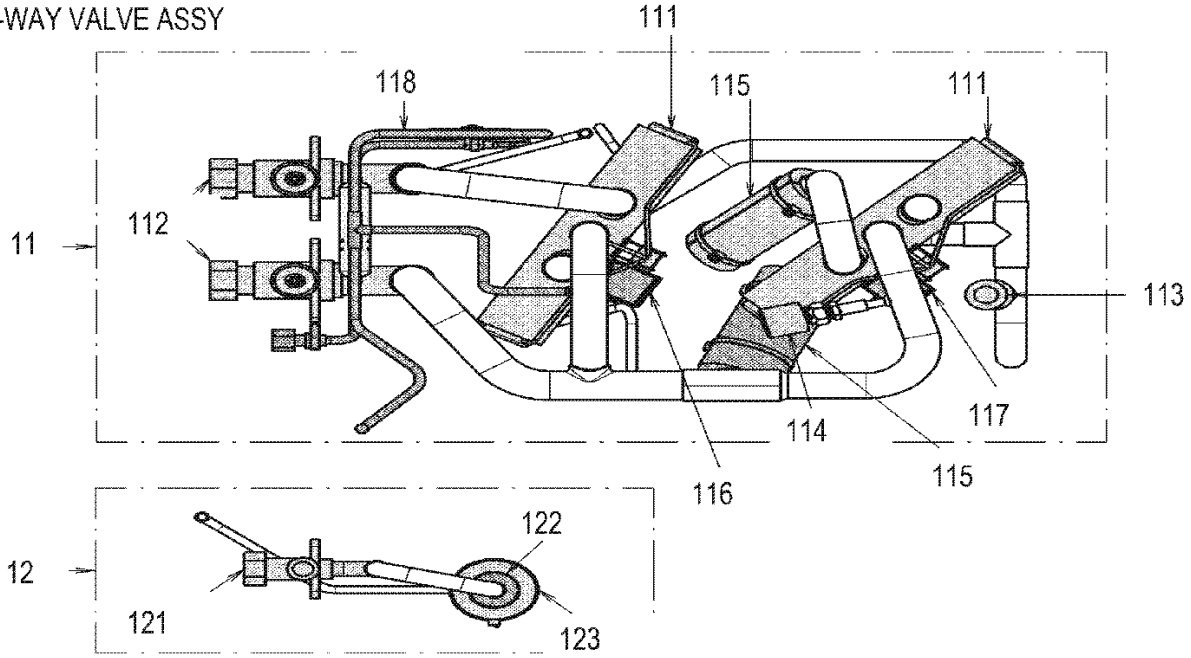
11	5019654	FUSIBLE PLUG
111	5008537	MUFFLER

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

4 WAY VALVE PIPE ASSY

4-WAY VALVE ASSY



4 WAY VALVE PIPE ASSY

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

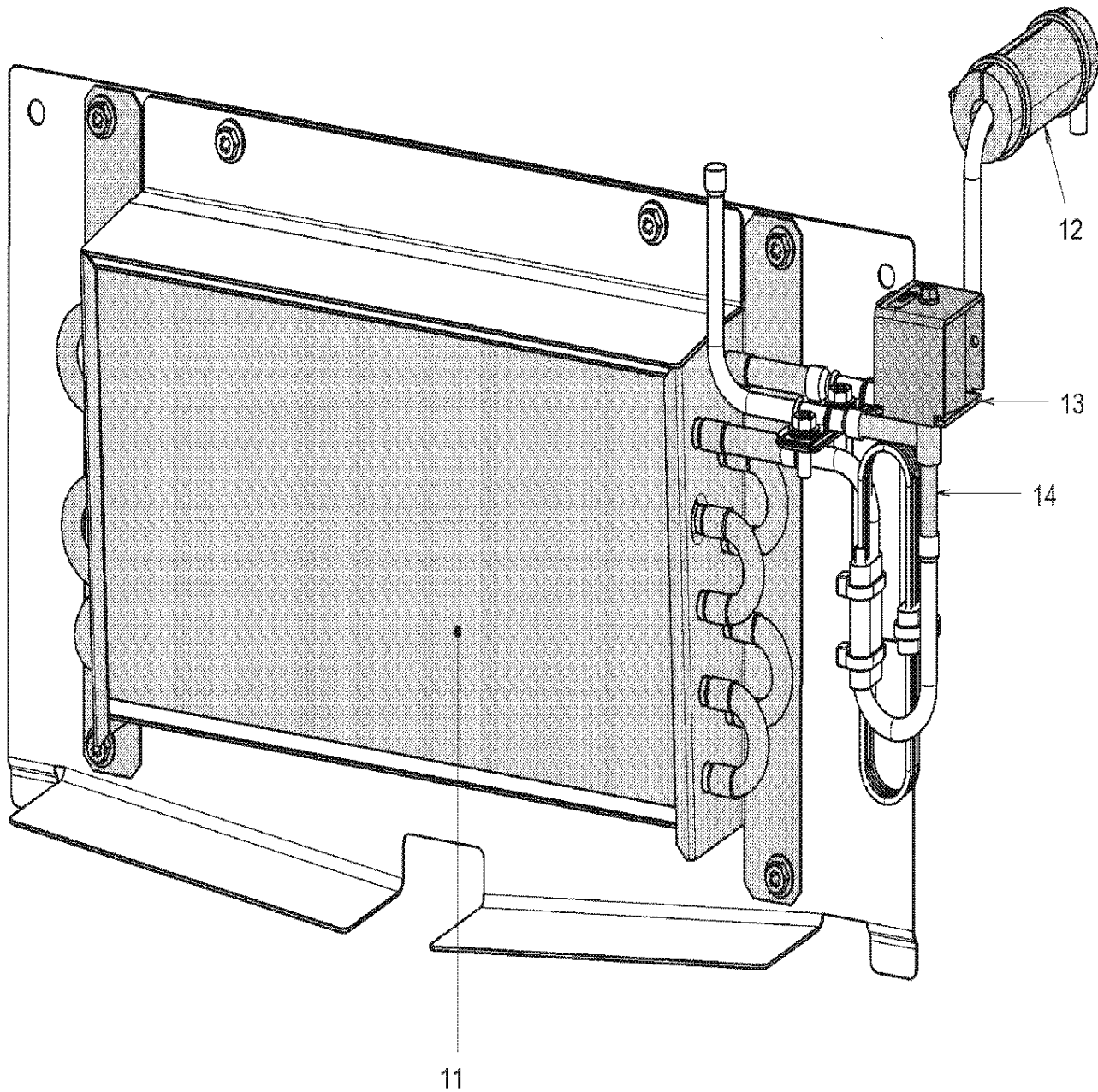
11	NA	4 WAY VALVE ASSY TOP 1
12	NA	4 WAY VALVE ASSY TOP 2
13	5019679	STOP VALVE MOUNTING PLATE
14	5019640	PLASTIC BAND (QTY 3)
111	5015354	4 WAY VALVE BODY (QTY 2)
112	5009799	STOP VALVE (QTY 2)
113	5019672	PRESSURE SENSOR (HP)
114	5019673	PRESSURE SENSOR (LP)
115	5019674	INSULATION TUBE
116	5019676	SOLENOID VALVE COIL
117	5019678	SOLENOID VALVE COIL
118	NA	4 WAY VALVE ASSY SUB D
121	5009801	STOP VALVE
122	5008027	FILTER
123	5019657	INSULATION TUBE
1181	301218P	FILTER
1182	5015454	SERVICE PORT

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

FIN PLATE HEAT EXCHANGER (FOR SWITCHBOX)

PFHE TOP ASSY (SWBX)



FIN PLATE HEAT EXCHANGER (FOR SWITCHBOX)

Ref. Part		Ref. Part	
No:	No:	No:	No:
Description:		Description:	

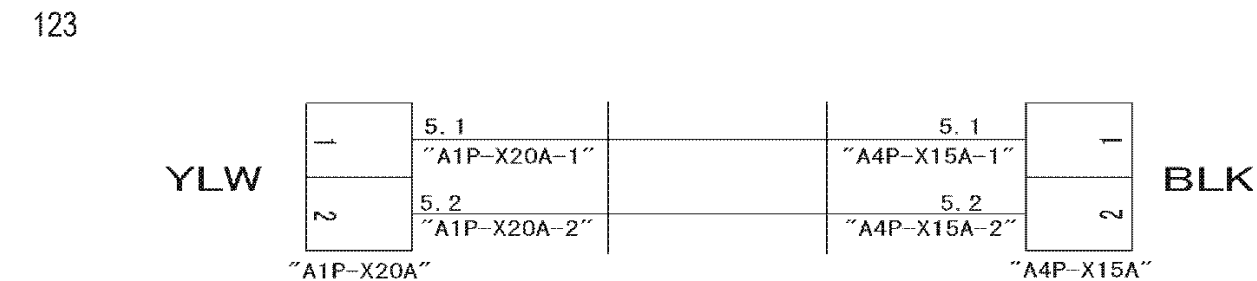
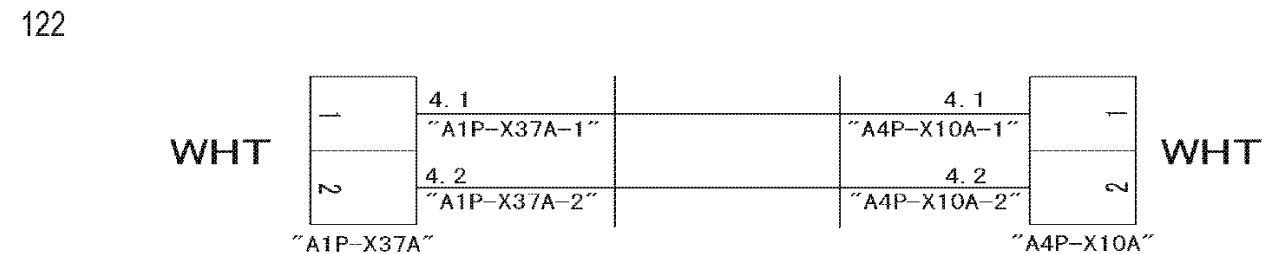
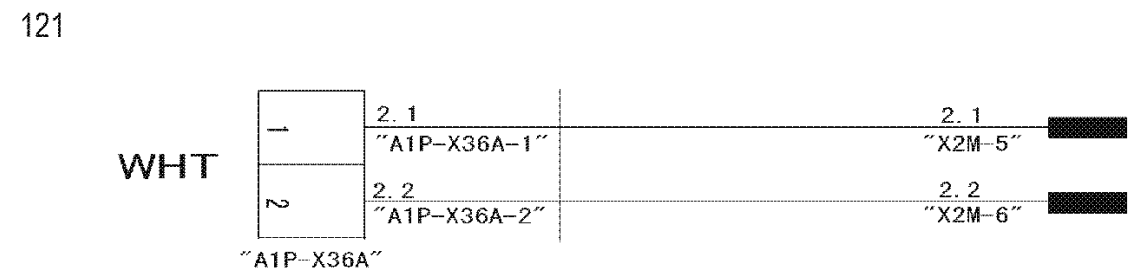
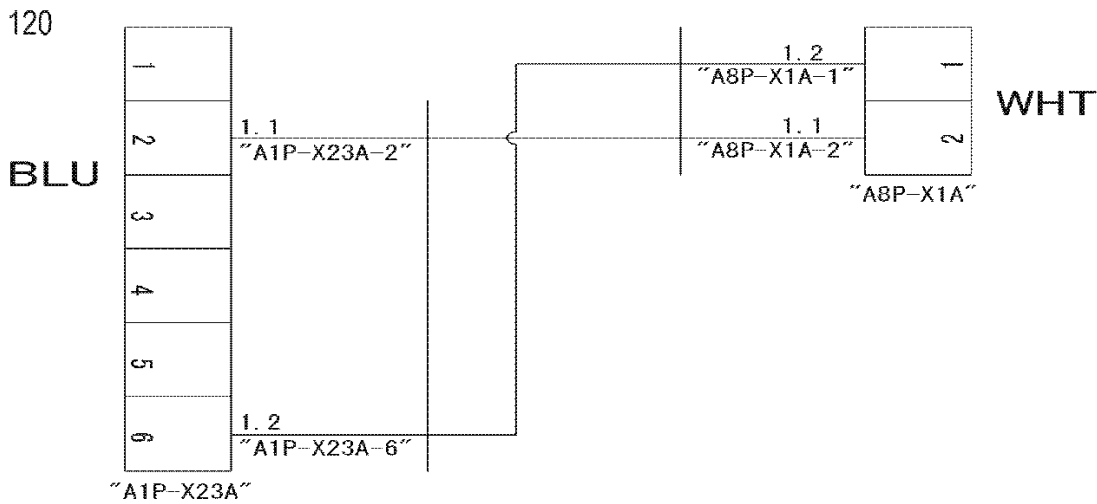
Image 1:

11	5019642	PLATE FINNED COIL HE
12	5019643	INSULATION TU BE
13	5019645	SOLENOID VALVE COIL
14	5017097	SOLENOID VALVE BODY

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

GENERAL CABLE 1/3 RWE(Y)Q*T*



GENERAL CABLE 1/3 RWE(Y)Q*T*

Ref. Part			Ref. Part	
No: No:	Description:		No: No:	Description:

Image 1:

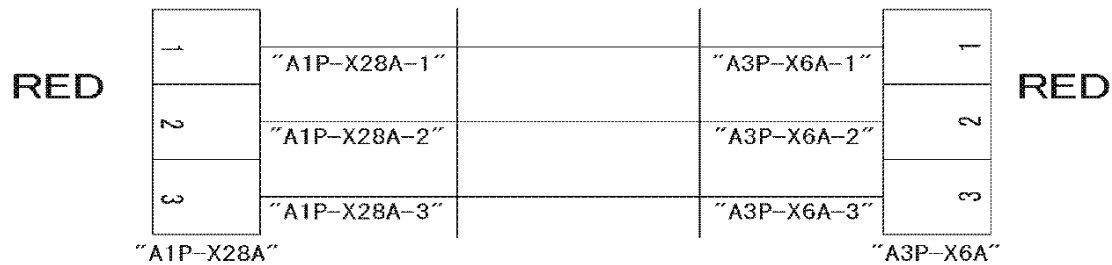
120	5019692	WIRE HARNESS ASSY
121	5019693	WIRE HARNESS ASSY
122	5019694	WIRE HARNESS ASSY
123	5019695	WIRE HARNESS ASSY

Expanded Model Nomenclature

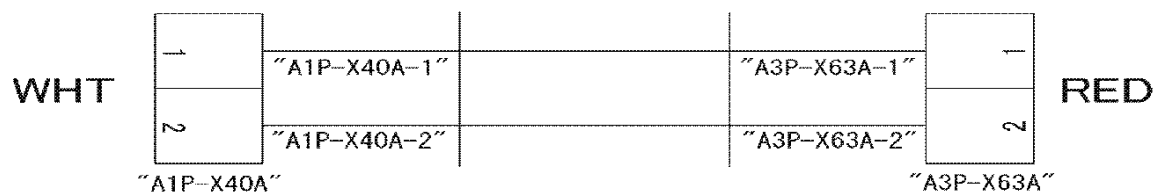
M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

GENERAL CABLE 2/3 RWE(Y)Q*T*

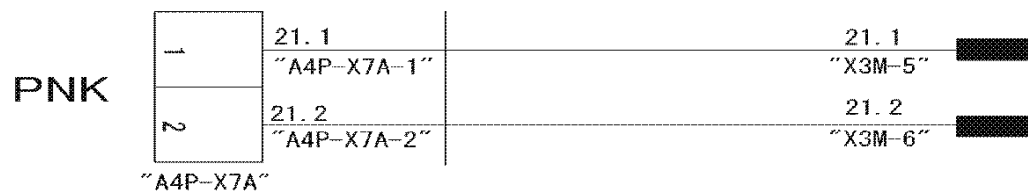
124



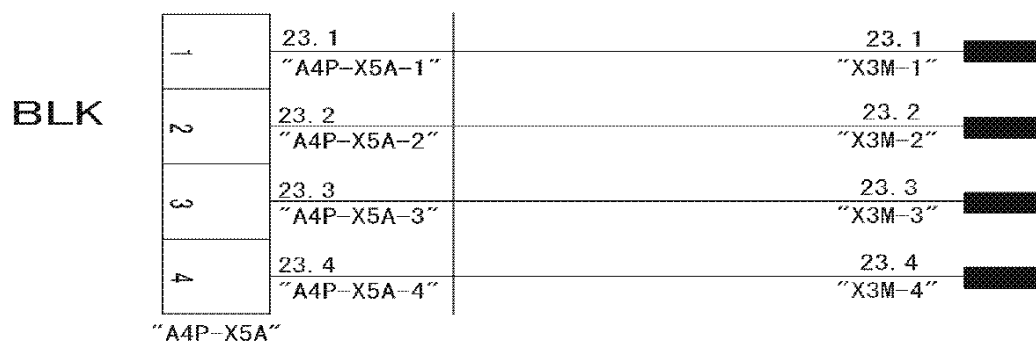
125



126



127



GENERAL CABLE 2/3 RWE(Y)Q*T*

Ref. Part		Ref. Part	
No:	No:	No:	No:
Description:		Description:	

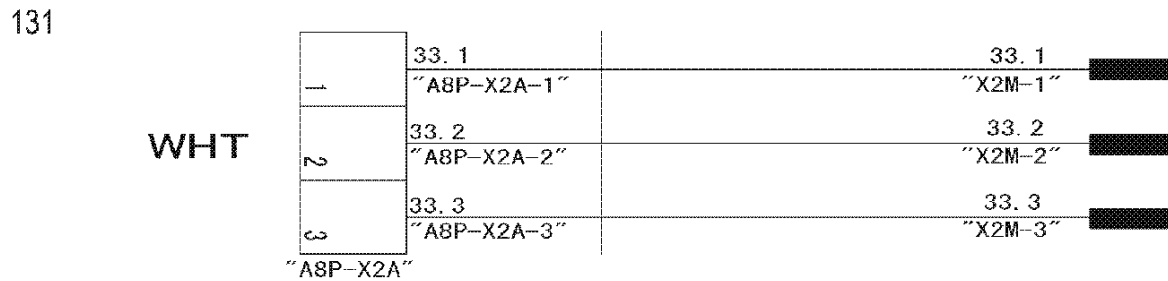
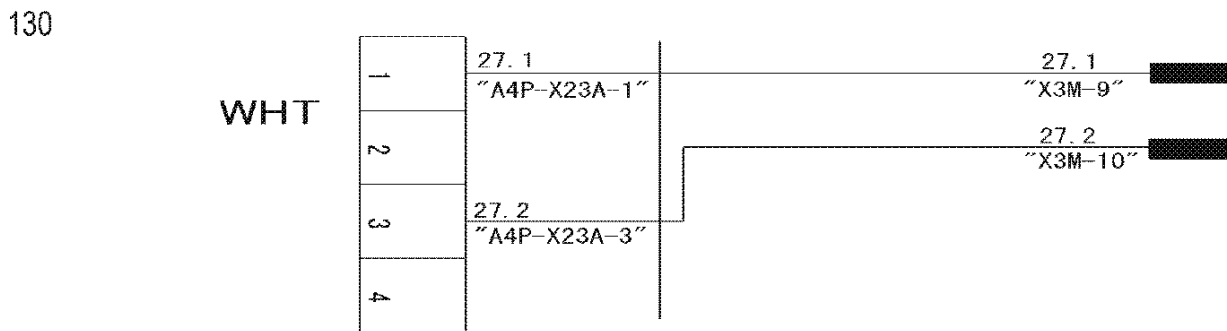
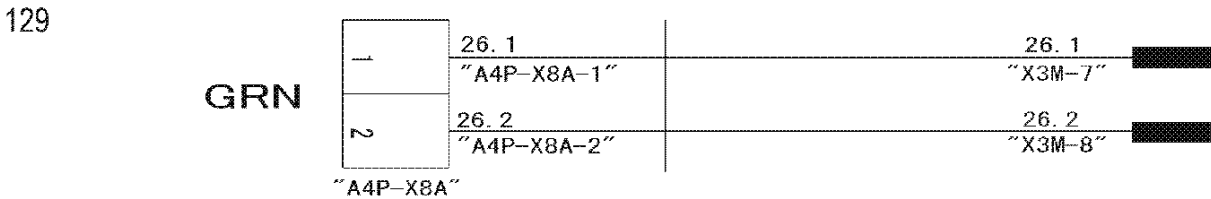
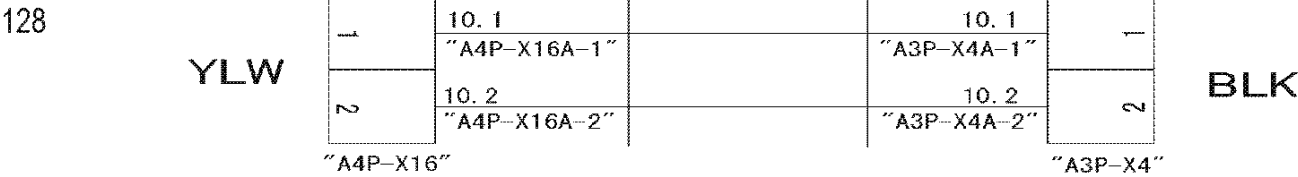
Image 1:

124	5022363	WIRE HARNESS ASSY
125	5022364	WIRE HARNESS ASSY
126	5019698	WIRE HARNESS ASSY
127	5019699	WIRE HARNESS ASSY

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

GENERAL CABLE 3/3 RWE(Y)Q*T*



GENERAL CABLE 3/3 RWE(Y)Q*T*

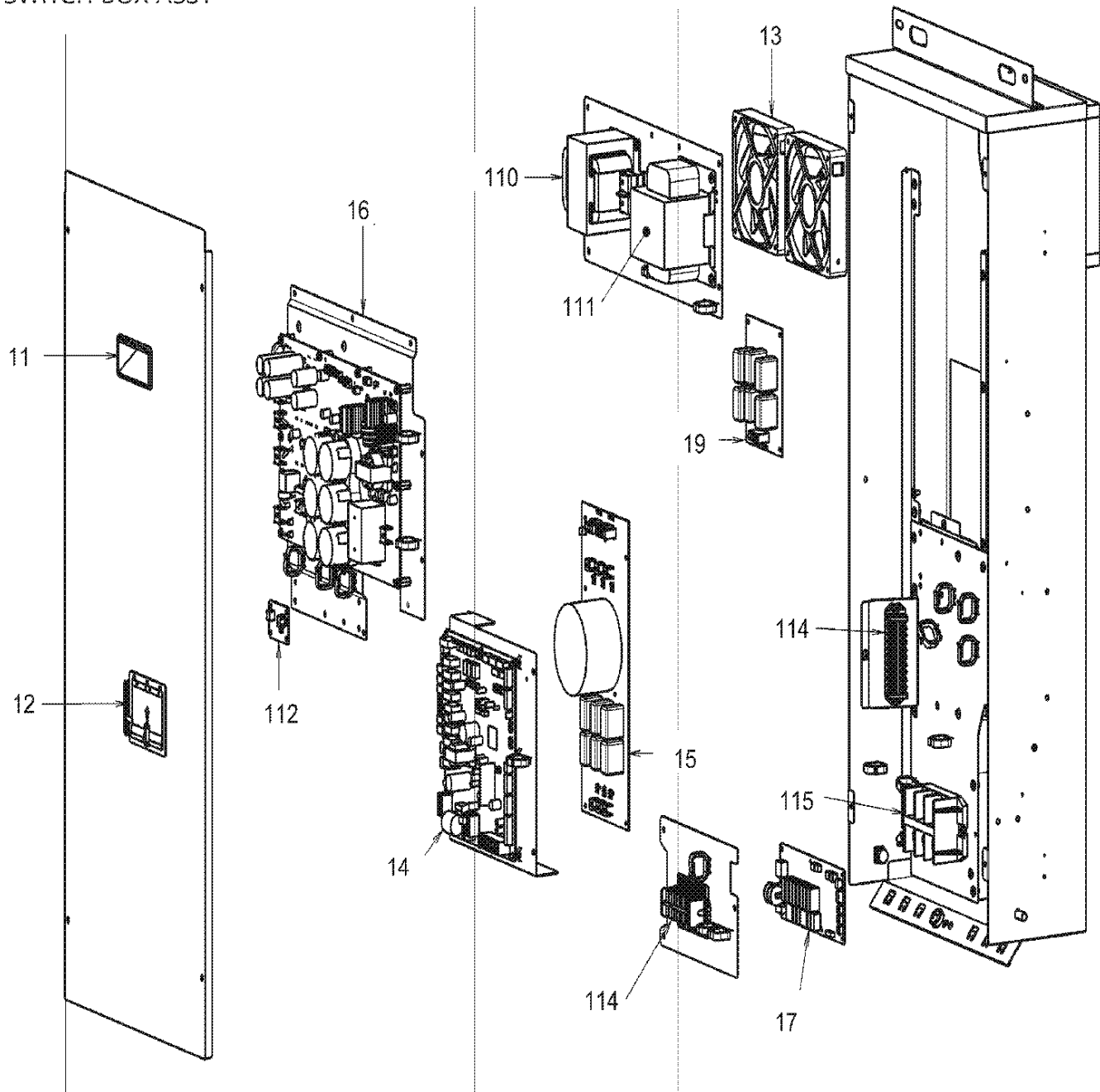
Ref. Part		Ref. Part	
No: No:	Description:	No: No:	Description:
Image 1:			
128	5019700		WIRE HARNESS ASSY
129	5019701		WIRE HARNESS ASSY
130	5019702		WIRE HARNESS ASSY
131	5019703		WIRE HARNESS ASSY
132	5016023		WIRE HARNESS ASSY

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

SWITCH BOX FOR RWEQ*TAYCU

SWITCH BOX ASSY



SWITCH BOX FOR RWEQ*TAYCU

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	5019688	HANDLE (SWB)
12	5019689	INSPECT HOLE
13	5019733	COOLING FAN MOTOR (QTY 2)
14	5022357	PCB ASSY(MAIN)
15	5022358	PCB ASSY (NOISE FILTER-MAIN)
16	5022359	PCB ASSY (INVERTER)
17	5018944	PCB ASSY(SUB)
19	5022360	PCB ASSY(NOISE FILTER-SUB)
110	5022361	REACTOR
111	5022362	LOW FREQUENCY TRANSFORMER
112	5019687	PCB ASSY(ADAPTER)
114	5019691	TERMINAL STRIP (QTY 2)
115	070664J	TERMINAL STRIP

Expanded Model Nomenclature

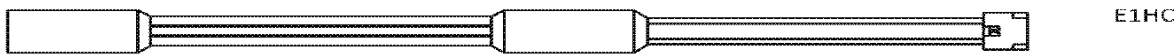
M1 - RWEQ120TAYCU

M2 - RWEQ144TAYCU

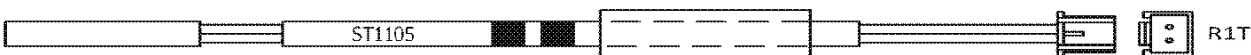
M3 - RWEQ96TAYCU

THERMISTORS 1/3

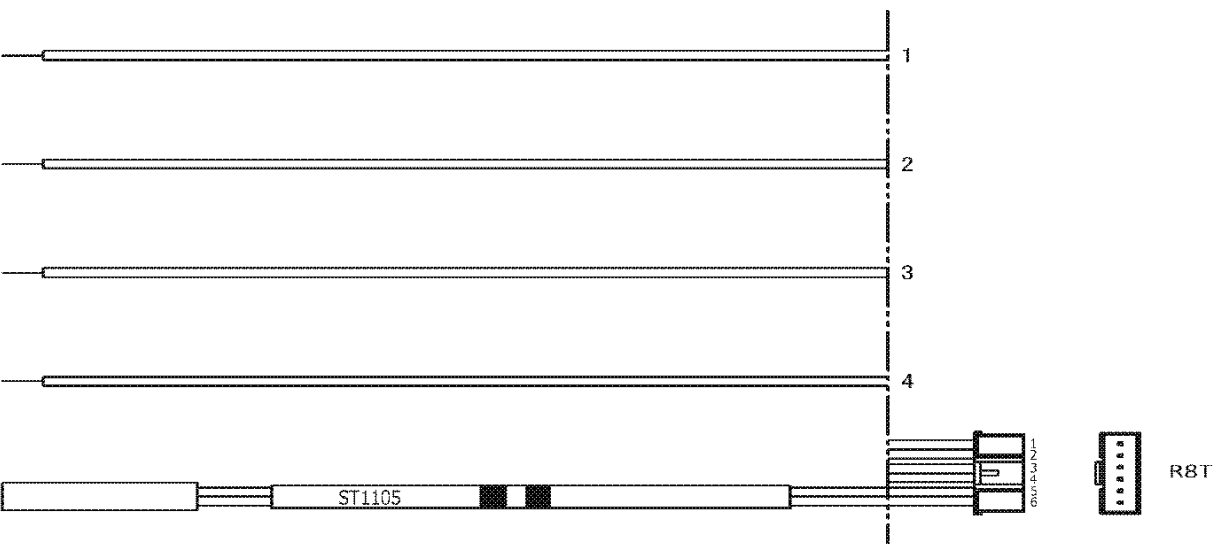
150



151



152



153



THERMISTORS 1/3

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

150	5019715	CRANKCASE HEATER
151	5019716	THERMISTOR
152	5019717	THERMISTOR ASSY 1
153	5019718	THERMISTOR ASSY 2

Expanded Model Nomenclature

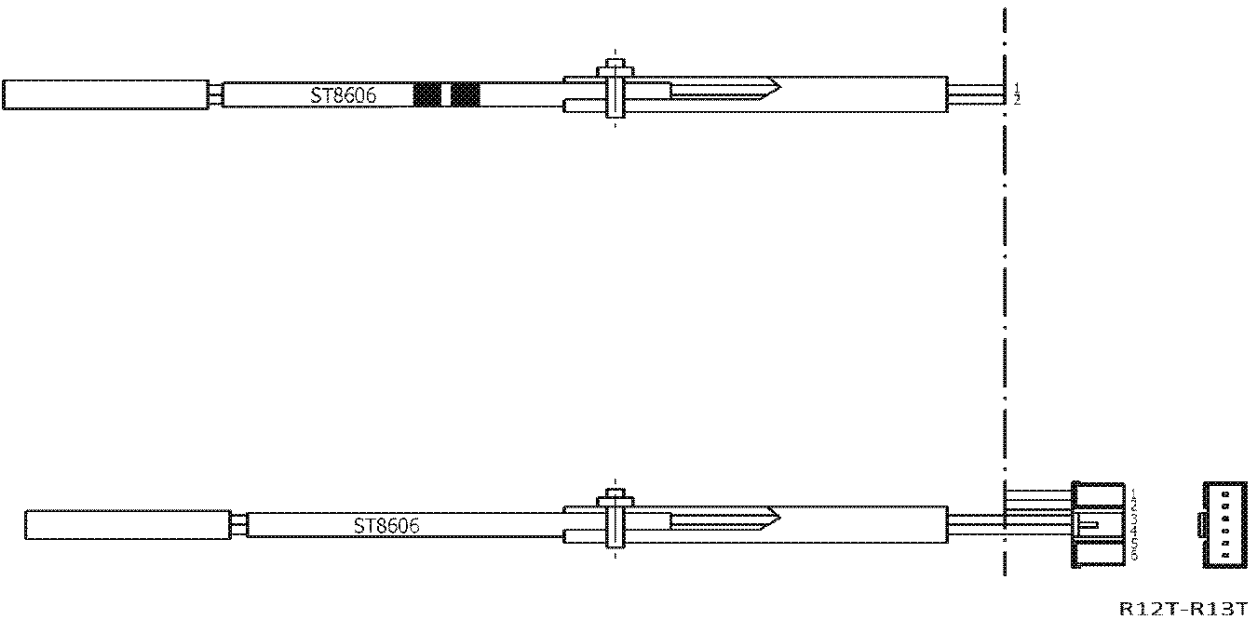
M1 - RWEQ120TAYCU

M2 - RWEQ144TAYCU

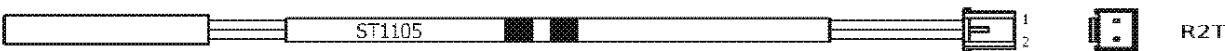
M3 - RWEQ96TAYCU

THERMISTORS 2/3

154



156



THERMISTORS 2/3

Ref. Part		Ref. Part	
No:	No:	No:	No:
Description:		Description:	

Image 1:

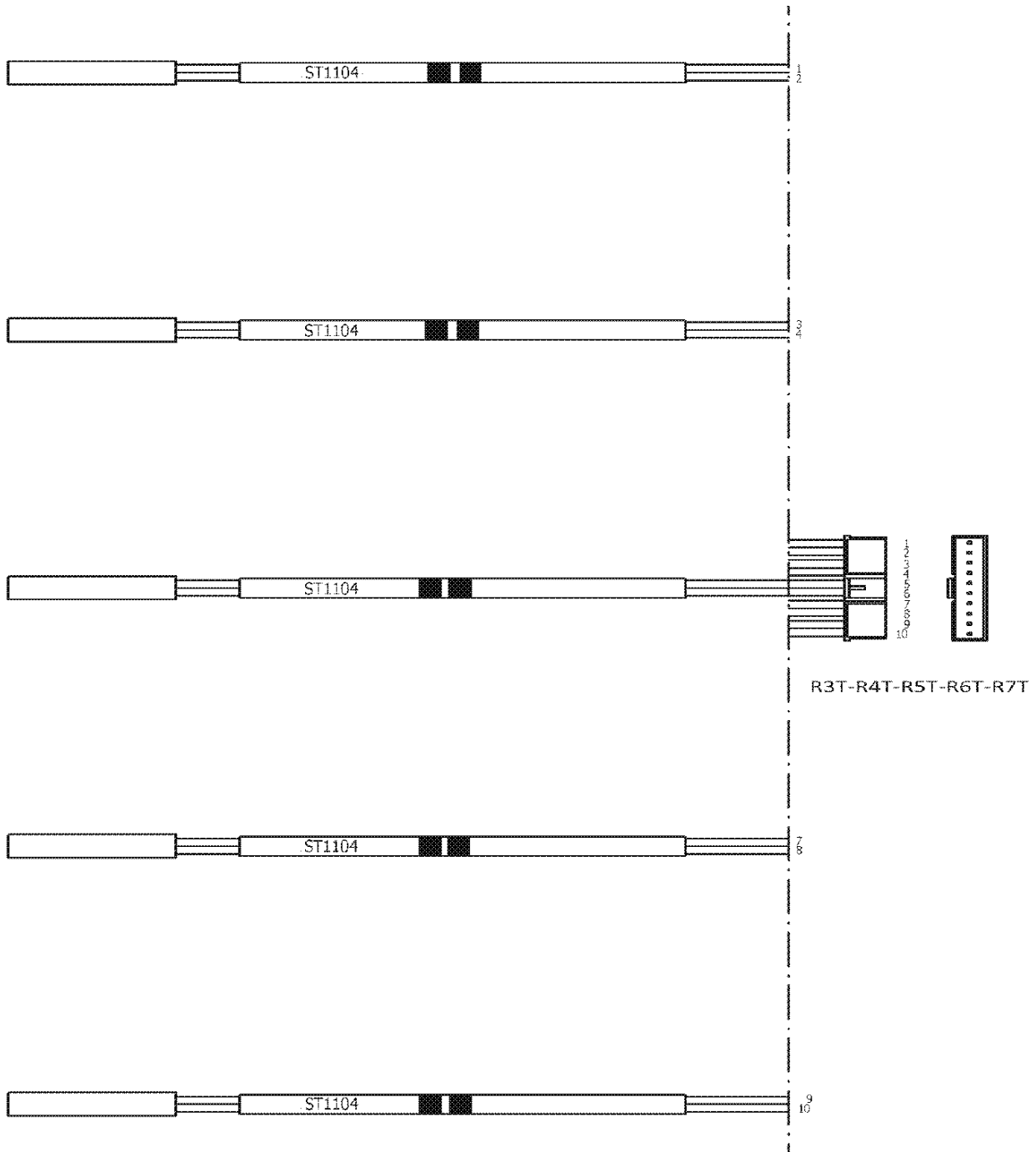
154	5019719	THERMISTOR ASSY 3
156	5019721	THERMISTOR ASSY 5

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

THERMISTORS 3/3

155



THERMISTORS 3/3

Ref. Part		Ref. Part	
No:	No:	No:	No:
Description:		Description:	

Image 1:

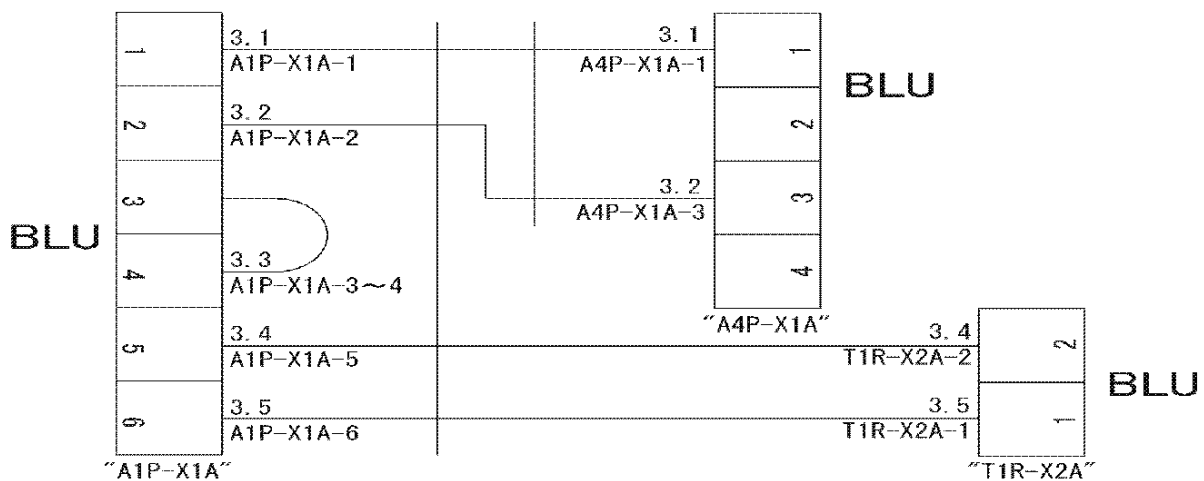
155 5019720 THERMISTOR ASSY 4

Expanded Model Nomenclature

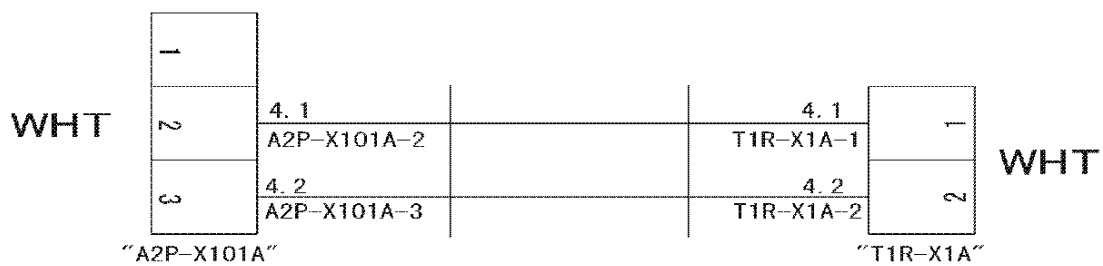
M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

CABLES FOR RWEQ*TAYCU 1/3

133



134



135



136



CABLES FOR RWEQ*TAYCU 1/3

Ref. Part		Ref. Part	
No:	No:	No:	No:
Description:		Description:	

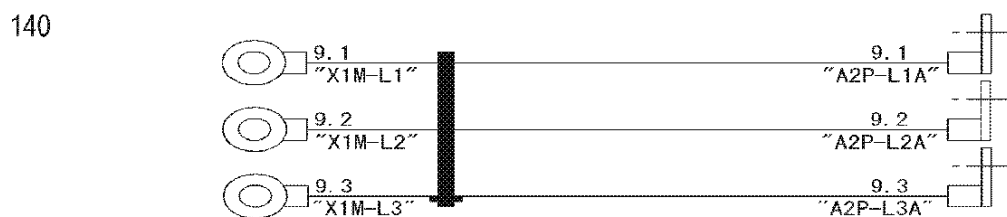
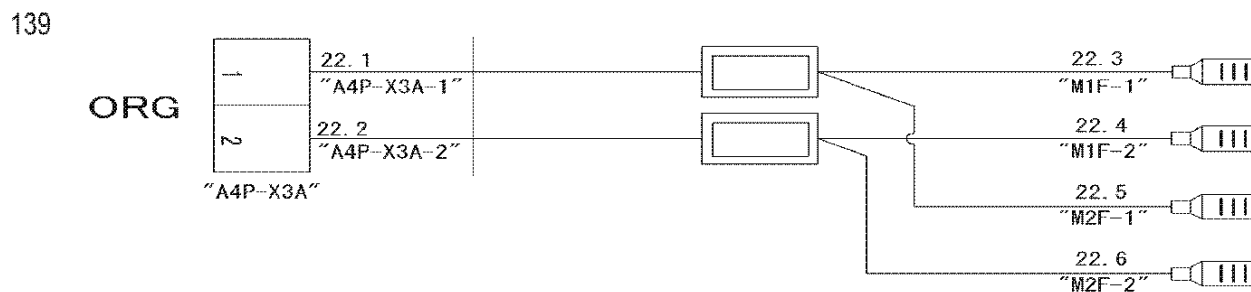
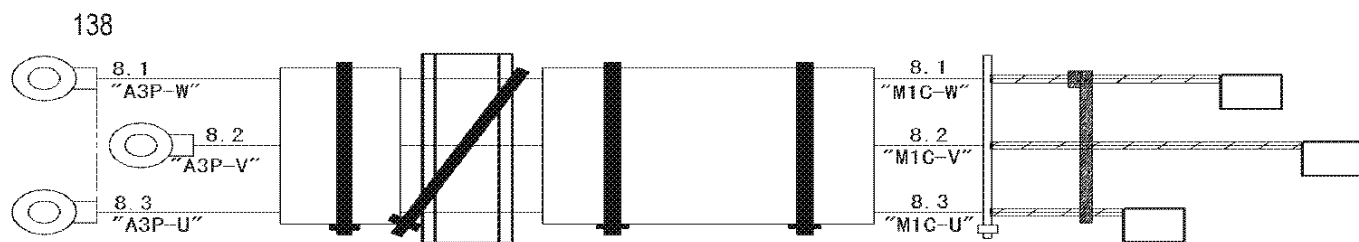
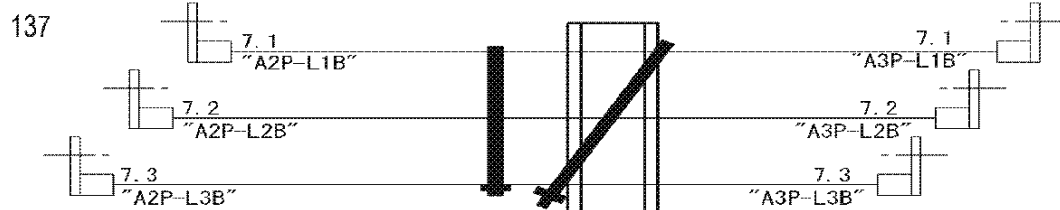
Image 1:

133	5022365	WIRE HARNESS ASSY
134	5022366	WIRE HARNESS ASSY
135	5022367	WIRE HARNESS ASSY
136	5022368	WIRE HARNESS ASSY

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

CABLES FOR RWEQ*TAYCU 2/3



CABLES FOR RWEQ*TAYCU 2/3

Ref. Part			Ref. Part	
No: No:	Description:		No: No:	Description:

Image 1:

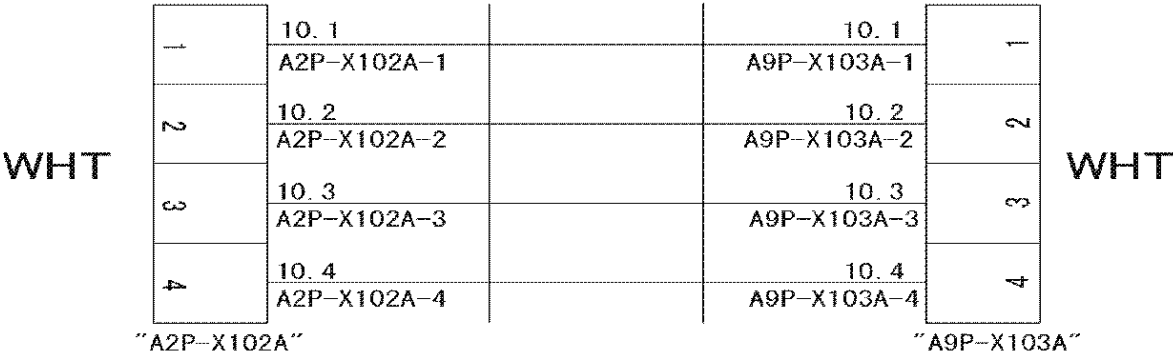
137	5022369	WIRE HARNESS ASSY
138	5022370	WIRE HARNESS ASSY COMPRESSOR
139	5019709	WIRE HARNESS ASSY FAN MOTOR
140	5022371	WIRE HARNESS ASSY

Expanded Model Nomenclature

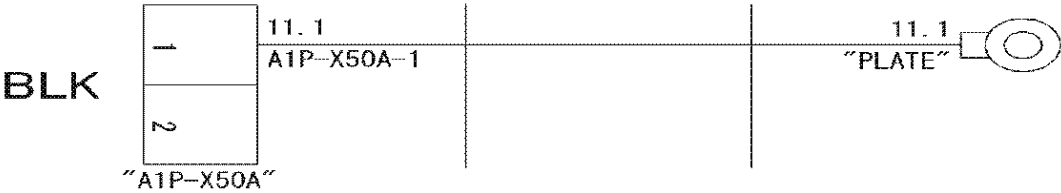
M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

CABLES FOR RWEQ*TAYCU 3/3

141



142



146



CABLES FOR RWEQ*TAYCU 3/3

Ref. Part		Ref. Part	
No:	No:	No:	No:
Description:		Description:	

Image 1:

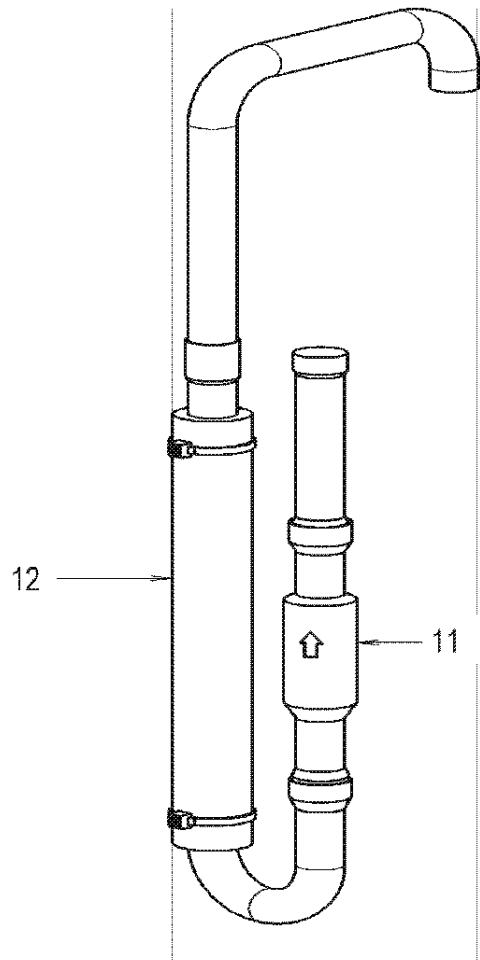
141	5022372	WIRE HARNESS ASSY
142	5022373	WIRE HARNESS ASSY
146	5019731	WIRE HARNESS ASSY

Expanded Model Nomenclature

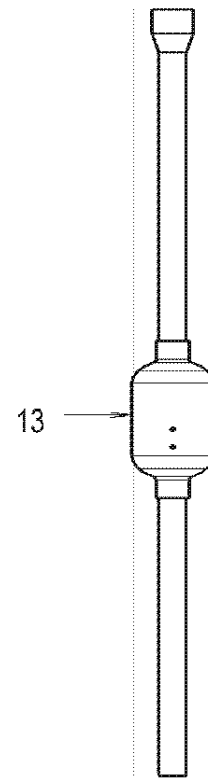
M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

REFRIGERANT PIPE ASSY RV / FILTER

REFRIGERANT PIPE ASSY



REFRIGERANT PIPE ASSY FILTER



REFRIGERANT PIPE ASSY RV / FILTER

Ref. Part		Ref. Part	
No:	No:	No:	No:
Description:		Description:	

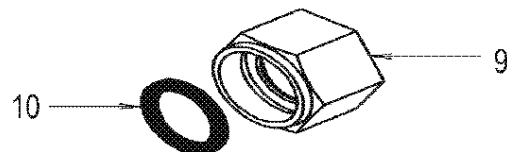
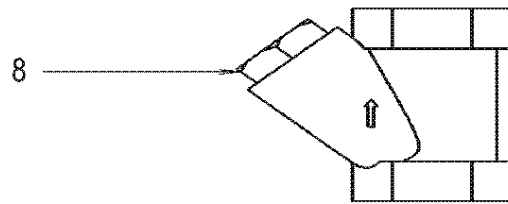
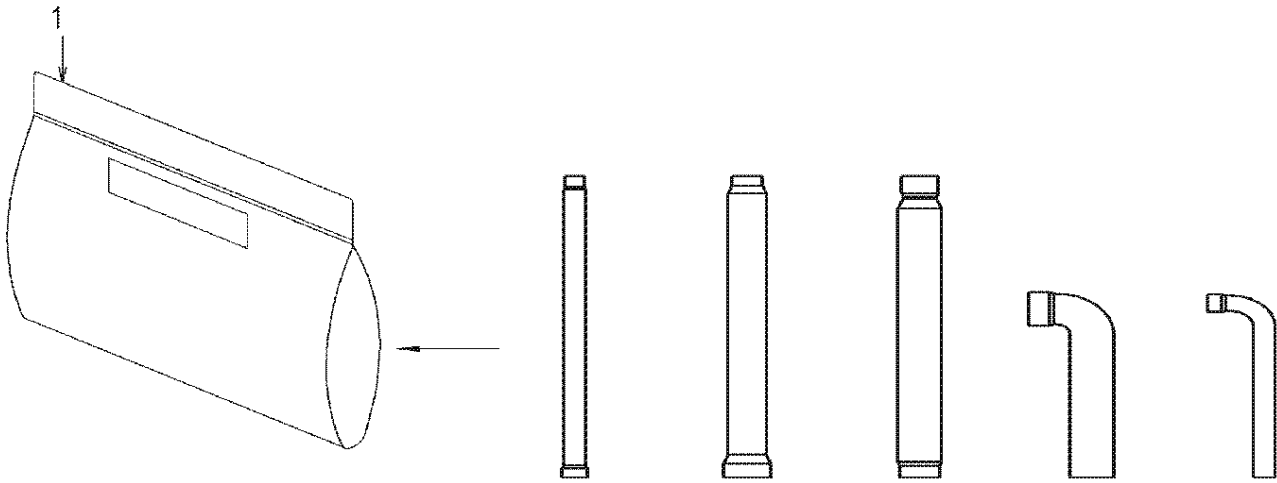
Image 1:

11	5009806	CHECK VALVE
12	5018972	INSULATION TUBE
13	5009808	FILTER

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU

ACCESSORIES BAG PIPES/WATER FILTER/ADAPT



ACCESSORIES BAG PIPES/WATER FILTER/ADAPT

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

1	5019684	ACCESSORIES BAG (10HP US FIELD) (M3)
1	5019685	ACCESSORIES BAG (12HP US FIELD) (M1)
1	5019686	ACCESSORIES BAG (14HP US FIELD) (M2)
8	5022374	ACCESSORIES BAG (WATER FILTER)
9	5022459	ACCESSORIES BAG (ADAPTER) (QTY 2)
10	5022460	ACCESSORIES BAG (RUBBER GASKET) (QTY 2)

Expanded Model Nomenclature

M1 - RWEQ120TAYCU
M2 - RWEQ144TAYCU
M3 - RWEQ96TAYCU