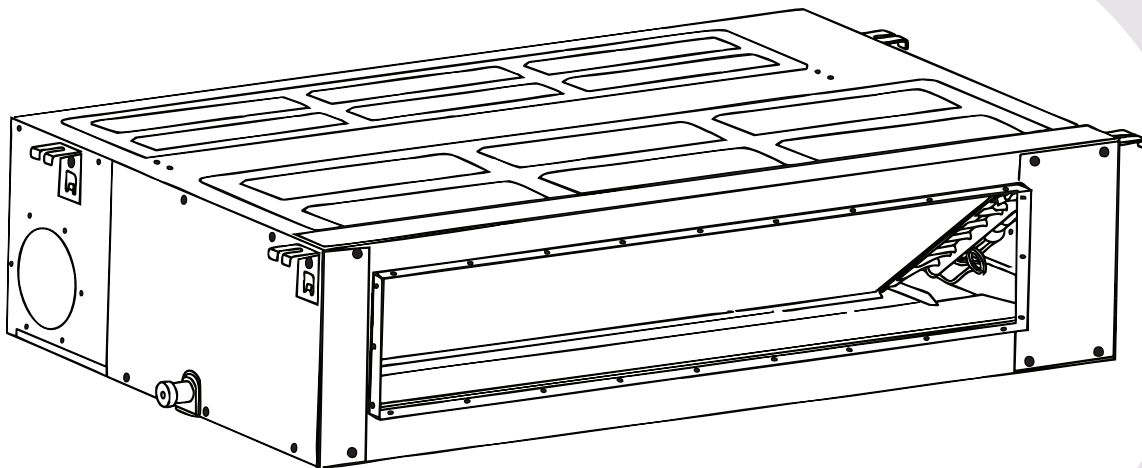


PIONEER®

RYT-24 Inverter Series

For 9,000-24,000 BTU/hr Systems

Quantum Ultra (R-454B)



Parts Diagram

Note

Intended for use with Single-Zone Split Systems. If the indoor sections will be installed as part of a Multi-Zone System, refer to the supplemental instructions provided with the Multi-Zone Outdoor Unit for complete and accurate guidance. Certain specifications—such as minimum floor area requirements—may differ, and are outlined in more detail within the Multi-Zone Section documentation.

IMPORTANT NOTICE:

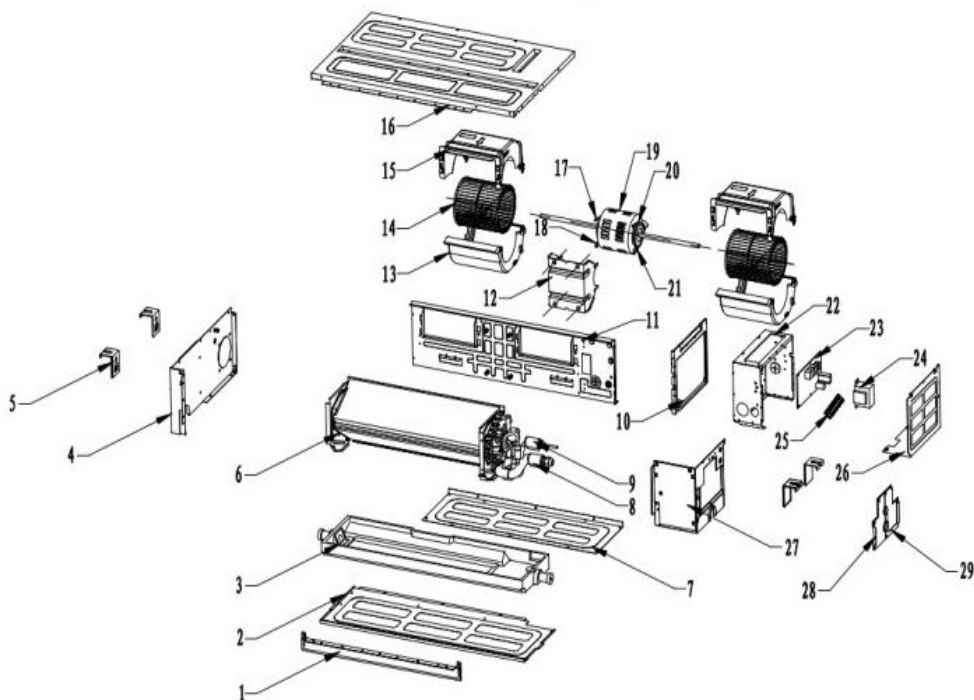
Please read this manual carefully before installing or operating your new air conditioning system. Be sure to save this manual for future reference.



REV250618

RYT009GLSI24RL

Indoor Unit: RT009GLSILCFHG



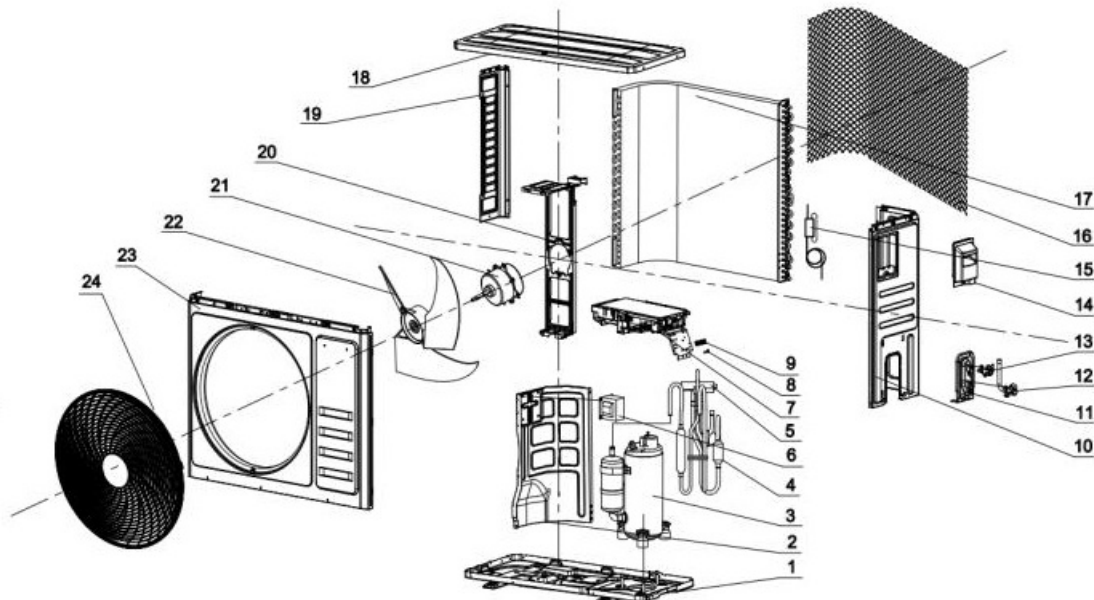
No.	Part No.	Part Name	Q'ty	Remark
1	46101-000391	Front panel assembly	1	
2	46101-000392	Base	1	
3	45011-000049	Water pan assembly	1	
4	45003-000414	Left plate assembly	1	
5	45014-002175	Hook	3	
	45014-004783	Hook	1	
6	K0304-110287	Evaporator	1	
7	45008-000224	Return air plate	1	
8	95016-001680	Evaporator output tube assembly	1	
9	95016-001681	Evaporator input tube assembly	1	
10	45014-005425	Electric control box mounting plate	1	
11	46101-000156	Middle metal panel assembly	1	
12	/	Motor mount	1	
13	41304-000022	Volute assembly	1	
14	42004-000148	Centrifugal fan	1	
15	41214-000828	Up volute	2	
16	46101-000385	Top cover	1	
17	45005-000416	Motor buckle upper left	1	
18	45005-000399	Motor buckle assembly bottom left	1	
19	25001-000446	Fan motor	1	
20	45005-000328	Motor buckle upper right	1	
21	45005-000259	Motor buckle assembly bottom right	1	
22	45006-001711	Electrical box	1	
23	35004-001869	Main PCB	1	
24	/	Reactor	1	

Indoor Unit: RT009GLSILCFHG (Continued)

25	11304-100063	Terminal	1	
26	45006-001704	Electrical box cover	1	
27	45003-000455	Right plate	1	
28	/	Tube sealing plate assembly	1	
29	46101-000405	Drain pipe mounting plate assembly	1	
30	/	Wi-Fi module	1	Not shown in the Explosion view
31	45014-003767	Air filter	1	
32	22014-000008	Wiring control	1	

R YT009GLSI24RL

Outdoor Unit: YN009GLSI24RPG



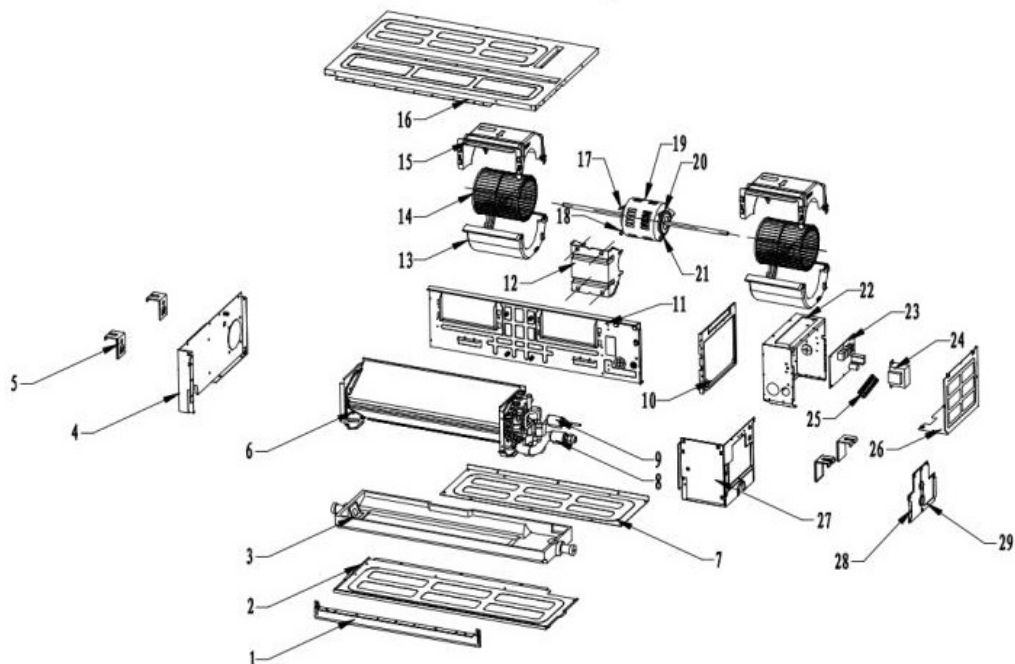
No.	Part No.	Part Name	Q'ty	Remark
1	41202-000641	Base	1	
2	41208-001212	Partition plate	1	
3	92014-001128	Compressor	1	
4	92007-021791	4-way valve assembly	1	
5	92008-000471	4-way valve	1	
6	/	Reactor	/	
7	31201-003237	Outdoor control assembly	1	
8	42001-000036	Clamp	1	
9	11304-100116	Terminal	1	
10	41205-000655	Right plate	1	
11	41204-000018	Valve supporter	1	
12	92007-001041	3-way valve	1	
13	92007-007317	2-way valve	1	
14	41201-000106	Electrical box cover	1	
15	92007-021641	Capillary assembly	1	
16	42011-000185	Back grille	1	
17	92011-008350	Condenser	1	
18	41207-000040	Top cover	1	
19	41205-000131	Support	1	
20	41203-000047	Outdoor motor supporter	1	
21	22001-000555	Outdoor motor	1	
22	42004-000106	Propeller fan	1	
23	41206-000059	Front plate	1	
24	42011-000041	Fan guard	1	
25	A2005-000536	Base carton	1	Not shown in the Explosion view

Outdoor Unit: YN009GLSI24RPG (Continued)

26	A1202-000041	Base foam	1	Not shown in the Explosion view
27	41213-000032	Cover foam	1	
28	92009-000180	Connecting pipe assembly 1	1	
	92009-000187	Connecting pipe assembly 2	1	

R YT012GLSI24RL

Indoor Unit: RT012GLSILCFHG



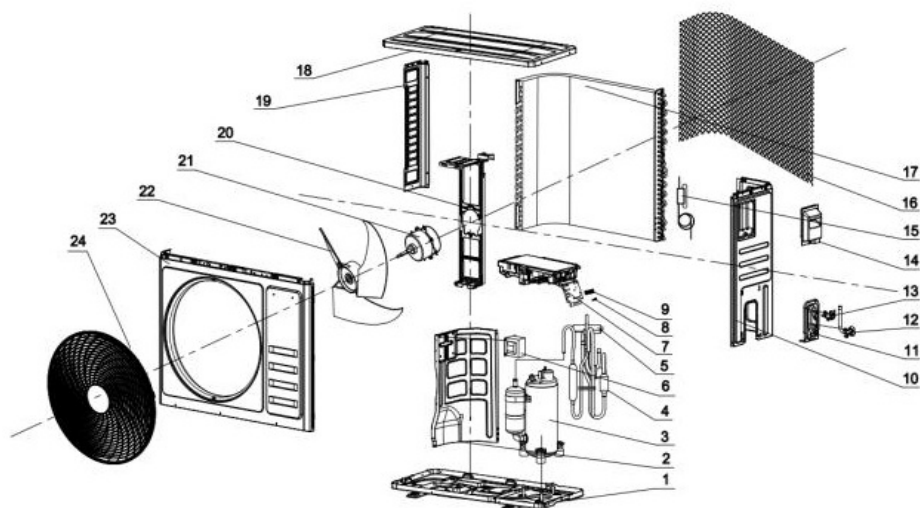
No.	Part No.	Part Name	Q'ty	Remark
1	46101-000391	Front panel assembly	1	
2	46101-000392	Base	1	
3	45011-000049	Water pan assembly	1	
4	45003-000414	Left plate assembly	1	
5	45014-002175	Hook 1	3	
	45014-004783	Hook 2	1	
6	K0304-110287	Evaporator	1	
7	45008-000224	Return air plate	1	
8	95016-001680	Evaporator output tube assembly	1	
9	95016-001681	Evaporator input tube assembly	1	
10	45014-005425	Electric control box mounting plate	1	
11	46101-000156	Middle metal panel assembly	1	
12	/	Motor mount	1	
13	41304-000022	Volute assembly	1	
14	42004-000148	Centrifugal fan	1	
15	41214-000828	Up volute	2	
16	46101-000385	Top cover	1	
17	45005-000416	Motor buckle upper left	1	
18	45005-000399	Motor buckle assembly bottom left	1	
19	25001-000446	Fan motor	1	
20	45005-000328	Motor buckle upper right	1	
21	45005-000259	Motor buckle assembly bottom right	1	
22	45006-001711	Electrical box	1	
23	35004-001869	Main PCB	1	
24	/	Reactor	1	
25	11304-100063	Terminal	1	

Indoor Unit: RT012GLSILCFHG (Continued)

26	45006-001704	Electrical box cover	1	
27	45003-000455	Right plate	1	
28	/	Tube sealing plate assembly	1	
29	46101-000405	Drain pipe mounting plate assembly	1	
30	/	Wi-Fi module	1	Not shown in the Explosion view
31	45014-003767	Air filter	1	
32	22014-000008	Wiring control	1	

RYT012GLSI24RL

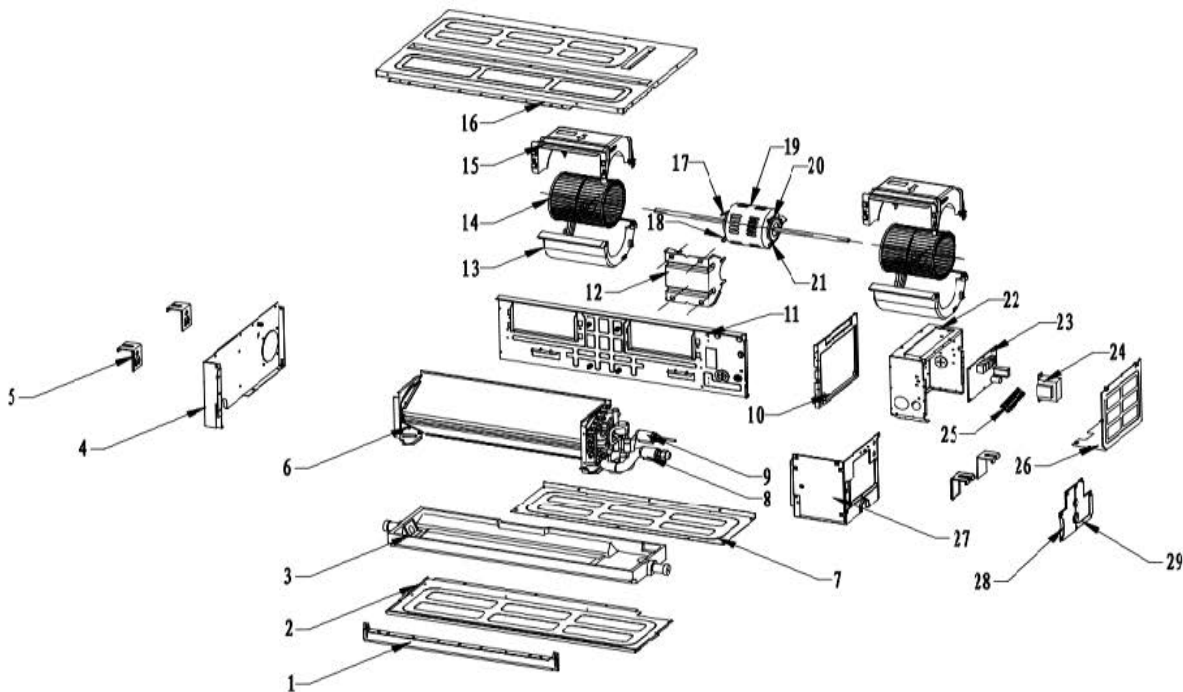
Outdoor Unit: YN012GLSI24RPG



No.	Part No.	Part Name	Q'ty	Remark
1	41202-000641	Base	1	
2	41208-001212	Partition plate	1	
3	92014-000760	Compressor	1	
4	92007-022014	4-way valve assembly	1	
5	92008-000511	4-way valve	1	
6	/	Reactor	/	
7	31201-003337	Outdoor control assembly	1	
8	42001-000036	Clamp	1	
9	11304-100117	Terminal	1	
10	41205-000086	Right plate	1	
11	41204-000018	Valve supporter	1	
12	92007-001041	3-way valve	1	
13	92007-007317	2-way valve	1	
14	41201-000106	Electrical box cover	1	
15	92007-020662	Capillary assembly	1	
16	42011-000185	Back grille	1	
17	92011-000868	Condenser	1	
18	41207-000040	Top cover	1	
19	41205-000131	Support	1	
20	41203-000047	Outdoor motor supporter	1	
21	22001-000555	Outdoor motor	1	
22	42004-000106	Propeller fan	1	
23	41206-000059	Front plate	1	
24	42011-000041	Fan guard	1	
25	A2005-000536	Base carton	1	Not shown in the Explosion view
26	A1202-000041	Base foam	1	
27	41213-000032	Cover foam	1	
28	92009-000180	Connecting pipe assembly 1	1	
	92009-000187	Connecting pipe assembly 2	1	

RYT018GLSI24RL

Indoor Unit: RT018GLSILCFHG



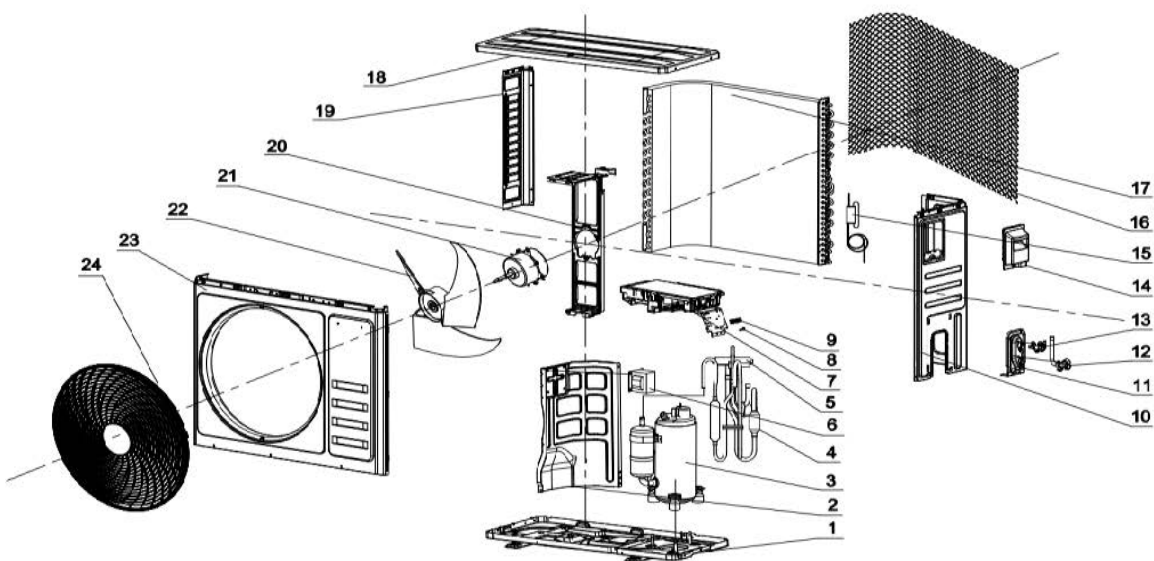
No.	Part No.	Part Name	Q'ty	Remark
1	46101-000394	Front panel assembly	1	
2	46101-000395	Base	1	
3	45011-000103	Water pan assembly	1	
4	45003-000414	Left plate assembly	1	
5	45014-002175	Hook 1	3	
	45014-004783	Hook 2	1	
6	95003-004626	Evaporator	1	
7	45008-000154	Return air plate	1	
8	95016-001699	Evaporator output tube assembly	1	
9	95016-001700	Evaporator input tube assembly	1	
10	45014-005425	Electric control box mounting plate	1	
11	46101-000030	Middle metal panel assembly	1	
12	45005-000586	Motor mount	1	
13	45008-000141	Volute assembly	2	
14	45009-000021	Centrifugal fan	2	
15	45008-000253	Up volute	2	
16	46101-000393	Top cover	1	
17	45005-000259	Motor buckle upper left	1	
18	45005-000328	Motor buckle assembly bottom left	1	
19	25001-000446	Fan motor	1	
20	45005-000416	Motor buckle upper right	1	
21	45005-000399	Motor buckle assembly bottom right	1	
22	45006-001711	Electrical box	1	
23	35004-001869	Main PCB	1	
24	/	Reactor	1	
25	11304-100063	Terminal	1	

Indoor Unit: RT018GLSILCFHG (Continued)

26	45006-001704	Electrical box cover	1	
27	45003-000455	Right plate	1	
28	/	Tube sealing plate assembly	1	
29	46101-000405	Drain pipe mounting plate assembly	1	
31	/	Wi-Fi model	1	Not shown in the Explosion view
32	22014-000015	Wiring control	1	
33	45014-003768	Air filter	1	
34	/	Remote control	1	

R YT018GLSI24RL

Outdoor Unit: YN018GLSI24RPG



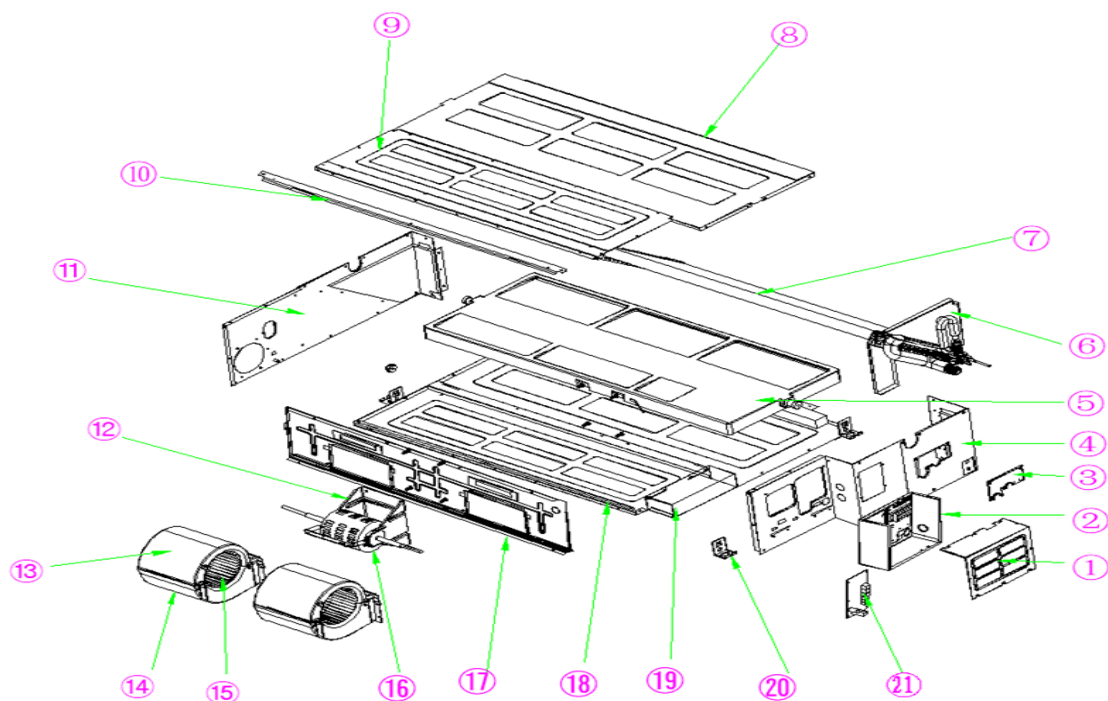
No.	Part No.	Part Name	Q'ty	Remark
1	41202-000371	Base	1	
2	41208-000904	Partition plate	1	
3	92014-000318	Compressor	1	
4	92007-021418	4-way valve assembly	1	
5	92008-000495	4-way valve	1	
6	/	Reactor	/	
7	31201-003301	Outdoor control assembly	1	
8	42001-000036	Clamp	1	
9	11304-100117	Terminal	1	
10	41205-000092	Right plate	1	
11	41204-000018	Valve supporter	1	
12	92007-001042	3-way valve	1	
13	92007-006491	2-way valve	1	
14	41201-000106	Electrical box cover	1	
15	92007-020691	Capillary assembly	1	
16	42011-000187	Back grille	1	
17	92011-006053	Condenser	1	
18	41207-000028	Top cover	1	
19	41205-000135	Support	1	
20	41203-000032	Outdoor motor supporter	1	
21	22001-000147	Outdoor motor	1	
22	42004-000105	Propeller fan	1	
23	41206-000058	Front plate	1	
24	42011-000039	Fan guard	1	
25	A2005-000521	Base carton	1	Not shown in the Explosion view

Outdoor Unit: YN018GLSI24RPG (Continued)

26	A1202-000030	Base foam	1	Not shown in the Explosion view
27	41110-000204	Cover foam	1	
28	10104-100145	Sensor	1	
29	92009-000171	Connecting pipe assembly 1	1	
	92009-000218	Connecting pipe assembly 2	1	

RYT024GLSI24RL

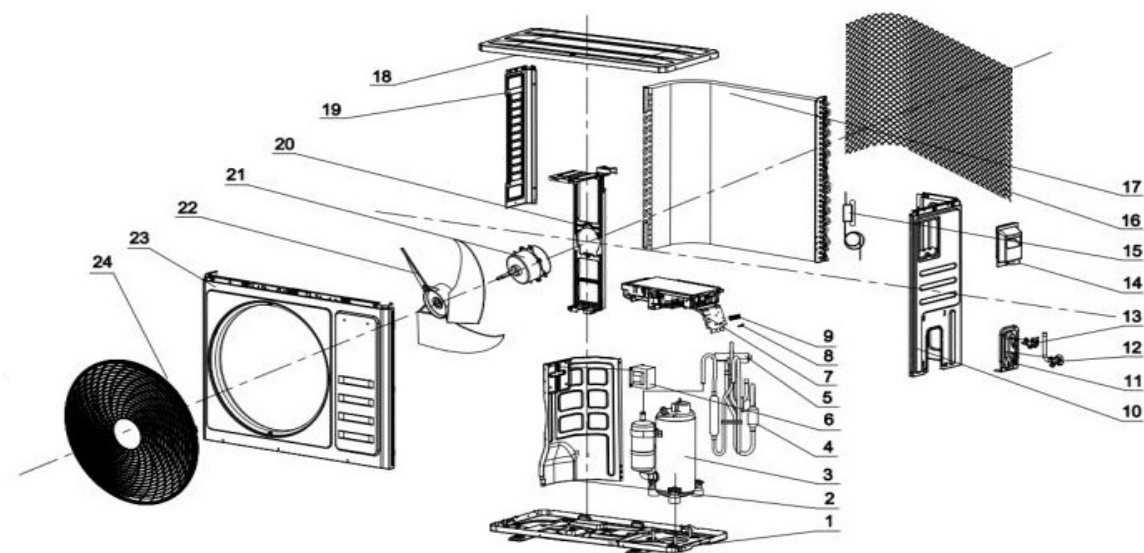
Indoor Unit: RT024GLSILSFHG



No.	Part Number	Name	Q'ty	Remark
1	45006-001705	Control board box cover	1	
2	45006-001708	Control board box	1	
3	/	Inlet and outlet Pipe sealing board assembly	1	
4	45003-000355	Right side panel component	1	
5	45011-000176	Water pan assembly	1	
6	/	Evaporator sealing plate assembly	1	
7	95003-004256	Evaporator	1	
8	/	Bottom cover plate component	1	
9	46101-000342	Return air outlet sealing plate	1	
10	/	Return air outlet horizontal bar	1	
11	45003-000354	Left side panel component	1	
12	45005-000598	Motor fixed board	1	
13	46101-000346	Fan upper volute	2	
14	46101-000347	Fan lower volute	2	
15	45009-000106	Centrifugal fan 1	2	
	45009-000107	Centrifugal fan 2	2	
16	25001-000458	Double shaft motor	1	
17	46101-000411	Middle beam partition component	1	
18	46101-000339	Top cover board component	1	
19	/	Hook supporter	1	
20	46101-000343	Hook	4	
21	35004-001879	Indoor unit control board	1	
22	11501-100018	Relay	1	Not shown in the Explosion view
23	11304-100063	Terminal	1	
24	/	Clamp	2	

RYT024GLSI24RL

Outdoor Unit: YN024GLSI24RPG



No.	Part No.	Part Name	Q'ty	Remark
1	41202-000628	Base	1	
2	41208-001049	Partition plate	1	
3	92014-000814	Compressor	1	
4	92007-021874	4-way valve assembly	1	
5	92008-000495	4-way valve	1	
6	/	Reactor	/	
7	31201-003303	Outdoor control assembly	1	
8	42001-000038	Clamp 1	1	
	42001-000036	Clamp 2	1	
9	11304-100117	Terminal	1	
10	41205-000219	Right plate	1	
11	41204-000018	Valve supporter	1	
12	92007-005289	3-way valve	1	
13	92007-007583	2-way valve	1	
14	41201-000106	Electrical box cover	1	
15	92007-020737	Capillary assembly	1	
16	42011-000419	Back grille	1	
17	92011-008072	Condenser	1	
18	41207-000048	Top cover	1	
19	41205-000217	Support	1	
20	41203-000115	Outdoor motor supporter	1	
21	22001-000147	Outdoor motor	1	
22	42004-000249	Propeller fan	1	
23	41206-000076	Front plate	1	
24	42011-000031	Fan guard	1	
25	A1201-012669	Base carton	1	Not shown in the Explosion view

Outdoor Unit: YN024GLSI24RPG (Continued)

26	A1202-000086	Base foam	1	Not shown in the Explosion view
27	A1202-000085	Cover foam	1	
28	10104-100145	Sensor	1	
29	92009-000171	Connecting pipe assembly 1	1	
	92009-000628	Connecting pipe assembly 2	1	

The design and specifications of this product are subject to change without prior notice as development continues. Consult with the sales agency or manufacturer for details. Refer to the equipment nameplate for all other applicable specifications.

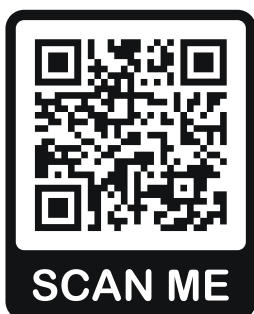


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