



The new degree of comfort.®

RESIDENTIAL **ROTARY**
AIR CONDITIONER

INNOVATION

INSPIRED BY LIFE



@rheemmea

Rheem Middle East and Africa

Learn more at : www.rheem-mea.com



A GREATER DEGREE OF GOOD

From the 2019 launch of our sustainability program, we have focused on making a difference. And as our program has grown and expanded globally through the years, we've amplified our impact. But one thing has remained unchanged: our steadfast commitment to delivering A Greater Degree of Good™

This initiative has helped us develop a deeper understanding of Rheem's place in this world. And while our operations span the globe across borders and customs, we speak a common language- sustainability.

We built our A Greater Degree of Good initiative on three key pillars, each with its corresponding Rheem® 2025 goal and each strategically aligning with 2030 United Nations Sustainable Development Goals (SDGs).

DESIGNED FOR ZERO WASTE



DEGREES OF LEADERSHIP

Our 2025 goal: Train 250,000 plumbers, contractors and key influencers on sustainable products or sustainable installation and recycling best practices.



DEGREES OF INNOVATION

Our 2025 goal: Launch a line of heating, cooling and water heating products that boast a 50% reduction in green house gas footprint.



DEGREES OF EFFICIENCY

Our 2025 goal: Reduce greenhouse gas emissions by 50% and achieve Zero Waste to Landfill in our global manufacturing operations.





SPLIT AIR-CONDITIONER

RW12ARCT00
RW18ARCT01
RW24ARCT01
RW30ARCT01



RW36ARCT01



FEATURES



Emergency Button



5-Fan Speed



Dual Drainage



Louver Position Memory



Self-diagnosis



Low Noise



Rust Proof

WORLD-CLASS FEATURES

Super Quiet: 22dB lowest

The air conditioner can be as quiet as 22dB (lowest)..



I feel

The in-built additional temperature sensor in the remote controller monitors the surrounding temperature. Therefore, the air-conditioner can adjust the room temperature more accurately and provide extra comfort to users.



Inner-grooved copper tube

With the high quality inner-grooved copper, the thermal conductivity is significantly improved by 20-30% more than that of smooth tubes, because of the increased surface area of the inner copper wall.



Safety Design

- No Connection Between Condensate Water & Electricity.
- Fireproof Electric Control Box - BMC material is applied which creates high heat resistance & erosion resistance.



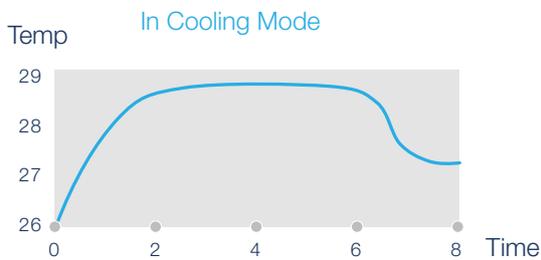
LEAKAGE DETECTION

In cooling mode, the sensor on the evaporator coil will monitor the temperature, and the system will stop operation automatically to ensure safety, if refrigerant leakage is detected. The error code will be displayed on the panel of indoor unit.



SLEEP MODE

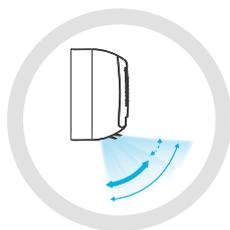
Avoids under-cooling or over-heating while you are asleep.



While set on sleep mode, the air conditioner will automatically increase set temperature 1°C (ST+1 °C) 1 hour later, ST+2 °C after 1 more hour and keep the same condition after that .

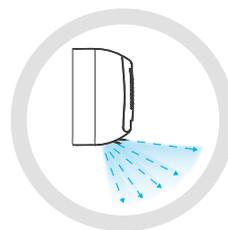
VECTOR PRECISION AIR SUPPLY

Various precise fixed angles of air supply can provide more comfortable choices for users.



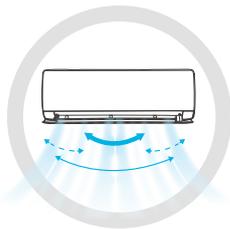
3 Swing Types (Vertical)

- Whole-house swing
- - Upside swing
- Downside swing



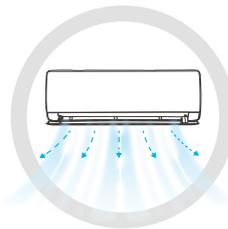
5 Blow Types (Vertical)

- - Fix direction of air blow



4 Swing Types (Horizontal)

- Whole-house swing
- - Side Swing (L-R)
- Middle Swing



5 Blow Types (Horizontal)

- - Fix direction of air blow

T3 TROPICAL
COMPRESSOR



WORLD-CLASS

CONDENSING UNIT

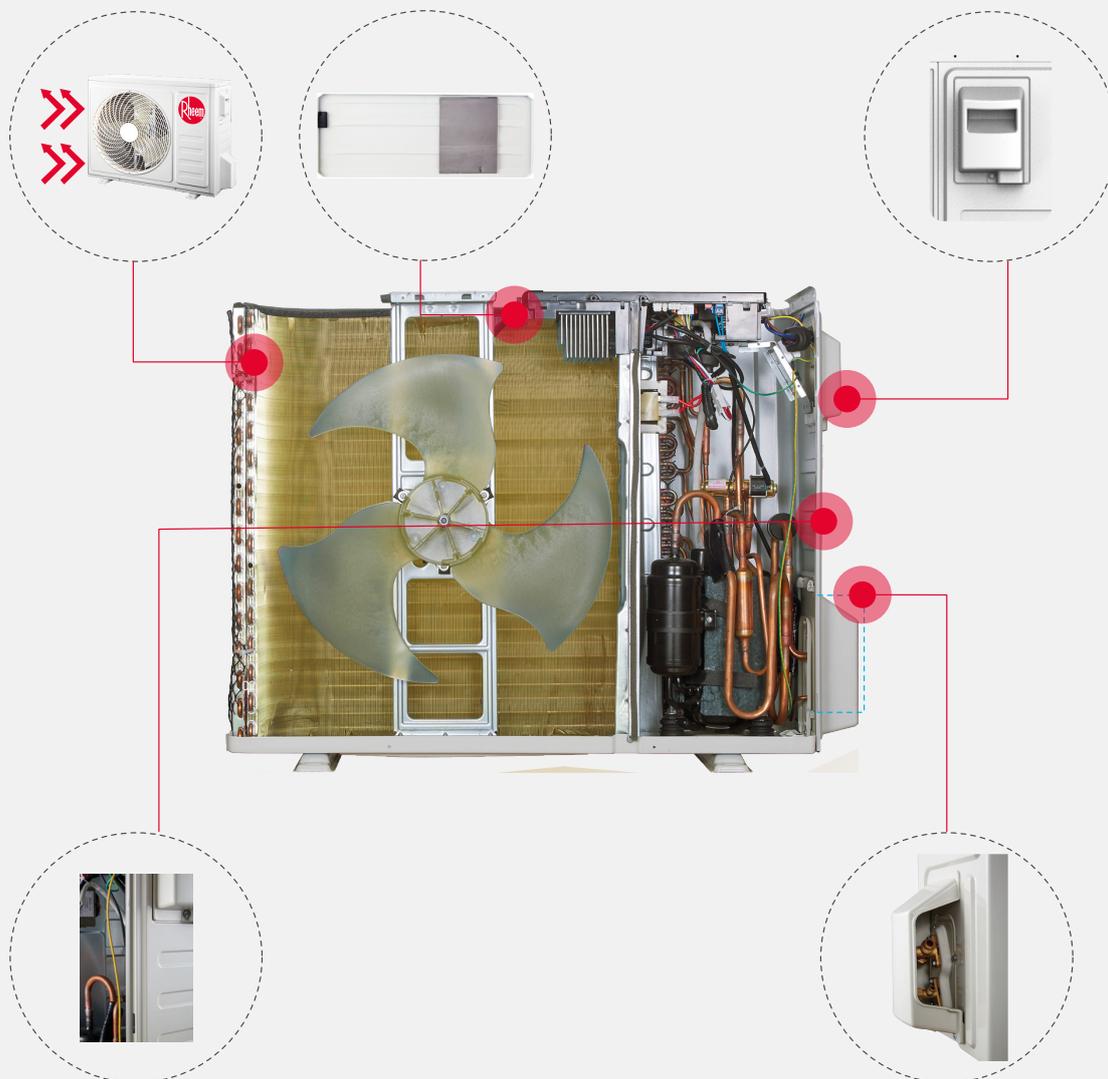
FEATURES

Rust-proof, Strong Corrosion Resistance and Excellent Insulation

Rust-proof technology protects the outdoor unit from corrosion and extends the system life. Prevention of water, insect and dust, with reliable electric control.

Convenient Handle

Easy to carry the unit.



Flanging Processed Plate Metal

The edge of metal plate is flanging processed, and the standardized wiring protect the wires from the sharp edge that might result in cutting.

Valve Protection Cover

The Valve cover is tougher to protect the stop valve from collision and can serve as a handle as well.

WORLD-CLASS

FEATURES

REMOTE CONTROLLER



01	LED Display Screen
02	ON/OFF
03	Fan Speed Setting
04	Temperature Setting
05	Eco Mode
06	Sleep Mode
07	Mute Mode
08	Turbo
09	I Feel
10	LED Display (ON/OFF)
11	Timer Setting
12	Swing(Horizontal/Vertical)
13	Mode Setting (AUTO/COOL/DRY/FAN/HEAT)

WORLD-CLASS

FEATURES

FEATURES SUMMARY

Range	12k-CO	18k-CO	24k-CO	30k-CO	36k-CO
Sleep	●	●	●	●	●
Clock (Real Time)	-	-	-	-	-
Timer ON/OFF	●	●	●	●	●
Vertical Swing (Motorized or Manual)	●	●	●	●	●
Horizontal Swing (Motorized or Manual)	●	●	●	●	●
Energy Saving	●	●	●	●	●
Air Flow Direction Control	●	●	●	●	●
Memory	●	●	●	●	●
Autorestart	●	●	●	●	●
IFeel	●	●	●	●	●
Turbo Cooling	●	●	●	●	●
Self Clean / Blow	-	-	-	-	-
AntiFreeze Thermostat	-	-	-	-	-
Self Diagnosis (Error code)	●	●	●	●	●
Remote LCD	●	●	●	●	●
Filter Configuration	●	●	●	●	●
Filter Dirty Alarm	-	-	-	-	-
Cold Plasma or Ioniser	-	○	○	○	○
Children Lock	●	●	●	●	●
Evaporator Fins	Golden	Golden	Golden	Golden	Golden
Condenser Fins	Golden	Golden	Golden	Golden	Golden
Max Piping Capability Total (Metre)	25	25	25	25	25
Max Piping Capability Vertical (Metre)	15	15	15	15	15

● Standard ○ Optional - N/A CO - Cooling Only CH-Cooling&Heating



TECHNICAL SPECIFICATIONS

Model			RW12ARCT00	RW18ARCT01	RW24ARCT01
	Type		Cooling only	Cooling only	Cooling only
	Control type		Remote	Remote	Remote
	Power supply	Ph-V-Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz
	Voltage Range	V	198~264	198~264	198~264
Cooling (T1)	Capacity	Btu/h	12500	18000	22000
	Capacity	W	3664	5275	6448
	Rated power Input	W	1087	1499	1818
	Rated current	A	4.9	6.5	8.1
	EER	Btu/hW	11.5	12.01	12.1
Cooling (T3)	Capacity	Btu/h	11000	16000	19000
	Capacity	W	3224	4689	5569
	Rated power Input	W	1221	1776	2109
	Rated current	A	5.5	7.9	9.4
	EER	Btu/hW	9.01	9.01	9.01
Cooling (T4)	Capacity	Btu/h	10000	15000	18500
	Capacity	W	2931	4396	5422
	Rated power Input	W	1250	1873	2200
	Rated current	A	5.6	7.8	9.6
	EER	Btu/hW	8.00	8.01	8.01
Moisture removal		Liters/h	1.2	1.8	2.1
Indoor Noise Level	High	dB(A)	47	50	50
	Med.	dB(A)	45	46	46
	Low	dB(A)	38	43	43
Outdoor noise level		dB(A)	38	53	55
Compressor	Type		Rotary	Rotary	Rotary
Expansion Device			Capillary	Capillary	Capillary
Indoor coil	a.Number of rows		2	2	2
	b. Tupe pitch (a) * row pitch (b)	mm	21x12.7	21x12.7	21x12.7
Indoor air flow (Hi/Mi/Lo)		m3/h	1300/1200/1100/900/800	1400/1250/1100/1000/900	1400/1250/1100/1000/900
Outdoor coil	a.Number of rows		2	1	2
	c. Fin spacing		1.2	1.2	1.2
	e. Tube outisde dia. And type	mm	Φ5,innergroove	Φ5,innergroove	Φ5,innergroove tube
Indoor unit	Dimension(W*H*D)	mm	910x294x206	1010x315x220	1010x315x220
	Packing (W*H*D)	mm	979x372x277	1096x390x297	1096x390x297
	Net/Gross weight	Kg	10/12	13/16	14/18
Outdoor unit	Dimension(W*D*H)	mm	795x305x549	853x349x602	920x380x699
	Packing (W*D*H)	mm	835x340x585	890x385x628	950x420x732a
	Net/Gross weight	Kg	28/32 (with pipe)	43/50 (with pipe)	45/52 (with pipe)
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6(1/4") / φ9.52(3/8")	Φ6(1/4")/φ12(1/2")	Φ6(1/4")/φ15.88(5/8")
	Max. refrigerant pipe length	m	25	25	25
	Max. difference in level	m	15	15	15
Pressure	High(DP)	MPa	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9
Ambient temperature		°C	16-56	16-56	16-56
Suitable area		m ²	15~23	20~35	30~45
Loading capacity 40HQ with piping		set	250	150	150

TECHNICAL SPECIFICATIONS

Model			RW30ARCT01	RW36ARCT01
Type			Cooling only	Cooling only
Control type			Remote	Remote
Power supply		Ph-V-Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz
Voltage Range		V	198~264	198~264
Cooling (T1)	Capacity	Btu/h	28000	32000
	Capacity	W	8206	9379
	Rated power Input	W	2314	2664
	Rated current	A	10.3	11.9
	EER	Btu/h/W	12.1	12.01
Cooling (T3)	Capacity	Btu/h	25000	27500
	Capacity	W	7327	8060
	Rated power Input	W	2775	3052
	Rated current	A	12.31	13.7
	EER	Btu/h/W	9.01	9.01
Cooling (T4)	Capacity	Btu/h	24000	/
	Capacity	W	7034	/
	Rated power Input	W	2996	/
	Rated current	A	12.74	/
	EER	Btu/h/W	8.01	/
Moisture removal		Liters/h	2.1	3.2
Indoor Noise Level	High	dB(A)	51	51
	Med.	dB(A)	48	47
	Low	dB(A)	45	44
Outdoor noise level		dB(A)	58	-
Compressor	Type		Rotary	Rotary
Expansion Device			Capillary	Capillary
Indoor coil	a.Number of rows		3	3
	b. Tupe pitch (a) * row pitch (b)	mm	21x12.7	21x12.7
Indoor air flow (Hi/Mi/Lo)		m3/h	1400/1270/1150/1030/950	1800/1660/1450/1320/1300
Outdoor coil	a.Number of rows		2	3
	c. Fin spacing		1.2	1.2
	e. Tube outside dia. And type	mm	Φ5,innergroove tube	Φ5,innergroove tube
Indoor unit	Dimension(W*H*D)	mm	1186x340x258	1460x349x285
	Packing (W*H*D)	mm	1265x420x337	1565x455x355
	Net/Gross weight	Kg	19/22	24/28
Outdoor unit	Dimension(W*D*H)	mm	976x421x804	976x421x804
	Packing (W*D*H)	mm	1022x480x835	1022x480x835
	Net/Gross weight	Kg	58/66 (with pipe)	58/69
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6(1/4")/φ15.88(5/8")	
	Max. refrigerant pipe length	m	25	25
	Max. difference in level	m	15	15
Pressure	High(DP)	MPa	4.5	4.5
	Low(SP)	MPa	1.9	1.9
Ambient temperature		°C	16-56	15-55
Suitable area		m ²	35~55	45~70
Loading capacity 40HQ with piping		set	102	90

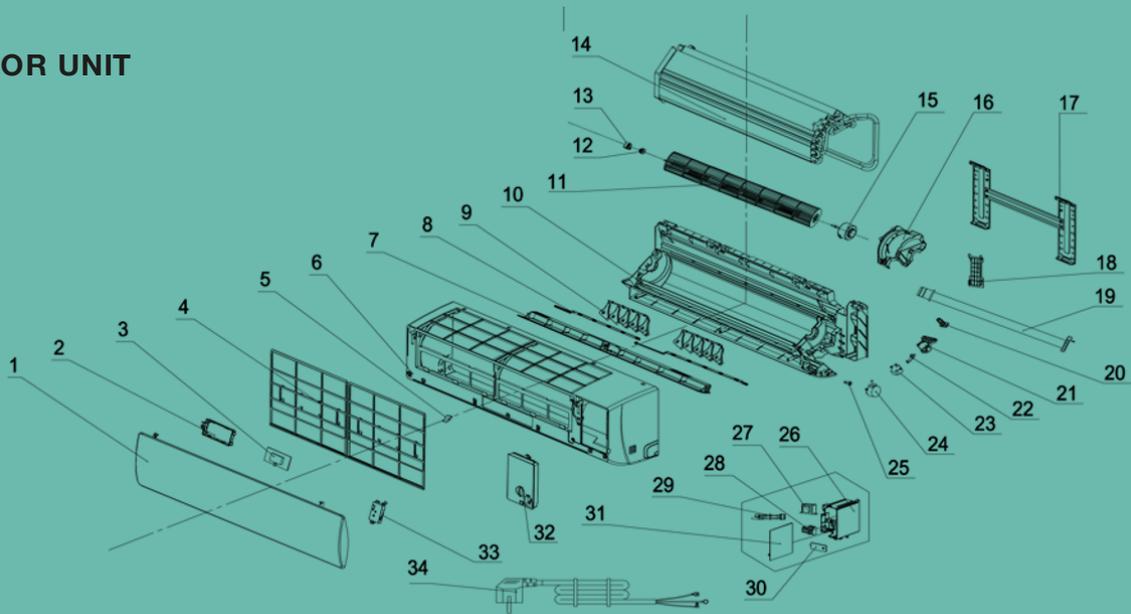
* (I) Entering Air D.B.T / Air W.B.T: 80 °F / 67 °F, (O) Entering Air D.B.T: 95 °F

** (I) Entering Air D.B.T / Air W.B.T: 84 °F / 67 °F, (O) Entering Air D.B.T: 115 °F

*** (I) Entering Air D.B.T / Air W.B.T: 80 °F / 67 °F, (O) Entering Air D.B.T: 118.4 °F

EXPLODED VIEW - RINW12ARCT00

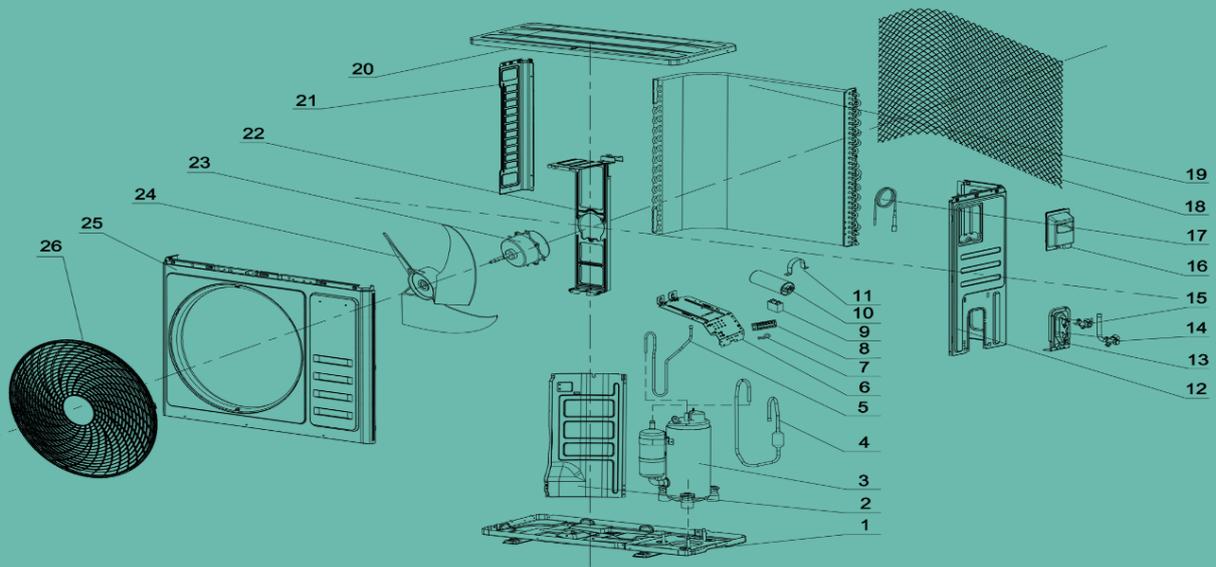
INDOOR UNIT



NO.	PART NO.	PART NAME
1	41106-002078	front panel
2	42003-000001	display PCB box
3	31102-000085	Display PCB
4	42008-000075	Air filter
5	41108-000066	screw cover
6	41106-002356	Face frame assembly
7	41103-000149	Vane assembly
8	41101-000166	Connecting rod
9	41101-000067	Vertical vane
10	41102-000047	Base assembly
11	42004-000012	Cross fan
12	42007-000009	Bearing mount
13	41101-000251	Bearing sleeve
14	92011-002777	evaporator
15	22001-000266	Indoor motor
16	41108-000013	Indoor motor cover
17	41109-000041	installation plate
18	41101-000242	In and out pipe fixer
19	42009-000011	Drainage hose
20	92012-000185	Drain pipe rubber plug
21	42001-000004	Pendulum motor fixed seat
22	41108-000058	crank
23	22001-000318	Step motor
24	22001-000321	Step motor
25	41101-000252	electric axis
26	41105-000361	Electrical box
27	NO	transformer
28	11304-100029	Terminal
29	10104-100014	Sensor
30	42001-000103	Clamp
31	31101-001292	Main PCB
32	41105-000146	Electrical Box Cover
33	NO	WIFI
34	22007-000015	Power supply cord
0	A2006-000019	Packing foam(Right)
0	A1101-000315	Indoor carton
0	22013-004233	remote control
0	A2006-000040	Packing foam(Left)

EXPLODED VIEW - RONW12ARCT00

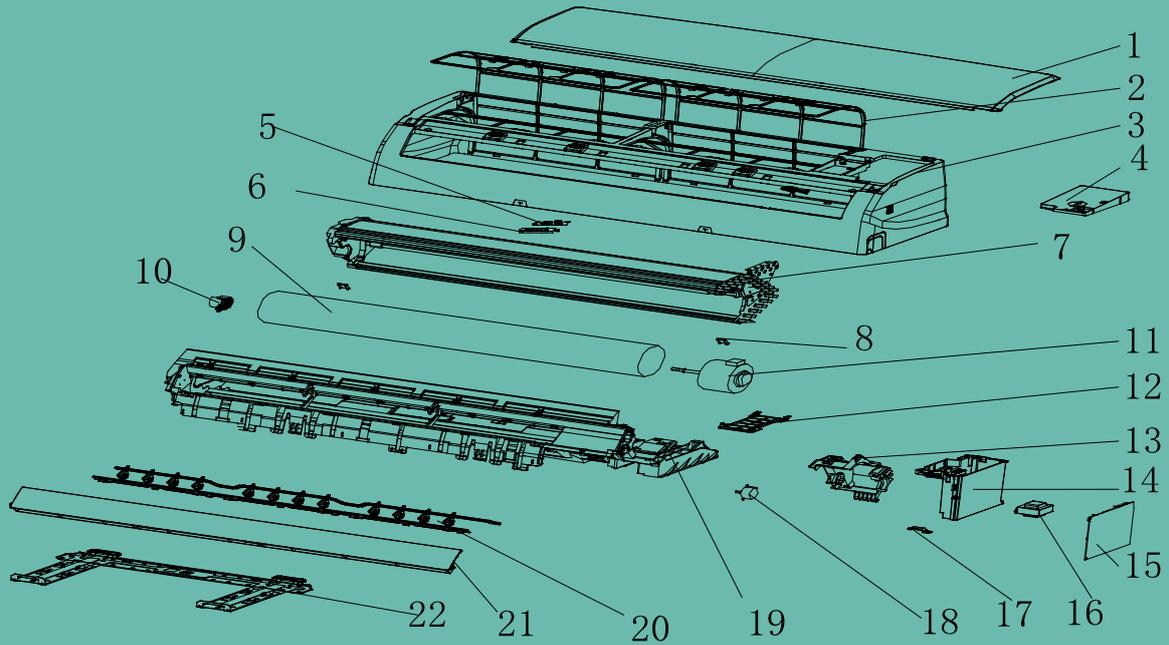
OUTDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARKS
1	41202-000375	Base	1	
2	41208-000136	middle metal panel	1	
3	92014-000396	Compressor	1	
4	92007-020027	suction pipe assembly	1	
5	92007-020186	discharge pipe assembly	1	
6	41214-000344	Outdoor electrical installation plate	1	
7	42001-000035	Clamp	1	
8	11304-100006	Terminal	1	
9	10303-100020	Outdoor motor capacitor	1	
10	22003-000004	Compressor capacitor	1	
11	42001-000030	Capacitor Strip	1	
12	41205-000069	right plate assembly	1	
13	41204-000018	valve supporter	1	
14	92008-000146	Three-way valve	1	
15	92008-000051	Two-way valve	1	
16	41201-000015	Electrical Box Cover	1	
17	92007-020006	capillary assembly	1	
18	42011-000186	Back grille	1	
19	92011-010925	condenser	1	
20	41207-000040	Top cover	1	
21	41205-000131	Left supporter	1	
22	41203-000047	motor bracket assembly	1	
23	22001-000024	Outdoor motor	1	
24	42004-000106	Propeller fan	1	
25	41206-000048	Front panel	1	
26	42011-000083	Fan guard	1	
0	A1201-002981	Cabinet carton	1	
0	41110-000203	Packing foam	1	
0	A2005-000541	Base carton	1	
0	A1202-000025	Packing foam	1	

EXPLODED VIEW - RINW18ARCT01

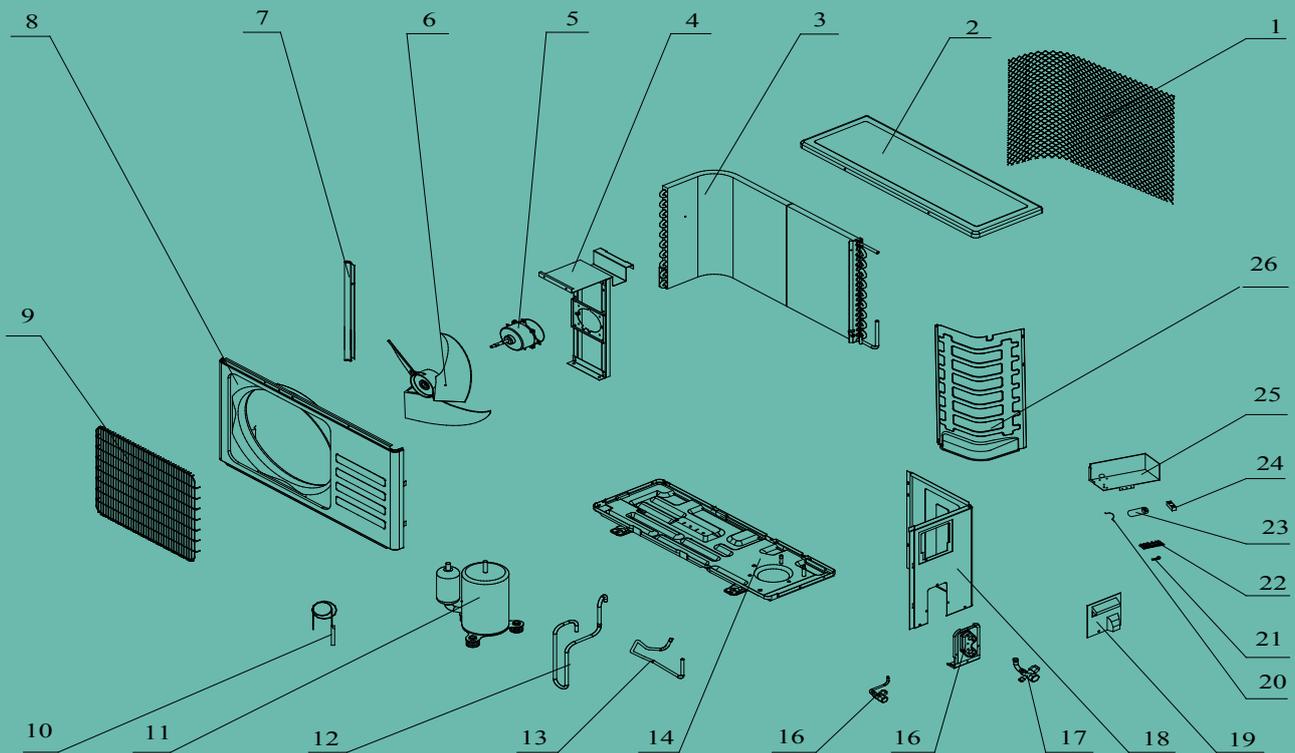
INDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARKS
1	41106-002088	Front Panel	1	
2	42008-000001	Air Filter	2	
3	41106-002351	Face Frame	1	
4	41211-000079	Electrical Box Cover	1	
5	31102-000085	Display PCB	1	
6	42003-000001	Display PCB Box	1	
7	92011-003001	Evaporator	1	
8	41108-000066	Screw Cover	2	
9	42004-000002	Cross Fan	1	
10	42007-000001	Bearing Mount	1	
11	22001-000240	Indoor Motor	1	
12	41101-000224	In And Out Pipe Fixer	1	
13	42003-000045	Indoor Motor Cover	1	
14	41105-000134	Electrical Box	1	
15	31101-000640	Main PCB	1	
16	NO	Transformer	1	
17	42001-000103	Cable Clamp	1	
18	22001-000321	Vane Motor 1	1	
	22001-000318	Vane Motor 2	1	
19	41102-000023	Base	1	
20	41101-000042	Vertical Vane Assembly	3	
21	41103-000178	Vane	1	
22	41109-000019	Installation Plate	1	
24	10104-100014	Indoor Sensor Assembly	1	Not shown in Explosion view
25	22013-000237	Remote Controller	1	
26	A1101-002076	Indoor Carton	1	
27	A2006-000060	Left Foaming	1	
28	A2006-000059	Right Foaming	1	

EXPLODED VIEW - R0NW18ARCT01

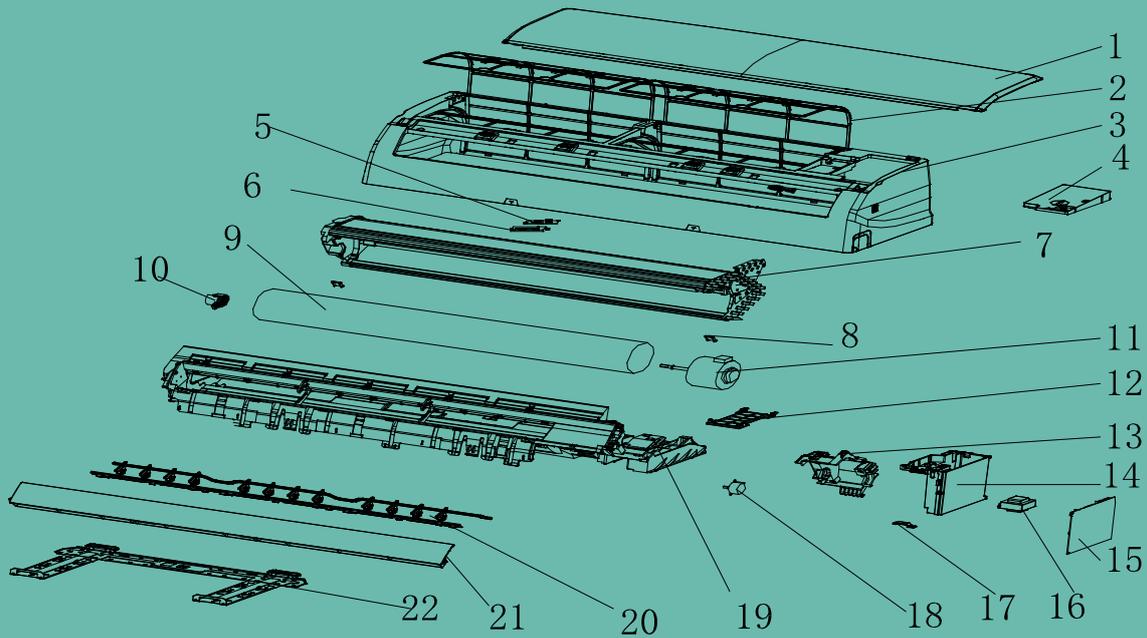
OUTDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY
1	42011-000188	Back Grille	1
2	41207-000028	Top Cover	1
3	92011-005560	Condenser	1
4	210836812B	Outdoor Motor Supporter	1
5	22001-000088	Outdoor Motor	1
6	42004-000105	Propeller Fan	1
7	41205-000135	Left Grille Supporter	1
8	41206-000047	Front Plate	1
9	42011-000085	Fan Guard	1
10	92007-007120	Capillary Assembly	1
11	92014-000801	Compressor	1
12	92006-006753	Discharge Pipe	1
13	92006-006766	Suction Pipe	1
14	41202-000179	Base	1
15	92008-000051	Two-way Valve	1
16	41204-000018	Valve Supporter	1
17	92008-000141	Three-way Valve	1
18	41205-000074	Right Plate	1
19	41201-000029	Electrical Box Cover	1
20	42001-000030	Capacitor Strip	1
21	42001-000038	Cable Clamp(φ10)	1
22	11304-100006	Terminal	1
23	22003-000010	Compressor Capacitor	1
24	10303-100021	Fan Motor Capacitor	1
25	41211-000053	Electrical Parts Box	1
26	41208-000157	Partition plate	1
27	A1201-010761	Cabinet Carton	1
28	A2007-000932	Base Carton Assembly	1
29	41110-000204	Cover Foam	1

EXPLODED VIEW - RINW24ARCT01

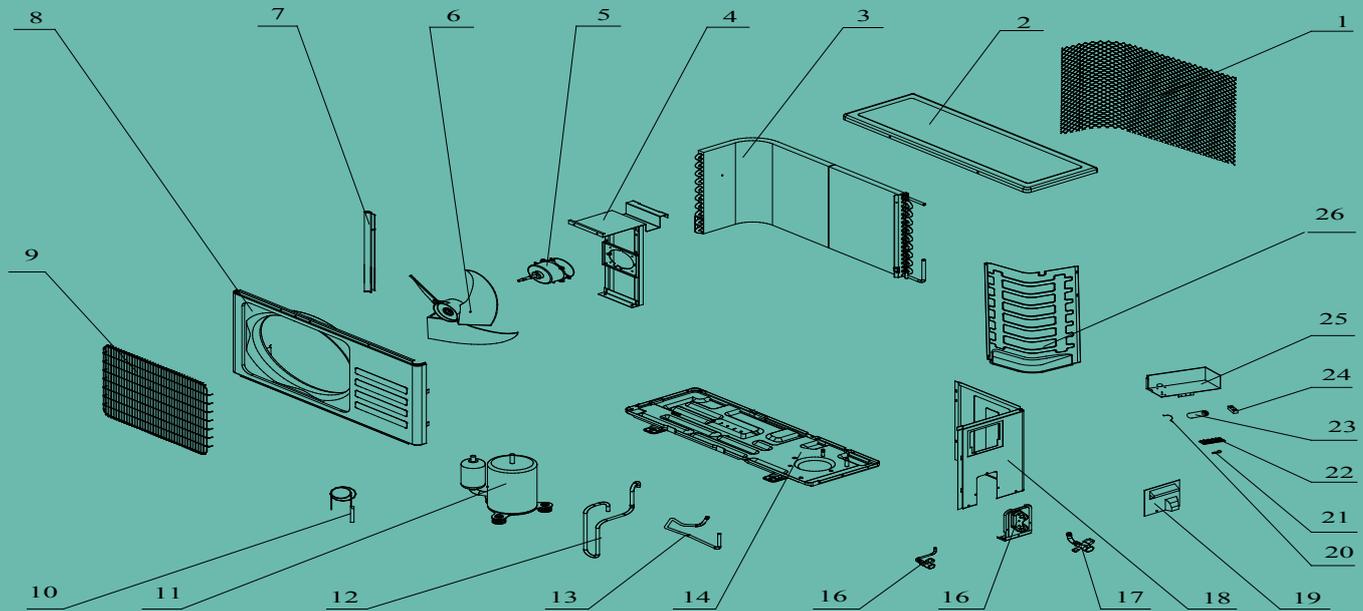
INDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY
1	41106-002088	Front Panel	1
2	42008-000001	Air Filter	2
3	41106-002351	Face Frame	1
4	41105-000146	Electrical Box Cover	1
5	31102-000085	Display PCB	1
6	42003-000001	Display PCB Box	1
7	92011-002761	Evaporator	1
8	41108-000066	Screw Cover	2
9	42004-000002	Cross Fan	1
10	42007-000001	Bearing Mount	1
11	22001-000240	Indoor Motor	1
12	41101-000224	In And Out Pipe Fixer	1
13	42003-000045	Indoor Motor Cover	1
14	41105-000104	Electrical Box	1
15	31101-000640	Main PCB	1
16	NO	Transformer	1
17	42001-000103	Cable Clamp	1
18	22001-000321	Vane Motor 1	1
	22001-000318	Vane Motor 2	1
19	41102-000023	Base	1
20	41101-000042	Vertical Vane Assembly	3
21	41103-000178	Vane	1
22	41109-000019	Installation Plate	1
23	10104-100014	Indoor Sensor Assembly	1
24	20103-000237	Remote Controller	1
25	A1101-002076	Indoor Carton	1
26	A2006-000060	Left Foaming	1
27	A2006-000059	Right Foaming	1

EXPLODED VIEW - RONW24ARCT01

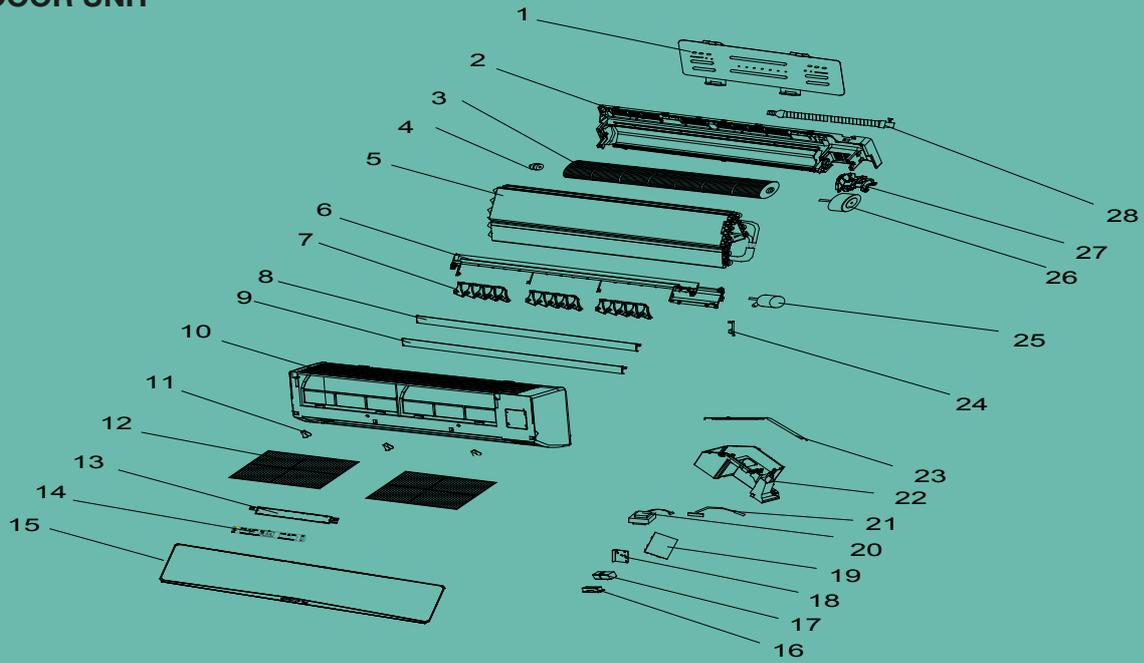
OUTDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY
1	42011-000188	Back Grille	1
2	41207-000028	Top Cover	1
3	92011-000555	Condenser	1
4	41203-000049	Outdoor Motor Supporter	1
5	22001-000088	Outdoor Motor	1
6	42004-000105	Propeller Fan	1
7	41205-000135	Left Grille	1
8	41206-000047	Front Plate	1
9	42011-000085	Fan Guard	1
10	92007-007015	Capillary Assembly	1
11	92014-000815	Compressor	1
12	92006-007225	Discharge Pipe	1
13	92007-007579	Suction Pipe	1
14	41202-000230	Base	1
15	92008-000051	Two-way Valve	1
16	41204-000018	Valve Supporter	1
17	92008-000142	Three-way Valve	1
18	41205-000074	Right Plate	1
19	41201-000029	Electrical Box Cover	1
20	42001-000030	Capacitor Strip	1
21	42001-000038	Cable Clamp	1
22	11304-100006	Terminal	1
23	22003-000008	Compressor Capacitor	1
24	10303-100021	Fan Motor Capacitor	1
25	41211-000053	Electrical Parts Box	1
26	41208-000157	Partition plate	1
27	A1201-010761	Cabinet Carton	1
28	A2007-000932	Base Carton Assembly	1
29	41110-000204	Cover Foam	1

EXPLODED VIEW - RINW30ARCT01

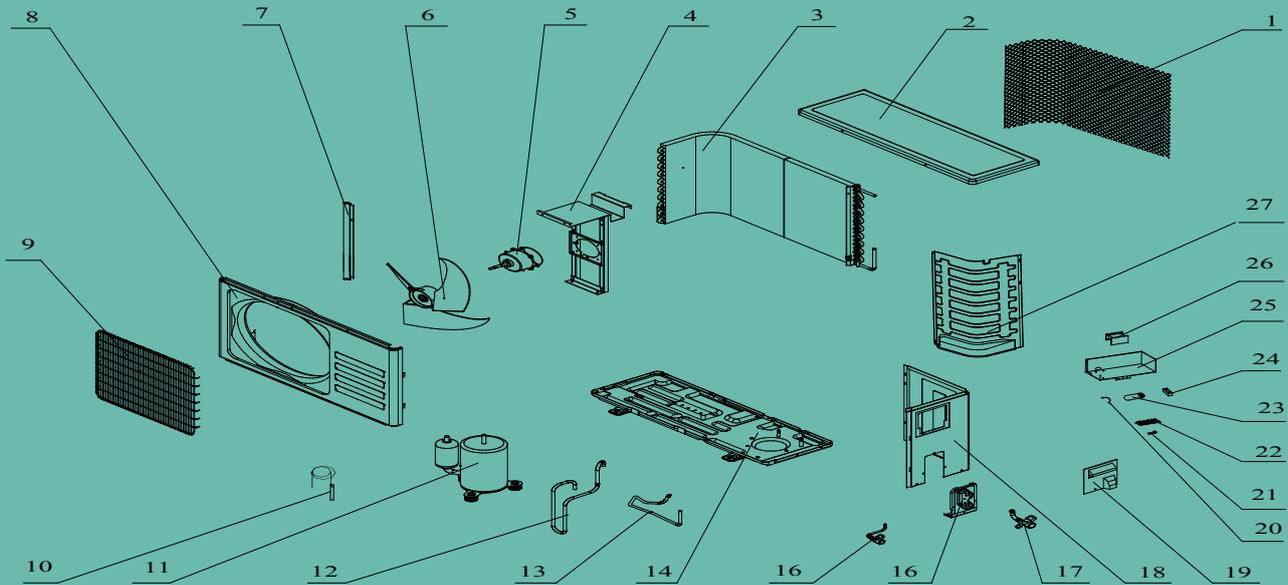
INDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARKS
1	41109-000028	Installation Plate	1	
2	41199-002746	Base	1	
3	42004-000042	Cross Fan	1	
4	42007-000001	Bearing Mount	1	
5	92011-003058	Evaporator	1	
6	41102-000260	Water Drainage Assembly	1	
7	41101-000035	Vertical Vane Assembly	3	
8	41103-000317	UpVane	1	
9	41103-000312	Down Vane	1	
10	41106-002275	Face Frame	1	
11	41108-000066	Screw Cover	4	
12	42008-000041	Air Filter	2	
13	42003-000001	Display PCB Box	1	
14	31102-000109	Display PCB	1	
15	41106-002086	Front Panel	1	
16	42001-000103	Cable Clamp	1	
17	11304-100028	Terminal	1	
18	41211-000016	Terminal Cover	1	
19	31101-000731	Main PCB	1	
20	/	Transformer	1	
21	10104-100022	Indoor Sensor Assembly	1	
22	41105-000139	Electrical Box	1	
23	41211-000080	Electrical Box Cover	1	
24	41101-000214	Right Vertical Vane connector	6	
25	22001-000362	Vane Motor	1	
26	22001-000357	Vane Motor	1	
	22001-000240	Indoor Motor	1	
27	41108-000006	Indoor Motor Cover	1	
28	42009-000004	Drainage Hose	1	
29	22013-000237	Remote Controller	1	
30	A1101-000267	Indoor Carton	1	Not shown in explosion view
31	A2004-000273	Left Foaming	1	
32	A2004-000322	Right Foaming	1	

EXPLODED VIEW - RONW30ARCT01

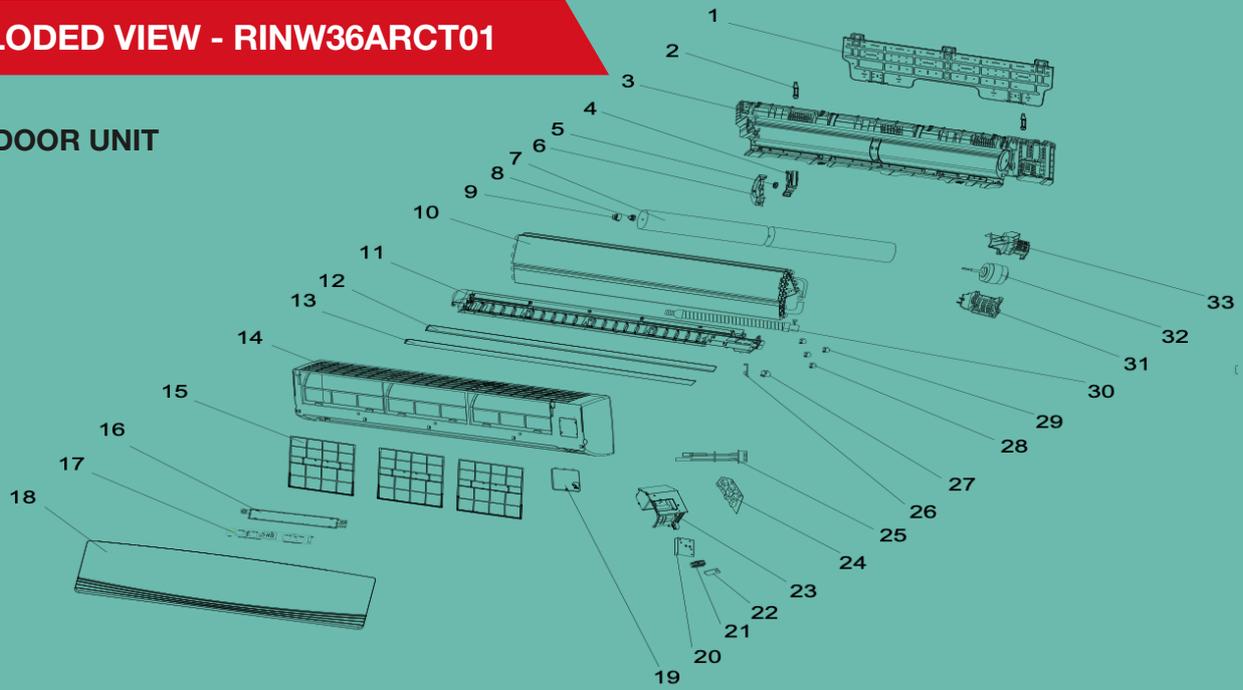
OUTDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARKS
1	42011-000419	Grille	1	Optional
2	41207-000048	Top Cover	1	
3	92011-007858	Condenser	1	
4	41203-000114	Outdoor Motor Supporter	1	
5	22001-000544	Outdoor Motor	1	
6	42004-000091	Propeller Fan	1	
7	41205-000217	Left Grille Supporter	1	
8	41206-000075	Front Plate	1	
9	42011-000417	Fan Guard	1	
10	92007-010565	Capillary Assembly	1	
11	92014-000295	Compressor	1	
12	92006-007347	Discharge Pipe	1	
13	92007-011810	Suction Pipe	1	
14	41202-000442	Base	1	
15	92007-010926	Two-way Valve	1	
16	41204-000018	Valve Supporter	1	
17	92007-001045	Three-way Valve	1	
18	41205-000215	Right Plate	1	
19	41201-000029	Electrical Box Cover	1	
20	42001-000030	Capacitor Strip	1	
21	42001-000106	Cable Clamp	1	
22	11304-100004	Terminal	1	
23	22003-000014	Compressor Capacitor	1	
24	10303-100023	Fan Motor Capacitor	1	
25	41211-000178	Electrical Parts Box	1	
26	22008-000003	AC Contactor	1	
27	41208-000227	Partition plate	1	Not shown in explosion view
28	A1201-012670	Cabinet Carton	1	

EXPLODED VIEW - RINW36ARCT01

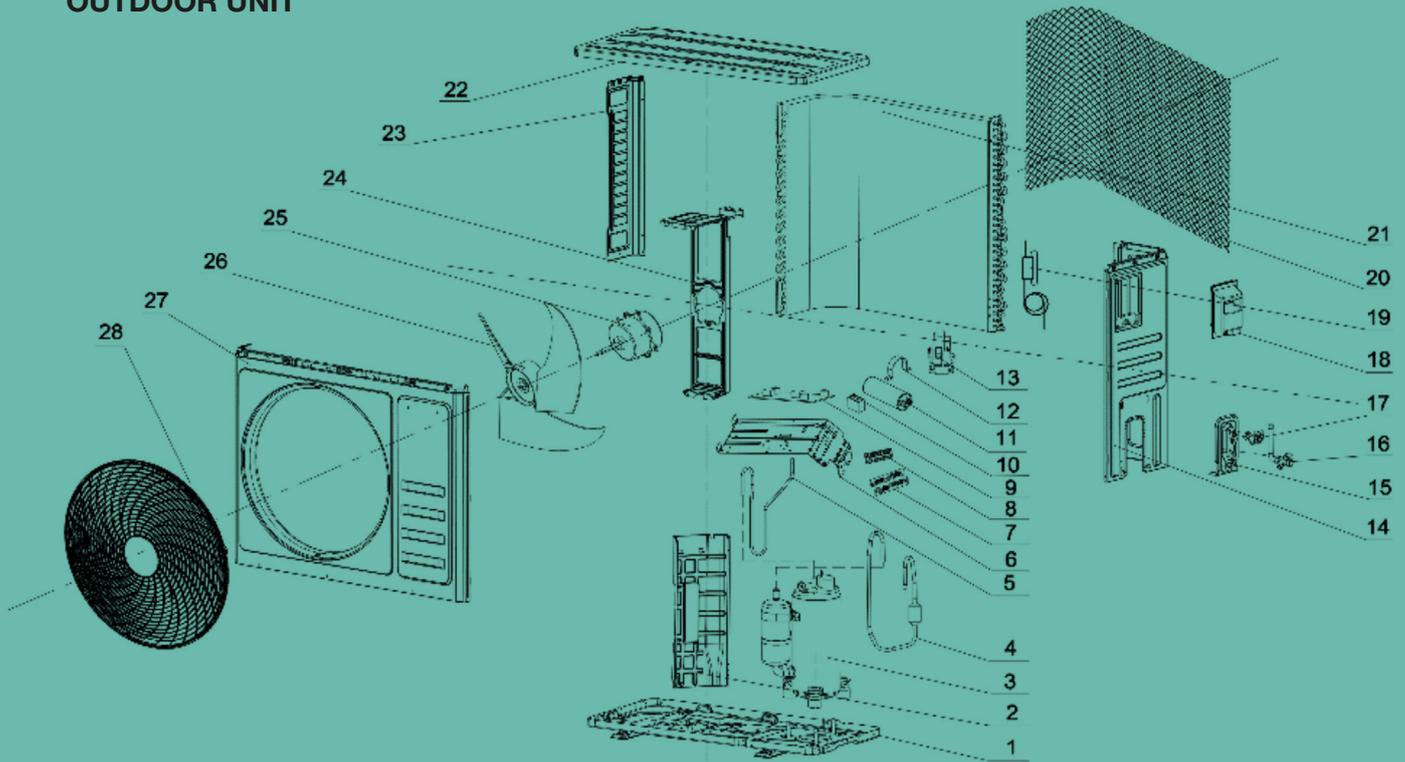
INDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARKS
1	41109-000043	Installation Plate	1	
2	41101-000247	In And Out Pipe Fixer	2	
3	41199-002762	Base	1	
4	41214-000949	Cross Fan Supporter	1	
5	41214-000965	Middle Bearing Mount	1	
6	41214-000948	Cross Fan Supporter Cover	1	
7	42004-000025	Cross Fan1	1	
	42004-000026	Cross Fan2	1	
8	42007-000009	Bearing Mount	1	
9	41101-000249	Bearing Mount Supporter	1	
10	92011-003094	Evaporator	1	
11	41103-000043	Water Drainage Assembly	1	
12	41103-000322	UpVane	1	
13	41103-000316	Down Vane	1	
14	41106-002330	Face Frame	1	
15	42008-000050	Air Filter	3	
16	42003-000004	Display PCB Box	1	
17	31102-000038	Display PCB	1	
18	41106-001247	Front Panel	1	
19	41201-000066	Terminal Cover	1	
20	41211-000008	Terminal fixing board	1	
21	11304-100028	Terminal	1	
22	41211-000061	Cable Clamp	1	
23	41105-000123	Electrical Box	1	
24	31101-001448	Main PCB	1	
25	10104-100014	Indoor Sensor Assembly	1	
26	41101-000213	Vertical Vane Connector	2	
27	22001-000326	Step Motor	1	
28	22001-000369	Vane Motor1	1	
29	22001-000370	Vane Motor2	1	
30	42009-000004	Drainage Hose	1	
31	41108-000115	Indoor Motor Supporter	1	
32	22001-000254	Indoor Motor	1	
33	41108-000003	Indoor Motor Cover	1	
34	22013-004227	Remote Controller	1	Not shown in Explosion view
35	A1101-001894	Indoor Carton	1	
36	A2004-000334	Left Foaming	1	
37	A1103-000002	Right Foaming	1	

EXPLODED VIEW - RONW36ARCT01

OUTDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARKS
1	41202-000673	Base	1	
2	41208-000227	Middle metal panel	1	
3	95017-000076	Compressor	1	
4	92006-010323	Suction pipe assembly	1	
5	92006-010322	Discharge pipe assembly	1	
6	41211-000309	Electrical fixing board	1	
7	42001-000106	Clamp	2	
8	11304-100004	Terminal	1	
9	32001-000403	Outdoor motor driving pcb assembly	1	
11	22003-000014	Compressor capacitor	1	
12	42001-000030	Capacitor Strip	1	
13	22008-000003	AC contactor	1	
14	41205-000215	Right plate	1	
15	41204-000018	Valve supporter	1	
16	92007-016108	Globe valve assembly	1	
17	92007-016107	Globe valve assembly	1	
18	41201-000015	Electrical Box Cover	1	
19	92007-017423	Capillary assembly	1	
20	42011-000419	Back grille	1	
21	92011-008670	Condenser	1	
22	41207-000048	Top cover	1	
23	41205-000217	Left supporter	1	
24	41203-000115	Motor bracket assembly	1	
25	22001-000147	Outdoor motor	1	
26	42004-000249	Propeller fan	1	
27	41206-000075	Front panel	1	
28	42011-000417	Fan guard	1	
0	A1202-000085	Packing foam	1	
0	A1202-000086	Packing foam	1	
0	A1201-012669	Base carton	1	

PERFORMANCE TABLE

RW12ARCT00

AFR(CFM)	EWB(°C)	EDB(°C)	Outdoor Temperature								
			35°			40°			46°		
			TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	3166	2621	1023	2883	2421	1093	2793	2662	1213
	19	27	3381	2982	1028	3080	2746	1101	2983	3005	1227
	19	29	3393	2942	1034	3091	2704	1104	2995	2954	1226
Med	17.2	24.4	3400	2759	1027	3004	2548	1100	2909	2803	1222
	19	27	3522	3140	1029	3208	2890	1107	3108	3164	1237
	19	29	3535	3064	1038	3220	2846	1111	3119	3109	1236
High	17.2	24.4	3435	2904	1032	3142	2682	1106	3063	2951	1231
	19	27	3669	3305	1036	3356	3042	1114	3284	3273	1237
	19	29	3682	3259	1043	3369	2996	1117	3296	3217	1231

RW18ARCT01

AFR(CFM)	EWB(°C)	EDB(°C)	Outdoor Temperature								
			35°			40°			46°		
			TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	4552	3490	1480	4145	3220	1582	3658	2900	1728
	19	27	4861	3970	1488	4429	3660	1593	3908	3280	1747
	19	29	4879	3920	1496	4445	3600	1598	3923	3220	1745
Med	17.2	24.4	4888	3670	1486	4319	3390	1591	3811	3060	1740
	19	27	5064	4180	1489	4612	3850	1602	4071	3450	1761
	19	29	5083	4080	1502	4630	3790	1607	4085	3390	1759
High	17.2	24.4	4939	3870	1493	4518	3570	1601	4012	3220	1753
	19	27	5275	4400	1499	4825	4050	1612	4285	3630	1771
	19	29	5294	4340	1509	4844	3990	1616	4301	3570	1762

RW24ARACT01

AFR(CFM)	EWB(°C)	EDB(°C)	Outdoor Temperature								
			35°			40°			46°		
			TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	5564	4541	1795	5067	4195	1918	4472	3776	2095
	19	27	5942	5167	1805	5413	4757	1932	4777	4263	2118
	19	29	5964	5097	1814	5433	4685	1938	4795	4191	2117
Med	17.2	24.4	5975	4780	1803	5279	4414	1930	4658	3977	2111
	19	27	6190	5439	1806	5638	5007	1943	4976	4488	2136
	19	29	6213	5308	1822	5659	4931	1949	4994	4411	2134
High	17.2	24.4	6037	5032	1810	5523	4647	1941	4904	4186	2126
	19	27	6448	5726	1818	5898	5271	1955	5238	4724	2147
	19	29	6471	5647	1830	5921	5192	1960	5257	4643	2137

RW30ARCT01

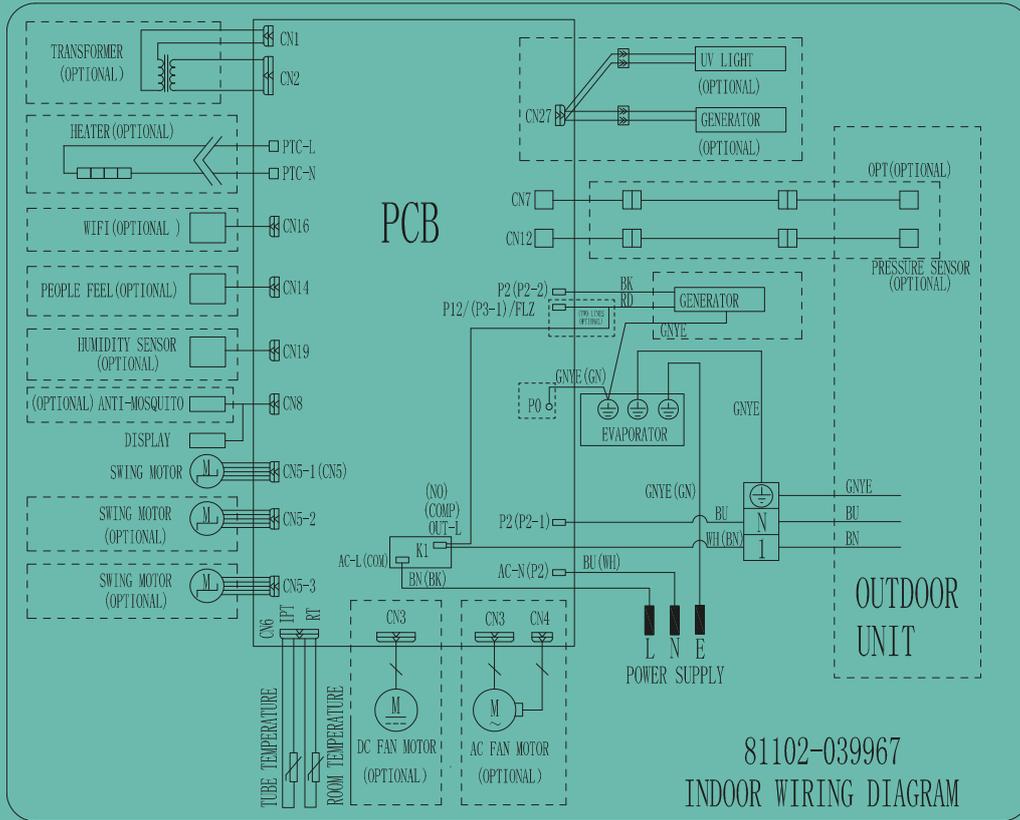
AFR(CFM)	EWB(°C)	EDB(°C)	Outdoor Temperature								
			35°			40°			46°		
			TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	7081	6069	2285	6449	5606	2442	5691	5047	2667
	19	27	7562	6906	2297	6889	6358	2459	6079	5698	2696
	19	29	7590	6812	2309	6914	6262	2466	6102	5602	2694
Med	17.2	24.4	7604	6389	2294	6718	5900	2456	5929	5315	2687
	19	27	7877	7270	2299	7175	6692	2473	6332	5999	2718
	19	29	7907	7095	2319	7202	6591	2481	6355	5895	2716
High	17.2	24.4	7683	6725	2304	7028	6210	2471	6241	5595	2706
	19	27	8206	7653	2314	7505	7044	2488	6666	6314	2733
	19	29	8236	7547	2329	7535	6939	2495	6691	6206	2720

RW36ARCT01

AFR(CFM)	EWB(°C)	EDB(°C)	Outdoor Temperature								
			35°			40°			46°		
			TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	7970	6012	2632	7259	5553	2813	6759	5168	3088
	19	27	8512	6840	2646	7754	6298	2833	7220	5771	3122
	19	29	8543	6747	2660	7783	6203	2841	7247	5786	3119
Med	17.2	24.4	8558	6328	2643	7562	5844	2830	7387	5887	3111
	19	27	8867	7201	2649	8075	6628	2850	7521	6142	3148
	19	29	8900	7027	2672	8106	6528	2858	7548	6036	3145
High	17.2	24.4	8648	6661	2655	7911	6151	2847	7413	6046	3133
	19	27	9236	7580	2666	8448	6977	2867	7947	6354	3149
	19	29	9270	7476	2683	8481	6873	2875	7977	6550	3133

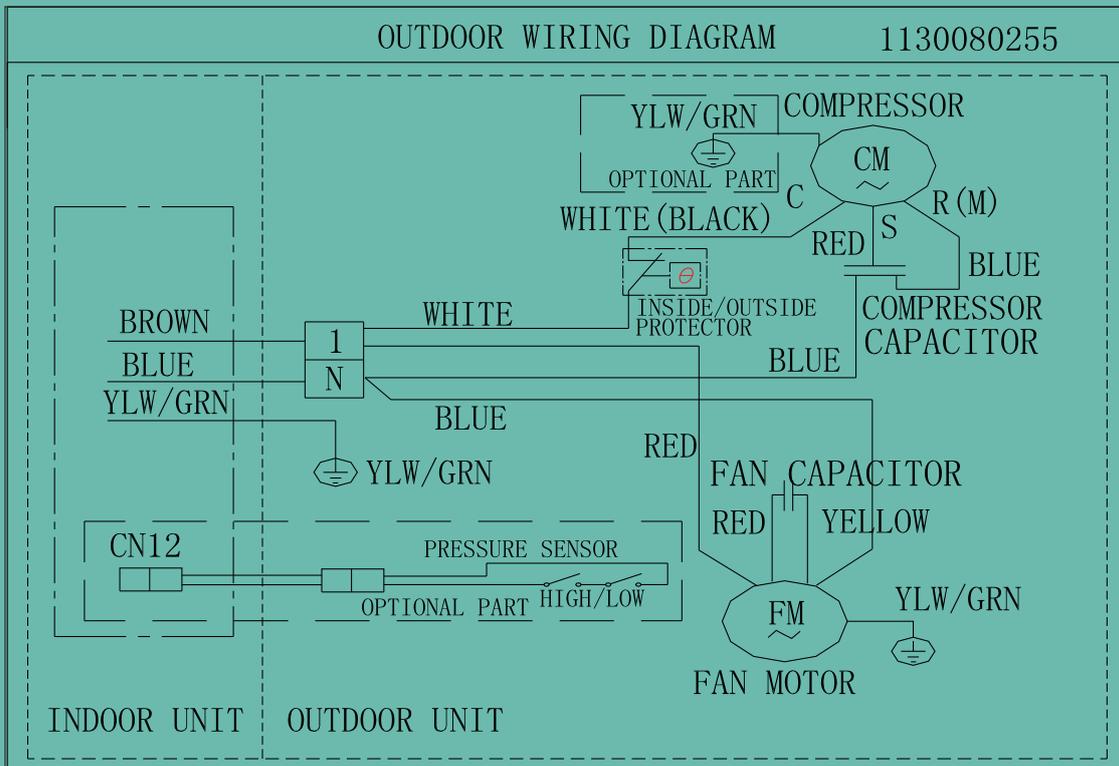
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INDOOR UNIT



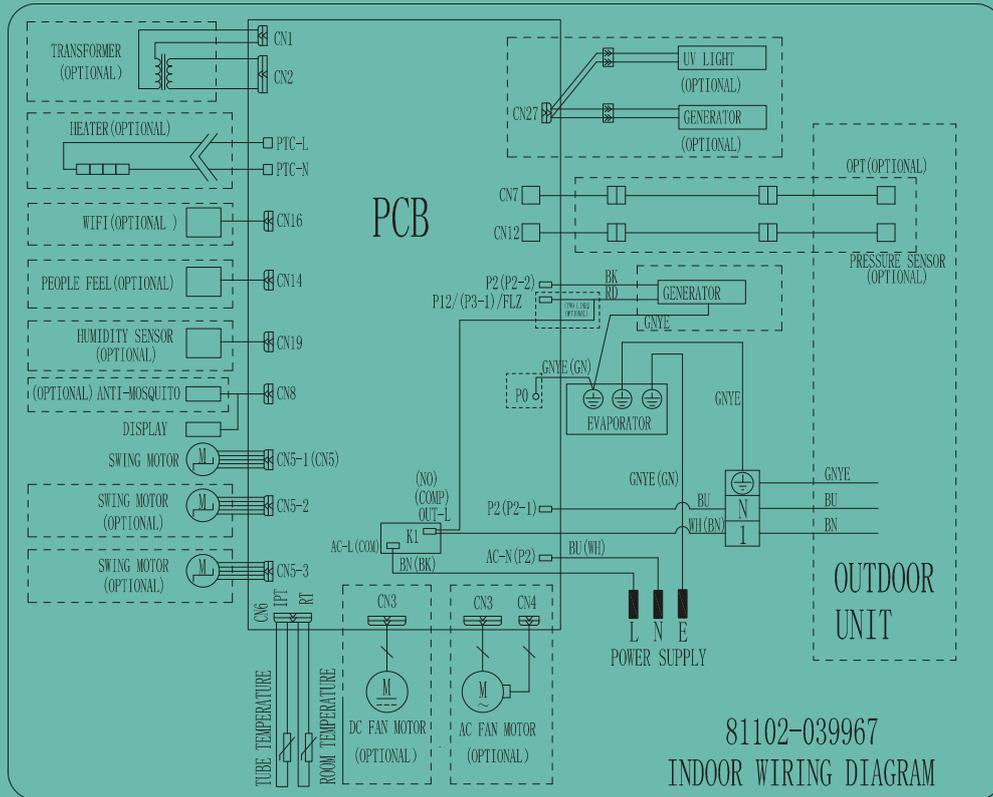
RONW18ARCT01 - WIRING DIAGRAM

OUTDOOR UNIT



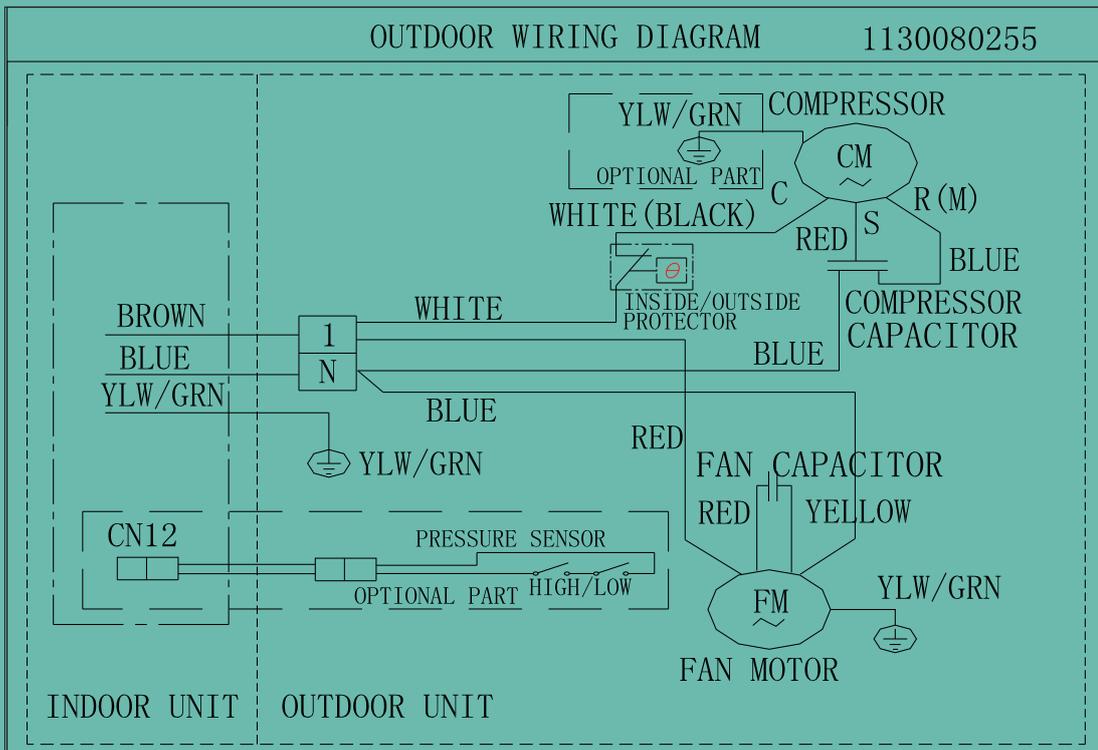
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INDOOR UNIT



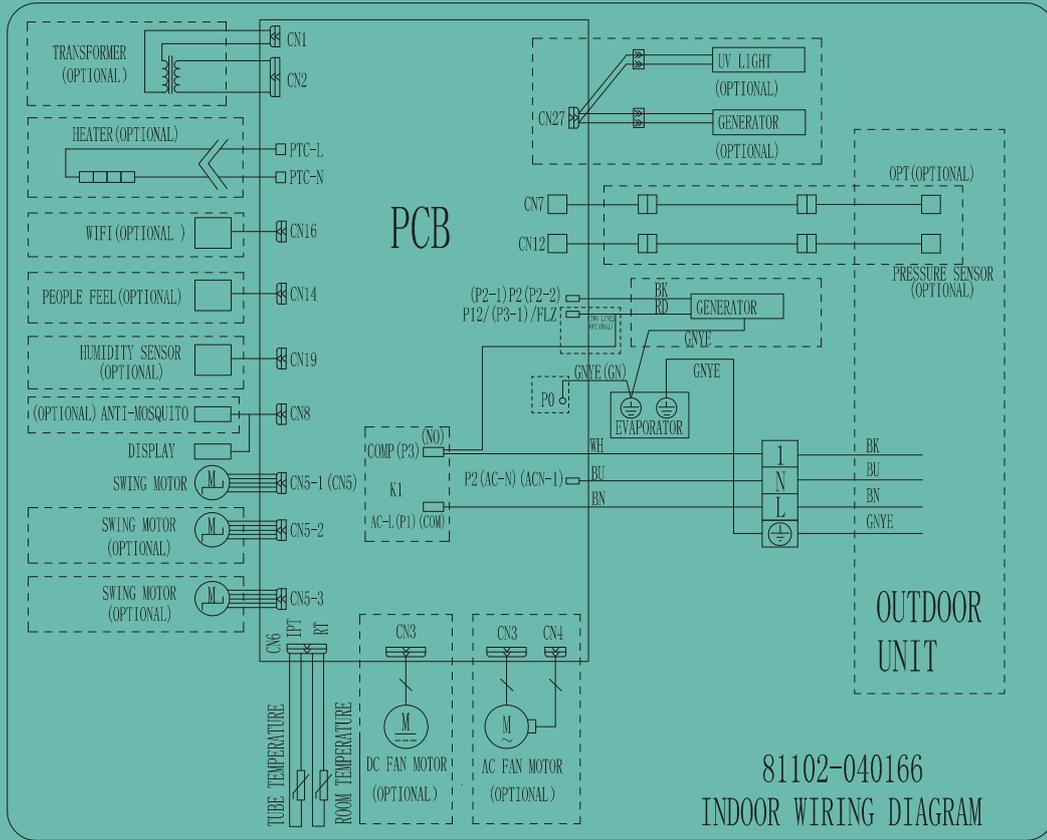
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OUTDOOR UNIT



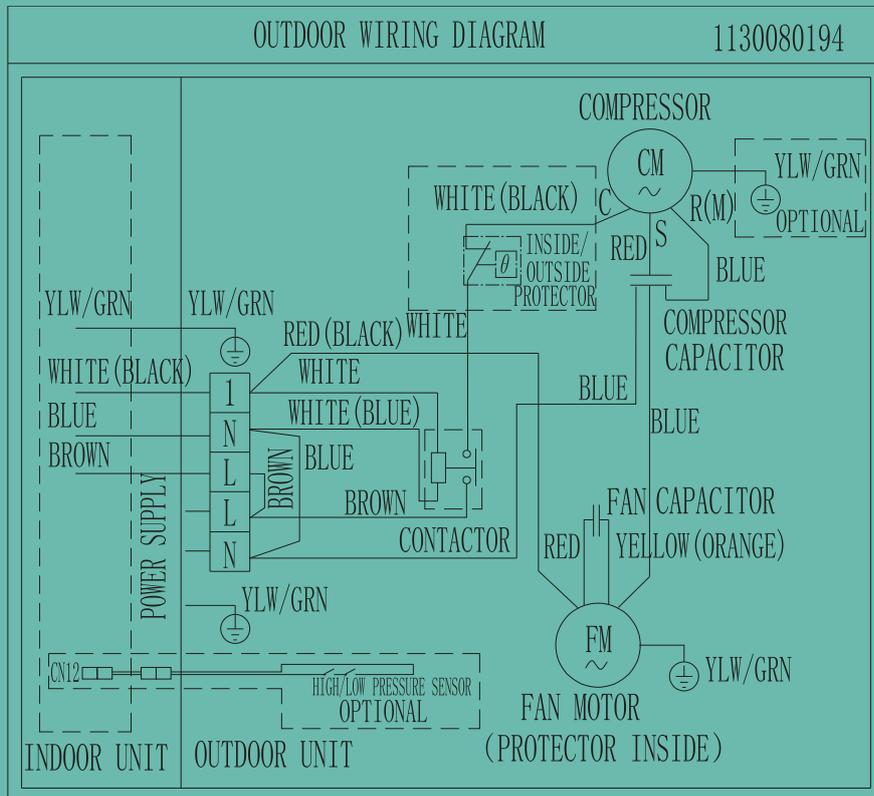
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INDOOR UNIT



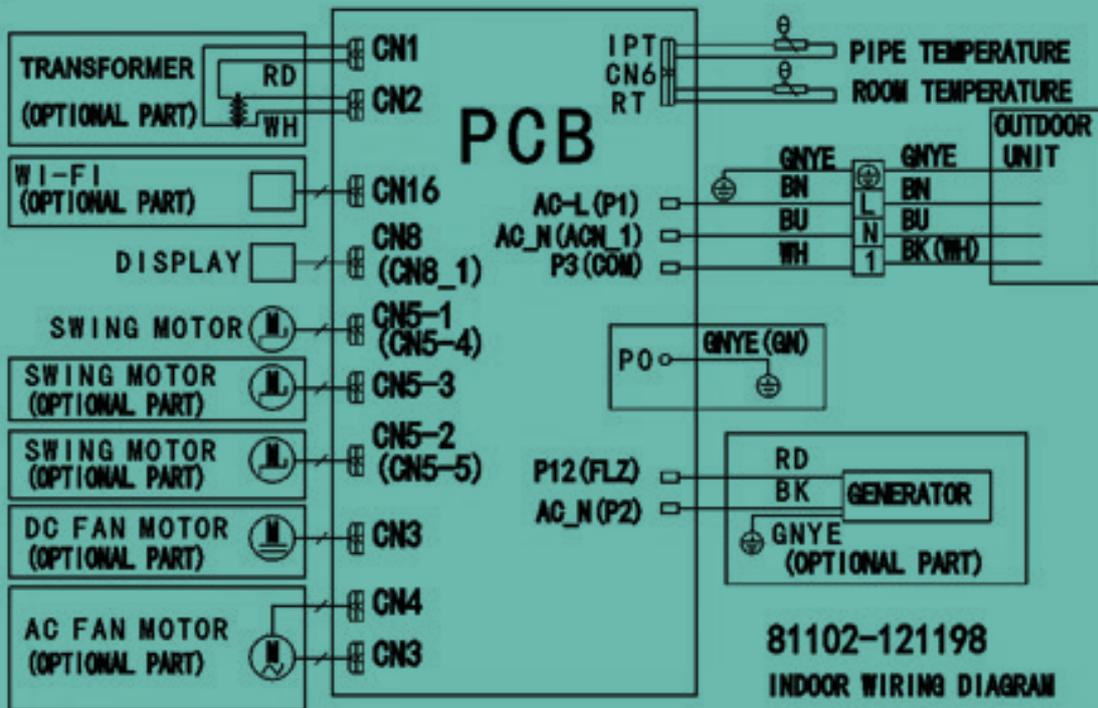
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OUTDOOR UNIT



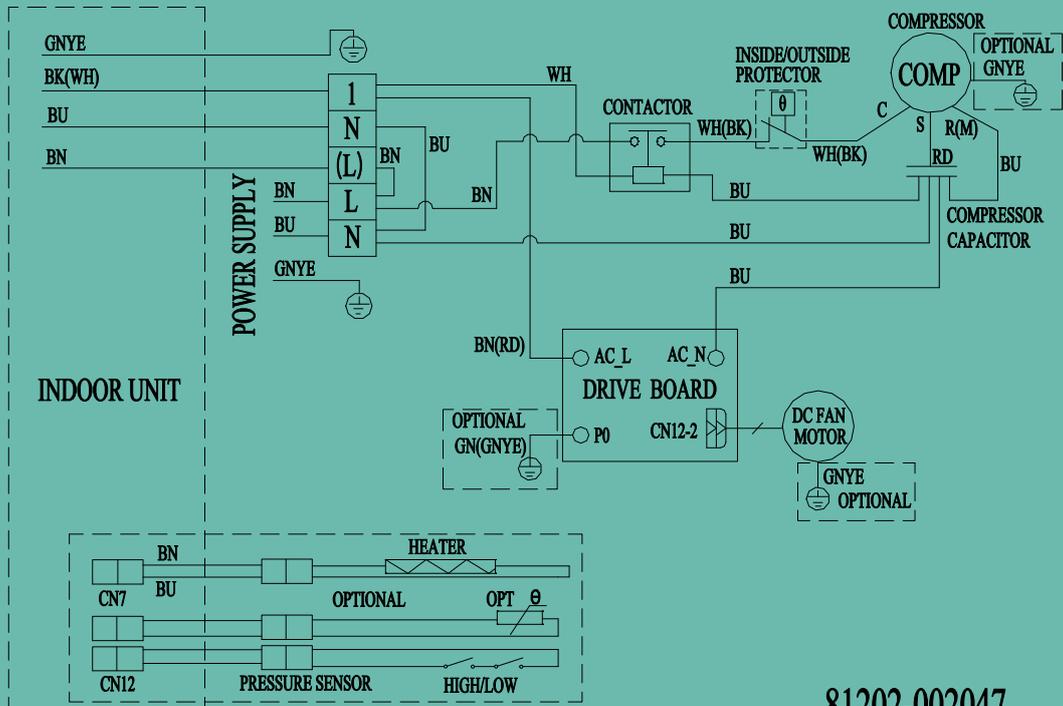
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