



engineered for life™



# A WINNING PERFORMANCE WITH THE RHEEM® INVERTER SERIES



**HIGH EFFICIENCY  
AIR CONDITIONERS**

Learn more at [Rheem-MEA.com](http://Rheem-MEA.com)



WE DON'T MAKE PRODUCTS, WE PROVIDE

# SOLUTIONS

## SOLUTIONS FOR A GREENER PLANET

At Rheem®, providing The New Degree of Comfort® is about more than just product performance—it's about taking a higher degree of responsibility for future generations. That's why, from air to water and residential to commercial, our focus is on creating solutions that leave you feeling comfortable—and leave the planet a little better than we found it.

## SOLUTIONS FOR EFFICIENT & EARTH FRIENDLY PRODUCTS

We understand that with increased environmental concerns, R22 is becoming less popular. The production of R22 refrigerant contributes to the depletion of the ozone layer and adds to global warming. Rheem® always focuses on environmentally friendly, energy saving and high performance air conditioners and hence today most of Rheem®'s products are developed with R410A refrigerant. R410A refrigerant is highly efficient and has an Ozone Depletion Potential (ODP) of 0.



# ENVIR<sup>o</sup>NMENT

FRIENDLY

## Turbo Cooling

Starting at a High Frequency of 100Hz

Air volume increased by 20%

Noise reduced by 1-2 dB(A)



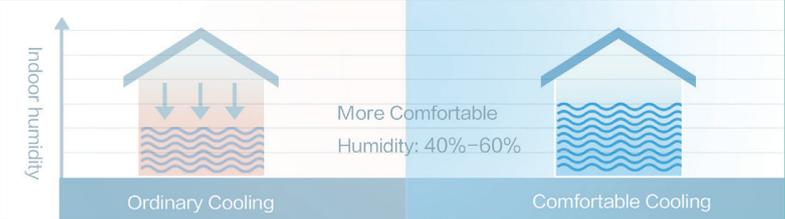
Data from specific sample under testing condition

Shower-style air flow  
In Cooling Mode



# COMFORTABLE COOLING

Avoiding too much dehumidification.  
Maintaining comfortable humidity.

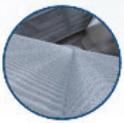


**R410A**  
REFRIGERANT



## SELF-CLEANING

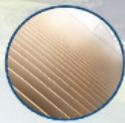
Self-cleaning process helps keep the evaporator coil clean and prevents mold, dust, and bacteria build-up, ensuring better air quality and efficiency.



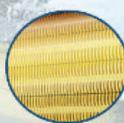
1. Frosting



2. Fan Defrosting



3. Fan Drying



4. Cleaned Evaporator



## FILTER-CLEANING REMINDER

After running for a particular period, the air conditioner will automatically detect the cleanliness of the filter and remind users to clean the filter to avoid any bacteria formation.



## HEALTHY FILTER (OPTIONAL)



Photocatalyst Filter



Silver ion Filter



Active Carbon Filter



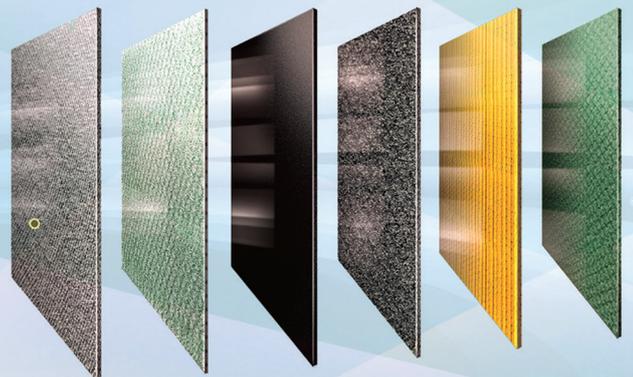
Catechin Filter



Vitamin C Filter



Anti-Dust Static Filter



# RAPID COOLING



\*RAPID COOLING TO 18°C IN 30"  
RAPID HEATING TO 40°C IN 60"

(30K MODEL ONLY)

HEATING IS ONLY APPLICABLE FOR 30K MODEL

18°C

Cool wind blows out



In Cooling Mode  
Outlet Temperature Decreased  
from 27°C to 18°C in 30"



40°C\*

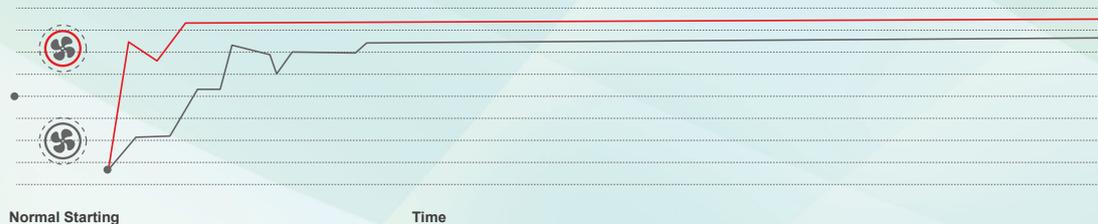
Heat wind blows out



In Heating Mode  
Outlet Temperature Increased  
from 20°C to 40°C in 60"  
Heating only applicable for 30K model

## Operation Status Comparison

Rheem Super Turbo Start



Normal Starting

Time

\* Electric auxiliary heat only

(Limitation on return air temperature)

## STRONG COOLING IN HIGH AMBIENT TEMPERATURE

Nonstop cooling in 60°C ambient temperature.

Air-cooled electric control box technology is applied to effectively cool down temperature of electric parts in outdoor unit.



◀ 60°C



## SPLIT AIR-CONDITIONER



## Standard



Emergency Button



Independent Dehumidify



Low Noise



Anti-cold



Sleep Mode



24H Timer



Auto Restart



Rust Proof



Dual Drainage

## MODELS

RW12AICT00

RW18AICT00

RW24AICT00

RW30AIHT01

## FULL DC INVERTER AIR CONDITIONER



DC Inverter Compressor



Outdoor DC motor



Indoor vane DC motor

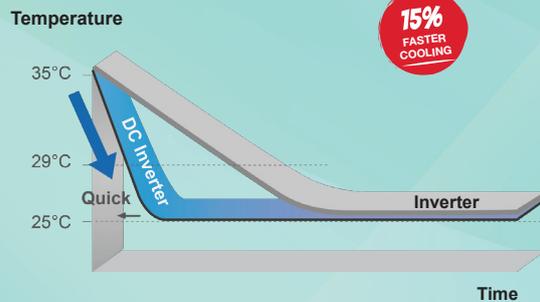


Indoor DC motor

## DC INVERTER

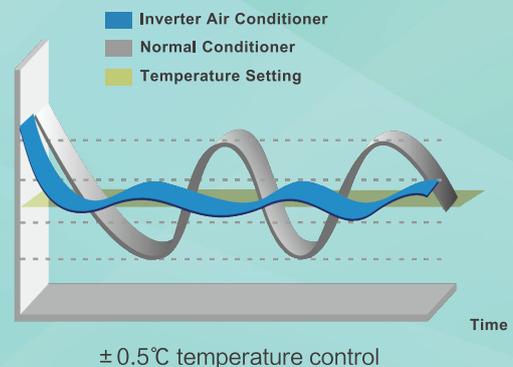
### Fast Cooling

DC inverter air conditioner enables the compressor to achieve maximum frequency in the shortest time from start up. It cools down 15% faster than conventional non-inverter air-conditioner.



### Precise Cooling

A DC inverter air conditioner varies the compressor rotation speed to provide a precise method of maintaining the set temperature.





### FAST COOLING

No more annoying sound from sudden speed change. A DC inverter air conditioner works at an extra-quiet mode to ensure you a good sleep.



### LOW TEMPERATURE HEATING

Keeps you warm even when the outdoor temperature is as low as  $-20^{\circ}\text{C}$ . The high frequency of the DC inverter air conditioner enables the compressor to operate at various speed, which can be applied to different environments and ambient temperatures (30K model only).



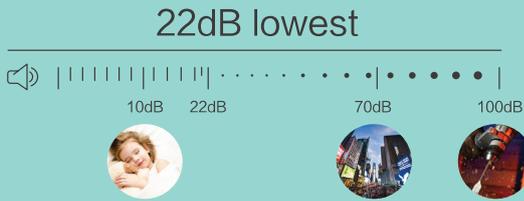
### WIDE VOLTAGE RANGE START-UP

Available in most areas in the world. In a DC Inverter air-conditioner, voltage and current of the motor are controlled to ensure high efficient operation and reduce vibration. The air conditioner can operate within the voltage range of 165-265V, even in a place where the voltage is not stable or too low.



## SUPER QUIET: 22dB LOWEST

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



## HIGH EFFICIENCY

Larger air inlet and outlet and optimized duct system largely increases its efficiency and saves energy consumption.



## 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.



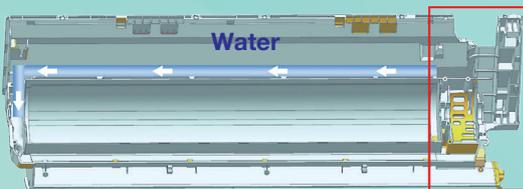
## ECO

By activating the ECO mode, the air conditioner will automatically work in the most efficient and energy saving way, while maintaining the most comfortable experience in the living room.



## SAFETY DESIGN

- No connection between condensate water & electricity.



**Electric Zone**

- Fireproof Electric Control Box  
BMC material is applied which creates high heat resistance & erosion resistance.



## INNER-GROOVED COPPER TUBES

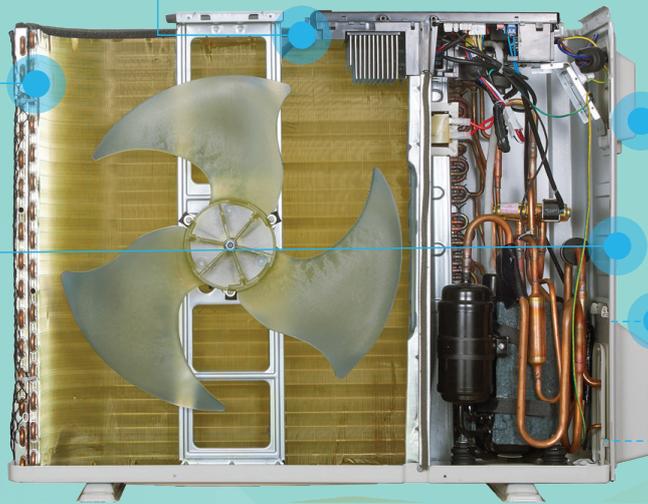
With the high quality inner-grooved copper, the thermal conductivity is significantly improved by 20-30% more than that of smooth tubes, because of the increased surface area of the inner copper wall.



## CONDENSING UNIT

### 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.



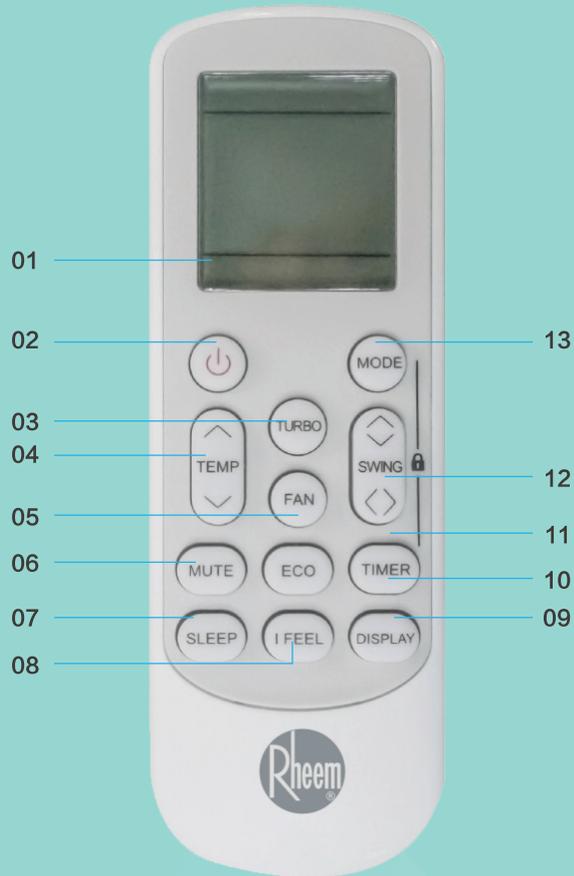
### Flanging Processed Plate Metal

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

### Convenient Handle

Easy to carry the unit.

## REMOTE CONTROLLER



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

Heating mode is only applicable for 30K model

## FEATURES SUMMARY

50HZ inverter				
Range	12K	18K	24K	30K
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	●	●	●	●
Self Diagnosis ( Error code )	●	●	●	●
Remote LCD	●	●	●	●
Filter Configuration	●	●	●	●
Intelligent Defrost	-	-	-	-
Filter Dirty Alarm	●	●	●	●
Cold Plasma or Ioniser	○	○	○	○
Children Lock	●	●	●	●
Evaporator Fins	Golden	Golden	Golden	Golden
Condenser Fins	Golden	Golden	Golden	Golden
Max Piping Capability Total (Metre)	25	25	25	25
Max Piping Capability Vertical (Metre)	15	15	15	15

● Standard    ○ Optional    - N/A

# TECHNICAL SPECIFICATIONS

Model No.			RW12AICT00	RW18AICT00	RW24AICT00	RW30AIHT01
Type			Cooling only	Cooling only	Cooling only	Heating pump
Power supply			220-240V / 50Hz	220-240V / 50Hz	220-240V / 50Hz	220-240V / 50Hz
Voltage Range		V	198-242	198-242	198-242	165-265
Cooling T1	Rated capacity	Btu/h	12100(2559-15354)	18500(4436-19790)	24000(4094-24908)	30000 (6142-35314)
	Rated capacity	W	3540(750-4500)	5422(1300-5800)	7034(1200-7300)	8792 (1800-10350)
	EER	Btu/h/W;	12.00	12.5	12	11.50
	EER	W/W	3.52	3.66	3.52	3.37
	Rated power input	W	1008(150-1500)	1480(270-2600)	2000(280-2900)	2609 (440-4000)
	Rated current	A	4.6(1.1-9.0)	8.9(1.2-12.0)	9.1(1.2-13.0)	11.6 (2.9-19.0)
Cooling T3	Rated capacity	Btu/h	11100(2559-13648)	17500(4436-19790)	21200(4094-24908)	25500 (6142-35314)
	Rated capacity	W	3240(750-4000)	5129(1300-5800)	6213(1300-6500)	7474 (1800-10350)
	EER	Btu/h/W;	8.80	9.01	9.3	8.50
	EER	W/W	2.58	2.64	2.73	2.49
	Rated power input	W	1261(150-1500)	1942(270-2600)	2280(280-2900)	3000 (440-4000)
	Rated current	A	5.6(1.1-9.0)	11.7(1.2-12.0)	10.3(1.2-13.0)	13.3 (2.9-19.0)
	Max power input	W	1500	2600	2900	4000
	Max current	A	9.0	12.0	13.0	19.0
Heating	Rated capacity	W	/	/	/	9672 (2000-11000)
	COP	W/W	/	/	/	3.40
	Rated power input	W	/	/	/	2845 (650-4000)
	Rated current	A	/	/	/	12.6 (4.4-19.0)
	Max power input	W	/	/	/	4000
	Max current	A	/	/	/	19.0
Pressure	High(DP)	MPa	4.5	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9	1.9
Indoor noise level at cooling	Super	dB(A)	43	51	54	55
	High	dB(A)	41	49	52	51
	Med.	dB(A)	35	44	46	46
	Low	dB(A)	29	39	40	40
	Quite	dB(A)	26	33	39	38
Outdoor noise level		dB(A)	54	55	60	63
Refrigerant		kg	R410A/0.65	R410A/1.06	R410A/1.10kg	R410A/2.45
Net dimensions (W x Dx H)	Indoor		910x294x206	1010x315x220	1191x360x258	1186x340x258
	Outdoor		795x305x550	853x349x602	920x380x699	976x421x804
Packing dimensions (W x D x H)	Indoor		979x372x277	1096x390x297	1260x430x328	1265x420x337
	Outdoor (without piping)		840x340x605	890x385x628	949x392x732	1022x480x835
	Outdoor (with piping)		852x358x610	890x385x628	950x420x732	1022x480x835
Net weight	Indoor	Kg	10.0	12	16	19
	Outdoor	Kg	22.0	28.5	37	50
Gross weight	Indoor	Kg	12.0	15	19	22
	Outdoor (without piping)	Kg	25.0	31.5	41	55
	Outdoor (with piping)	Kg	26.0	32.5	42	57
Stuffing qty	40'HQ (without piping)		255	195	140	105
	40'HQ (with piping)		245	195	135	105
Moisture removal		Liters/h	1.2	1.8	2.2	3.0
Compressor	Type		Rotary	Rotary	Rotary	Rotary
Evaporator			Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7
Condenser			Louver or Corrugated Fin; Innergroover tube type φ5 or φ7	Louver or Corrugated Fin; Innergroover tube type φ5 or φ7	Louver or Corrugated Fin; Innergroover tube type φ5	Louver or Corrugated Fin; Innergroover tube type φ7
Expansion device			Capillary tube	Capillary tube	Capillary tube	Capillary tube
Indoor air volume	Cooling	m3/h	750/700/560/440/410	1000/940/780/660/550	1450/1330/1100/920/870	1500/1330/1125/910/850
Outdoor fan type			Propeller	Propeller	Propeller	Propeller
Connecting Pipe	Gas	Inches	φ9.52(3/8")	φ12(1/2")	φ12(1/2")	φ15.88(5/8")
	Liquid	Inches	φ6(1/4")	φ6(1/4")	φ6(1/4")	φ6(1/4")
Connecting Wiring	Size x Core number		4x1.0	4x1.5	4x0.75	4x0.75
Drainage Pipe			O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm
Suitable area		m2	15-25	20-35	30-50	40-60

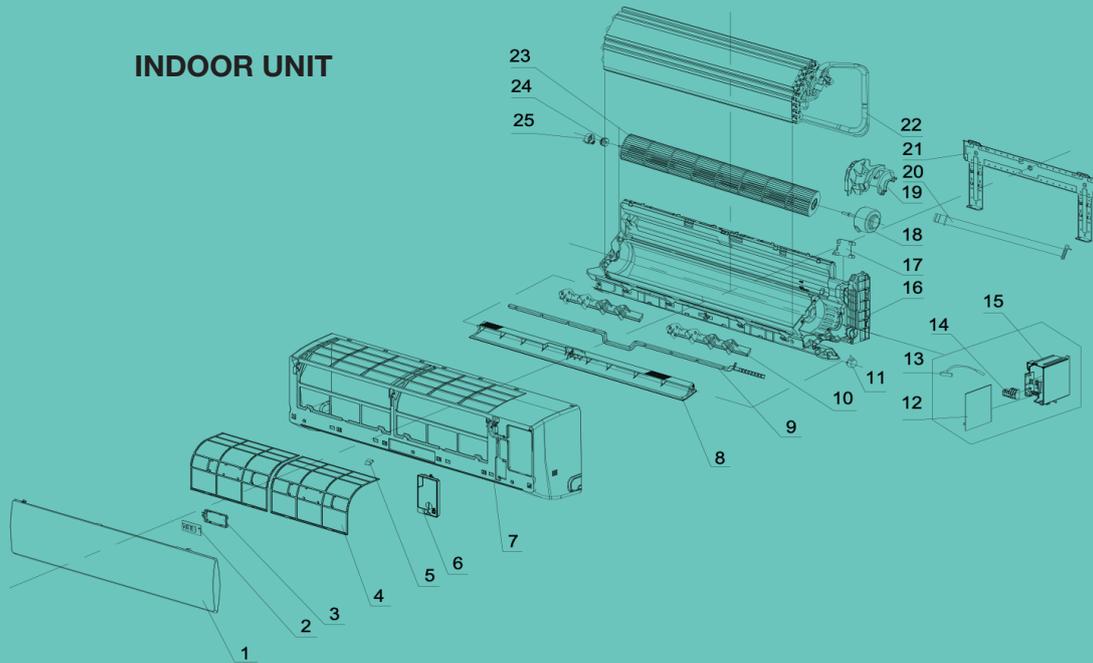
\* (I) Entering Air D.B.T / Air W.B.T: 80°F / 67°F, (O) Entering Air D.B.T: 95°F

\*\* (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 - RINW12AICT00

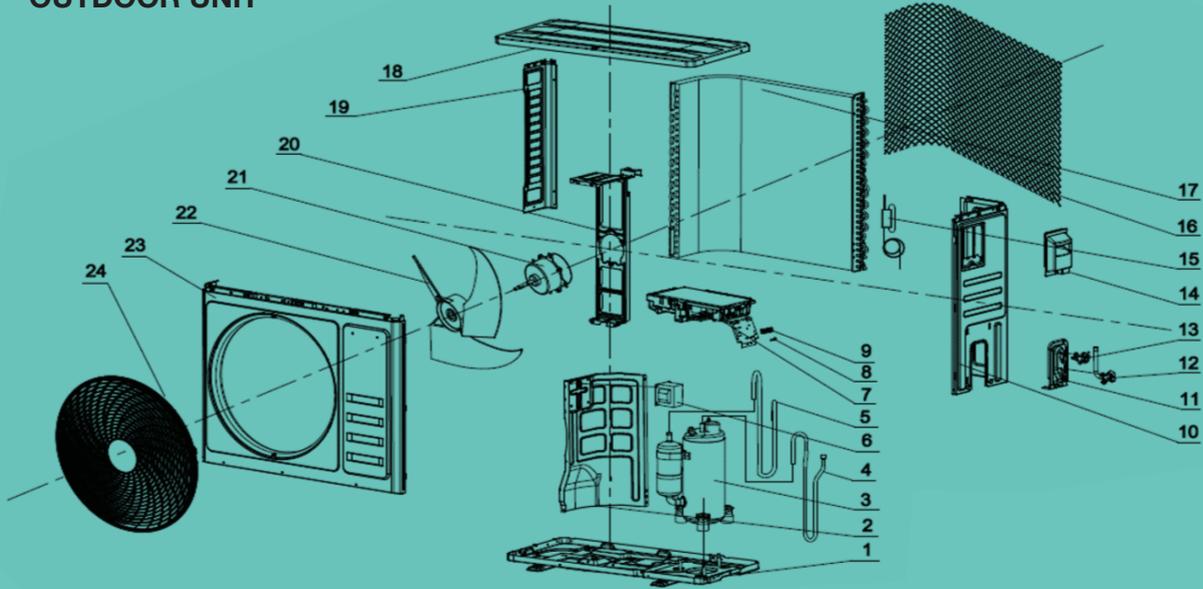
## INDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARK
1	41106-002078	Front Panel	1	
2	31102-000085	Display PCB	1	
3	42003-000001	Display PCB Box	1	
4	42008-000075	Air Filter	1	
5	41108-000066	Screw Cover	2	
6	41105-000146	Electrical Box Cover	1	
7	41106-002356	Face Frame	1	
8	41103-000149	Vane	1	
9	41101-000166	Vertical Vane Connector	1	
10	41101-000067	Vertical Vane Assembly	1	
11	22001-000321	Vane Motor	1	
12	31101-002348	Main PCB	1	
13	10104-100014	Indoor Sensor Assembly	1	
14	11304-100028	Terminal	1	
15	41105-000415	Electrical Box	1	
16	41102-000083	Base	1	
17	41101-000242	In And Out Pipe Fixer	1	
18	22001-000562	Indoor Motor	1	
19	41108-000013	Indoor Motor Cover	1	
20	42009-000011	Drainage Hose	1	
21	41109-000041	Installation Plate	1	
22	92011-002777	Evaporator	1	
23	42004-000012	Cross Fan	1	
24	42007-000009	Bearing Mount	1	
25	41101-000251	Bearing Mount Holder	1	
26	22013-000781	Remote Controller	1	
27	A1101-000315	Indoor Carton	1	
28	A2006-000040	Left Foaming	1	Not shown in Explosion view
29	A2006-000019	Right Foaming	1	
30	32001-000140	WIFI	1	

# EXPLODED VIEW - RONW12AICT00

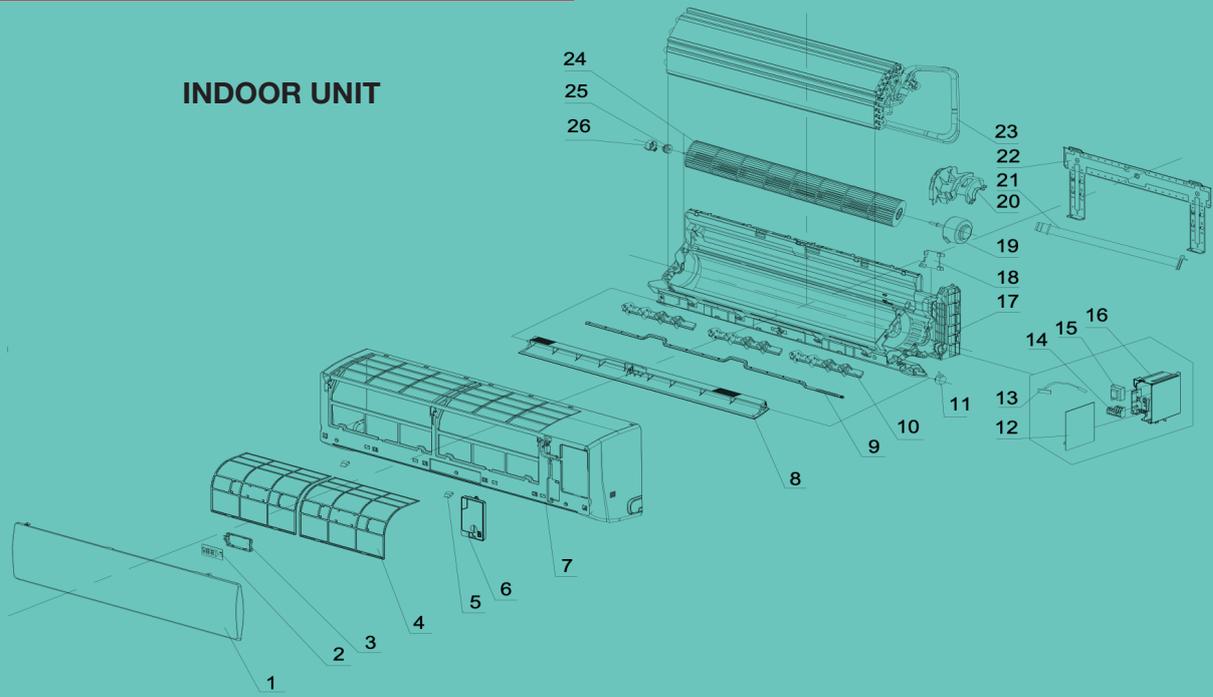
## OUTDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARK
1	41202-000586	Base	1	
2	41208-000692	Middle metal panel	1	
3	92014-000950	compressor	1	
4	92006-009371	discharge pipe assembly	1	
5	92007-020505	suction pipe assembly	1	
6	/	Reactor	1	
7	31201-003036	outdoor main pcb of split unit	1	
8	42001-000036	Clamp	1	
9	210902377	Terminal	1	
10	41205-000627	right plate	1	
11	41204-000018	valve supporter	1	
12	92007-001041	Globe valve assembly	1	
13	92007-007226	Globe valve assembly	1	
14	41201-000029	Electrical Box Cover	1	
15	92007-021126	capillary assembly	1	
16	42011-000501	back grill (metal)	1	
17	92011-011079	condenser	1	
18	41207-000040	Top cover	1	
19	41205-000131	Left supporter	1	
20	41203-000522	Outdoor Motor Supporter	1	
21	22001-000555	Outdoor motor	1	
22	42004-000104	propeller fan	1	
23	41206-000101	front plate	1	
24	42011-000089	Fan guard	1	
25	10104-100056	NTC Sensor Assembly	1	
26	41110-000203	Cover foam	1	
27	A1201-002981	Cabinet carton	1	Not shown in explosion view
28	A1202-000025	Base foam	1	
29	A2005-000541	Base carton	1	

# EXPLODED VIEW - RINW18AICT00

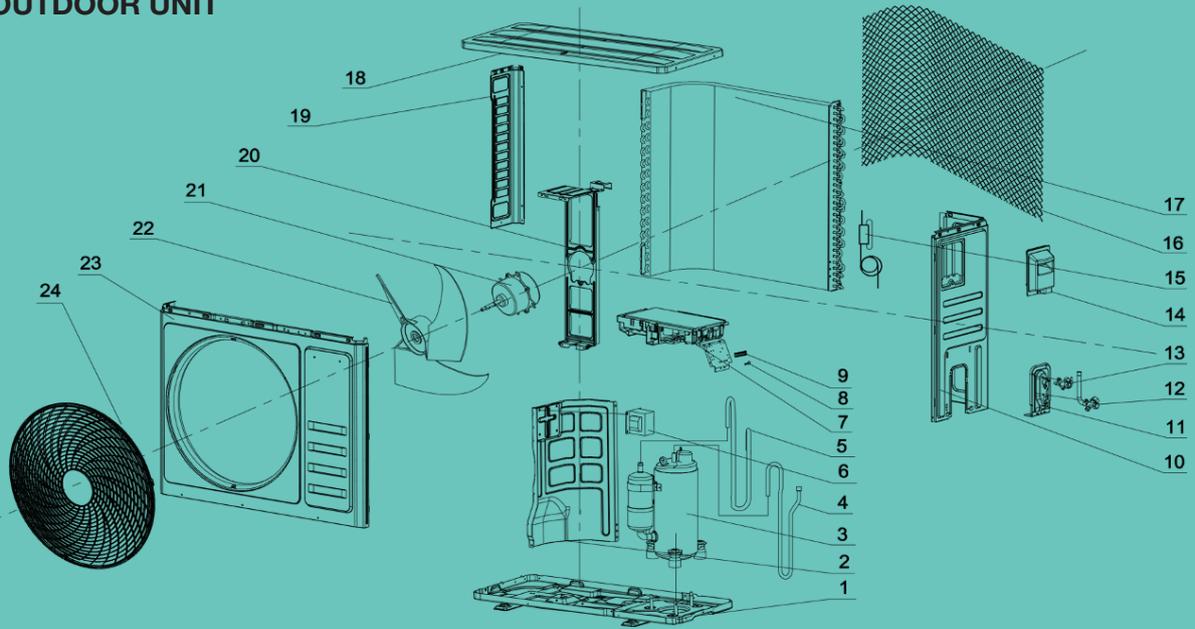
## INDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARK
1	41106-002088	Front Panel	1	
2	31102-000085	Display PCB	1	
3	42003-000001	Display PCB Box	1	
4	42008-000001	Air Filter	1	
5	41108-000066	Screw Cover	2	
6	41105-000146	Electrical Box Cover	1	
7	41106-002351	Face Frame	1	
8	41103-000484	Vane	1	
9	41507-000076	Vertical Vane Connector	1	
10	41101-000042	Vertical Vane Assembly	3	
11	22001-000321	Vane Motor	1	
12	G0301-112135	Main PCB	1	
13	10104-100014	Indoor Sensor Assembly	1	
14	11304-100028	Terminal	1	
15	/	Transformer	1	
16	41105-000415	Electrical Box	1	
17	41102-000018	Base	1	
18	41101-000224	In And Out Pipe Fixer	1	
19	22001-000726	Indoor Motor	1	
20	42003-000045	Indoor Motor Cover	1	
21	42009-000011	Drainage Hose	1	
22	41109-000019	Installation Plate	1	
23	92011-003120	Evaporator	1	
24	42004-000002	Cross Fan	1	
25	42007-000009	Bearing Mount	1	
26	41101-000251	Bearing Mount holder	1	
27	22013-000781	Remote Controller	1	
28	A1101-002076	Indoor Carton	1	Not shown in Explosion view
29	A2006-000060	Left Foaming	1	
30	A2006-000059	Right Foaming	1	

# EXPLODED VIEW - RONW18AICT00

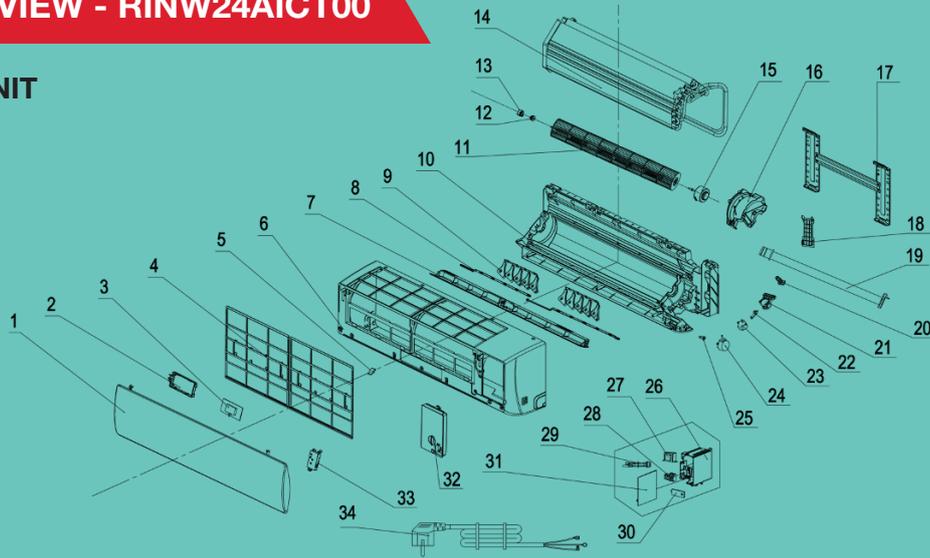
## OUTDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARK
1	H0104-110124	Base	1	
2	41208-001054	Paratition Plate	1	
3	92014-000861	Compressor	1	
4	K0206-110784	Discharge pipe assembly	1	
5	92007-019900	Suction pipe assembly	1	
6	/	Inductor	/	
7	G0301-110925	Outdoor PCB assembly	1	
8	42001-000038	Clamp	1	
9	11304-100017	Terminal	1	
10	H0107-110103	Right plate	1	
11	41204-000018	valve supporter	1	
12	92007-001066	Three-way valve	1	
13	92007-005294	Two-way valve	1	
14	41201-000029	Large handle assembly	1	
15	K0204-110289	Capillary assembly	1	
16	42011-000523	Back grille	1	
17	K0304-110724	Condenser	1	
18	41207-000033	top cover ass'y	1	
19	41205-000119	Left panel	1	
20	41203-000052	motor bracket assembly	1	
21	22001-000555	Outdoor motor	1	
22	42004-000245	Propeller fan	1	
23	41206-000305	front panel	1	
24	42011-000085	Fan guard	1	
25	10104-100177	Sensor	1	Not shown in the Explosion view.
26	A2005-000540	Base carton	1	
27	41213-000019	Cover Foam	1	
28	A1202-000026	Base foam	1	
29	92009-000171	indoor and outdoor connection pipe	1	
30	92009-000218	indoor and outdoor connection pipe	1	
31	A1201-000396	Cabinet carton	1	

# EXPLODED VIEW - RINW24AICT00

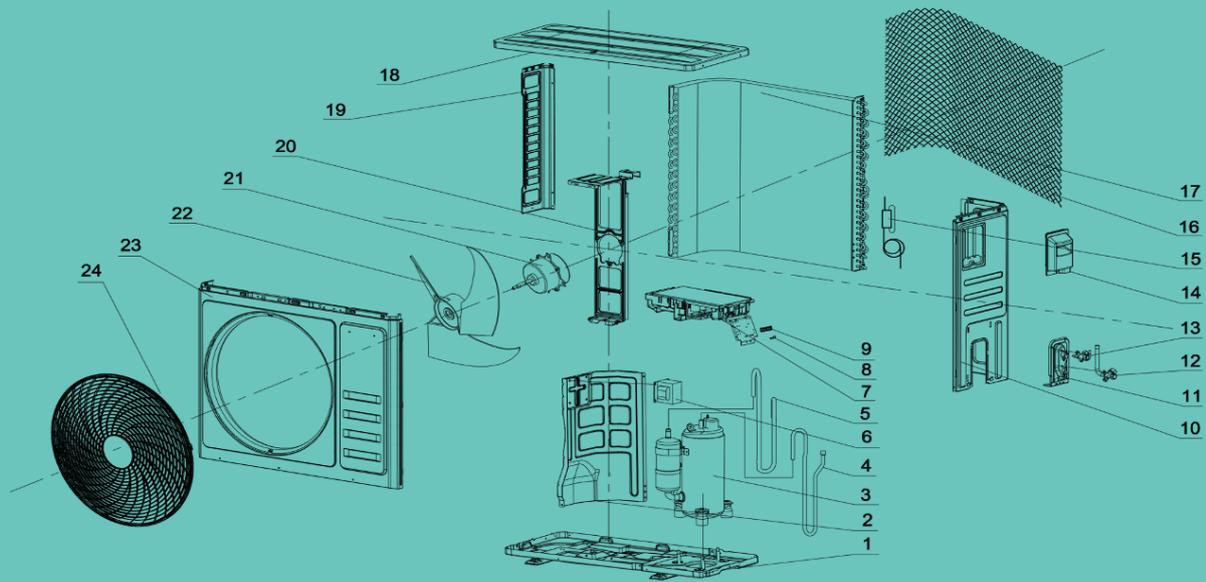
## INDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARK
1	41106-002086	Front panel assembly	1	
2	42003-000001	display PCB box	1	
3	31102-000109	Display PCB	1	
4	42008-000239	air filter	2	
5	41108-000066	screw cover	3	
6	41106-014054	middle support	1	
7	41103-000644	vane	1	
8	41101-000529	auto vertical vane connector	1	
9	41101-000374	Vertical vane	1	
10	41102-000602	base assembly	1	
11	42004-000242	cross fan	1	
12	42007-000009	Bearing mount	1	
13	41101-000250	Bearing sleeve	1	
14	92011-010166	evaporator	1	
15	22001-000726	Indoor Motor	1	
16	41108-000203	cover of motor	1	
17	41109-000084	Installation plate	1	
18	41101-000240	In and out pipe fixer	1	
19	42009-000011	Drainage hose	1	
20	92012-000185	Drain pipe rubber plug	1	
21	41108-000134	Moistureproof box	1	
22	/		1	
23	29901-000078	Step motor	1	
24	22001-000360	Step motor	1	
25	41101-000252	Electric axis	1	
26	41105-000415	Electrical box	1	
27	10501-100016	transformer	1	
28	11304-100028	Terminal	1	
29	10104-100022	Sensor	1	
30	42001-000103	Clamp	1	
31	G0301-111129	main pcb of wall-mounting unit	1	
32	41105-000146	Electrical box cover	1	
33	/	WIFI module	1	
34	22007-000108	Power supply cord	1	
0	A1102-000042	packing foam(left)	1	
0	22013-004239	remote control	1	
0	A2005-001127	carton	1	
0	A1102-000043	packing foam(right)	1	

# EXPLODED VIEW - RONW24AICT00

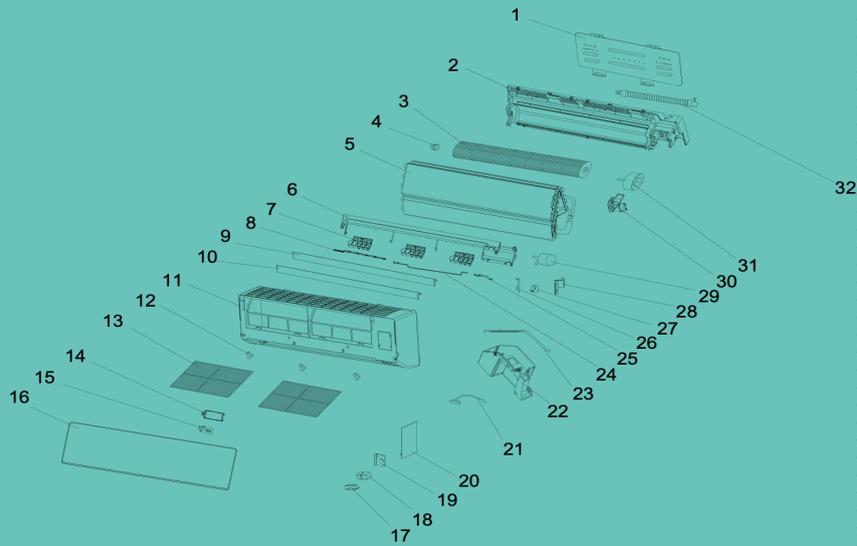
## OUTDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARK
1	41202-000521	base	1	
2	41208-001053	partition plate	1	
3	92014-000992	compressor	1	
4	K0206-110307	discharge pipe assembly	1	
5	K0206-110235	suction pipe assembly	1	
6	/		1	
7	G0301-110935	Outdoor control assembly	1	
8	42001-000035	Clamp	1	
8	42001-000039	Clamp	1	
9	11304-100004	Terminal	1	
10	41205-000868	right plate	1	
11	41204-000018	valve supporter	1	
12	92007-001042	Globe valve assembly	1	
12	92007-001048	Globe valve assembly	1	
14	41201-000015	Electrical Box Cover	1	
15	92007-021059	Capillary assembly	1	
16	42011-000525	back grill (metal)	1	
17	92011-010303	condenser	1	
18	41207-000028	Top cover	1	
19	41205-000117	Left panel	1	
20	41203-000032	Motor supporter assembly	1	
21	22001-000643	motor	1	
22	42004-000249	propeller fan	1	
23	41206-000210	front plate	1	
24	42011-000417	Fan guard	1	
0	A2005-000521	Base carton	1	
0	41110-000204	Cover foam	1	
0	A1202-000030	Base foam	1	
0	10104-100058	Sensor	1	
0	A1201-000639	Cabinet carton	1	

# EXPLODED VIEW - RINW30AIHT01

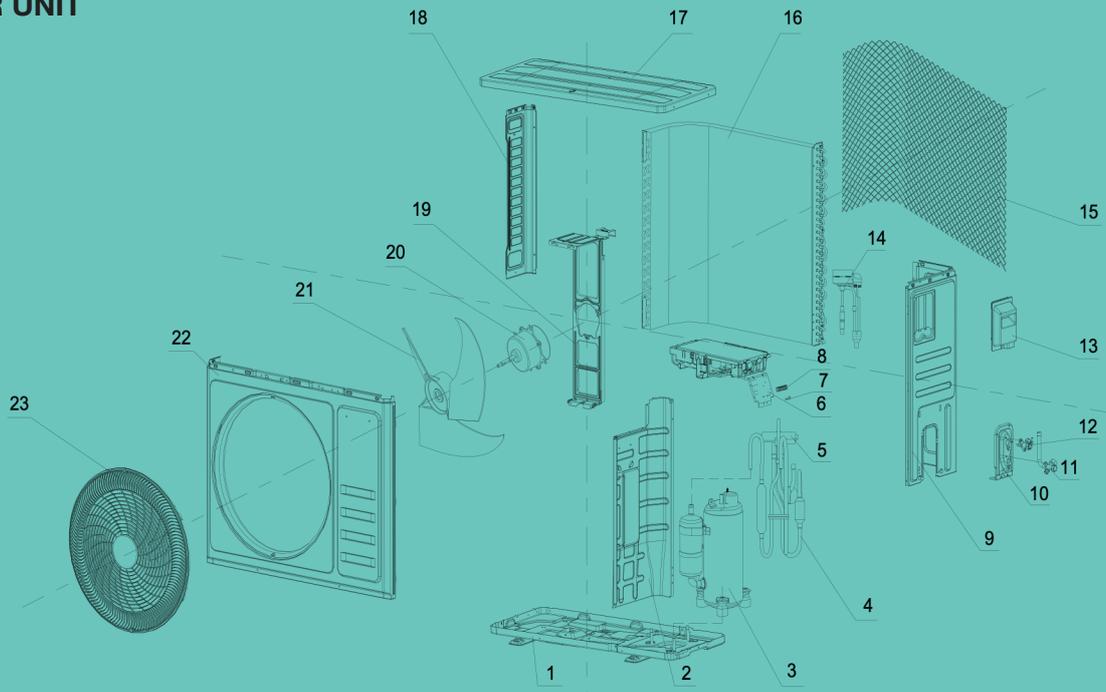
## INDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARK
1	41109-000083	Installation Plate	1	
2	41199-004901	Base	1	
3	42004-000042	Cross Fan	1	
4	42007-000001	Bearing Mount	1	
5	92011-003058	Evaporator	1	
6	41103-000050	Water Drainage Assembly	1	
7	41101-000035	Vertical Vane Assembly	3	
8	41101-000125	Vertical Vane Connector 1	1	
9	41103-000317	UpVane	1	
10	41103-000312	Down Vane	1	
11	41106-002275	Face Frame	1	
12	41108-000066	Screw Cover	3	
13	42008-000041	Air Filter	2	
14	42003-000001	Display PCB Box	1	
15	31102-000109	Display PCB	1	
16	41106-002086	Front Panel	1	
17	42001-000103	Cable Clamp	1	
18	11304-100047	Terminal	1	
19	N/A	Terminal fixing board	1	
20	31101-001999	Main PCB	1	
21	10104-100022	Indoor Sensor Assembly	1	
22	41105-000139	Electrical Box	1	
23	41211-000080	Electrical Box Cover	1	
24	41101-000118	Vertical Vane Connector 2	2	
25	41101-000113	Vertical Vane Connector 3	1	
26	41108-000058	Right Vertical Vane connector	1	
27	22001-000362	Step Motor	1	
28	42001-000006	Step Motor Supporter	1	
29	22001-000357	Vane Motor	1	
30	22001-000240	Indoor Motor	1	
31	41108-000006	Indoor Motor Cover	1	
32	42009-000004	Drainage Hose	1	
33	22013-002319	Remote Controller	1	Not shown in Explosion view
34	A1101-000267	Indoor Carton	1	
35	A2004-000273	Left Foaming	1	
36	A2004-000322	Right Foaming	1	

# EXPLODED VIEW - RONW30AIHT01

## OUTDOOR UNIT



NO.	PART NO.	PART NAME	Q'TY	REMARK
1	41202-000512	Base	1	
2	41208-000228	Partition plate	1	
3	95017-000031	Compressor and accessories	1	
4	92007-018644	4-way valve assembly	1	
5	92008-000206	4-way valve	1	
6	31201-002691	Outdoor PCB Assembly	1	
7	42001-000035	Cable clamp	1	
	42001-000039	Cable clamp	1	
8	11304-100004	Terminal	1	
9	41205-000798	Right plate	1	
10	41204-000018	Valve supporter	1	
11	92007-001045	Three-way valve	1	
12	92007-001050	Two-way valve	1	
13	41201-000029	Eelectronic Box Cover	1	
14	92007-018646	Electronic expand valve	1	
15	42011-000419	Grille	1	
16	92011-009467	Condenser	1	
17	41207-000048	Top cover	1	
18	41205-000217	Left plate	1	
19	41203-000115	Outdoor motor supporter	1	
20	22001-000147	Outdoor motor	1	
21	42004-000091	Propeller fan	1	
22	41206-000075	Front plate	1	
23	42011-000417	Fan guard	1	
24	10104-100058	Outdoor Temp. sensor assembly	1	Not shown in Explosion view
25	A1201-012669	Base carton	1	
26	A1201-012670	Cabinet carton	1	
27	A1202-000086	Base foaming	1	
28	A1202-000085	Cover foaming	1	

# PERFORMANCE TABLE

## RW12AICT00

AFR(CFM)	EWB(°C)	EDB(°C)	Outdoor Temperature											
			35°C			40°C			46°C			50°C		
			TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	10.441	8.464	0.995	10.237	7.818	1.064	9.406	7.497	1.243	8.904	5.614	1.342
	19	27	11.151	9.630	1.001	10.936	8.867	1.071	10.048	8.372	1.257	9.510	6.349	1.372
	19	29	11.191	9.499	1.006	10.976	8.732	1.074	10.085	8.395	1.255	9.546	6.231	1.371
Med	17.2	24.4	11.212	8.909	0.999	11.093	8.228	1.070	10.280	8.540	1.252	9.800	5.912	1.351
	19	27	11.615	10.138	1.001	11.389	9.332	1.077	10.466	8.911	1.267	9.906	6.672	1.375
	19	29	11.659	9.894	1.010	11.432	9.191	1.081	10.504	8.757	1.266	9.943	6.557	1.381
High	17.2	24.4	11.329	9.378	1.004	11.157	8.660	1.076	10.315	8.771	1.261	9.995	6.222	1.361
	19	27	12.100	10.672	1.008	11.914	9.823	1.084	11.058	9.218	1.267	10.467	6.902	1.383
	19	29	12.144	10.525	1.014	11.961	9.676	1.087	11.100	9.503	1.261	10.507	6.784	1.376

## RW18AICT00

AFR(CFM)	EWB(°C)	EDB(°C)	Outdoor Temperature											
			35°C			40°C			46°C			50°C		
			TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	15.964	13.303	1.461	15.651	12.288	1.562	14.830	12.538	1.914	14.038	9.389	2.066
	19	27	17.049	15.136	1.469	16.720	13.936	1.573	15.841	14.001	1.935	14.993	10.618	2.113
	19	29	17.111	14.930	1.477	16.781	13.725	1.577	15.900	14.039	1.933	15.050	10.420	2.112
Med	17.2	24.4	17.142	14.003	1.467	16.960	12.932	1.571	16.207	14.283	1.928	15.450	9.887	2.080
	19	27	17.759	15.935	1.470	17.413	14.668	1.582	16.501	14.903	1.951	15.617	11.158	2.118
	19	29	17.826	15.550	1.483	17.479	14.446	1.587	16.560	14.646	1.949	15.676	10.966	2.127
High	17.2	24.4	17.322	14.740	1.474	17.058	13.612	1.580	16.263	14.669	1.942	15.758	10.406	2.096
	19	27	18.500	16.774	1.480	18.216	15.440	1.591	17.434	15.416	1.952	16.502	11.543	2.130
	19	29	18.567	16.542	1.489	18.288	15.208	1.596	17.500	15.893	1.942	16.565	11.346	2.119

## RW24AICT00

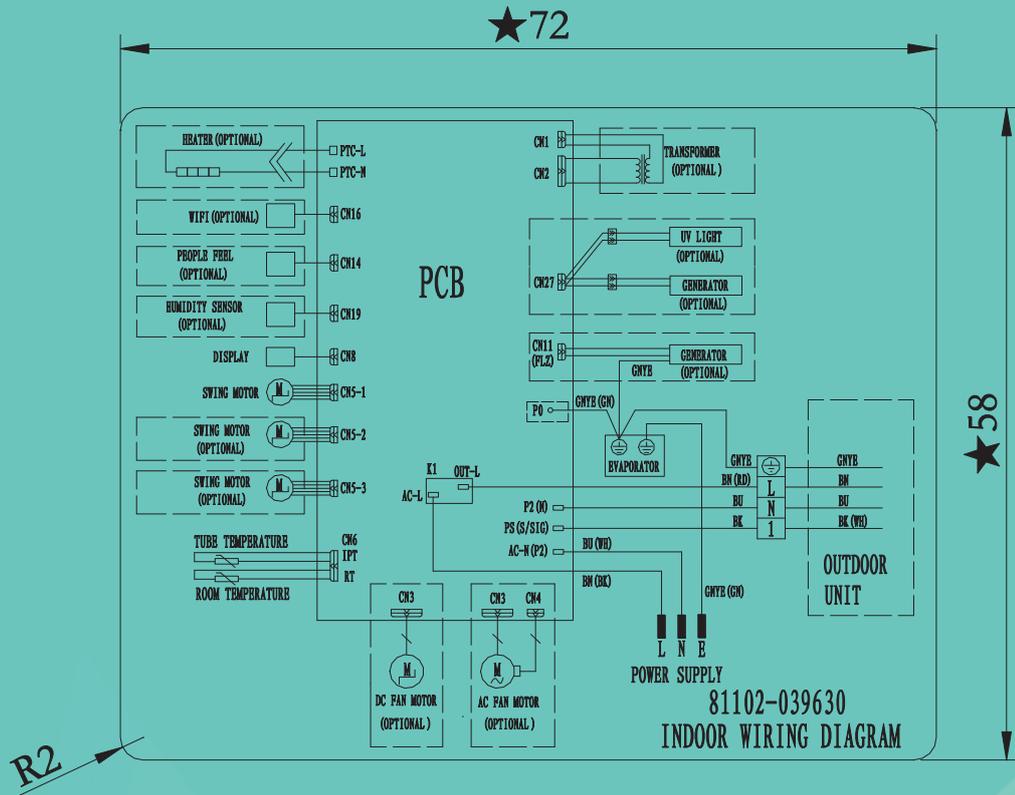
AFR(CFM)	EWB(°C)	EDB(°C)	Outdoor Temperature											
			35°C			40°C			46°C			50°C		
			TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	20.710	18.352	1.975	20.304	16.953	2.110	17.965	15.853	2.247	17.006	11.871	2.426
	19	27	22.118	20.882	1.985	21.691	19.226	2.125	19.190	17.702	2.272	18.163	13.424	2.481
	19	29	22.198	20.597	1.996	21.770	18.935	2.131	19.262	17.750	2.270	18.232	13.175	2.479
Med	17.2	24.4	22.238	19.319	1.983	22.002	17.841	2.123	19.634	18.058	2.264	18.717	12.501	2.442
	19	27	23.039	21.983	1.987	22.589	20.235	2.138	19.990	18.842	2.291	18.919	14.107	2.486
	19	29	23.126	21.453	2.004	22.675	19.930	2.144	20.062	18.517	2.289	18.990	13.865	2.497
High	17.2	24.4	22.472	20.335	1.992	22.129	18.779	2.136	19.701	18.547	2.280	19.090	13.157	2.461
	19	27	24.000	23.141	2.000	23.631	21.301	2.150	21.120	19.491	2.291	19.991	14.594	2.501
	19	29	24.087	22.821	2.013	23.724	20.981	2.157	21.200	20.094	2.280	20.067	14.345	2.488

## RW30AIHT01

AFR(CFM)	EWB(°C)	EDB(°C)	Outdoor Temperature											
			35°C			40°C			46°C			50°C		
			TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	25.785	23.173	2.561	23.483	21.406	2.737	22.232	21.159	3.180	21.045	15.106	3.432
	19	27	27.539	26.367	2.575	25.087	24.277	2.756	23.748	23.888	3.215	22.477	17.083	3.510
	19	29	27.638	26.008	2.589	25.179	23.909	2.765	23.837	23.484	3.212	22.563	16.765	3.508
Med	17.2	24.4	27.688	24.393	2.572	24.464	22.527	2.754	23.159	22.282	3.203	21.921	15.907	3.455
	19	27	28.685	27.758	2.577	26.126	25.551	2.773	24.737	25.149	3.241	23.413	17.952	3.518
	19	29	28.793	27.089	2.599	26.226	25.165	2.781	24.826	24.715	3.238	23.500	17.643	3.534
High	17.2	24.4	27.979	25.676	2.583	25.594	23.712	2.770	24.380	23.454	3.226	23.078	16.743	3.482
	19	27	29.882	29.220	2.594	27.331	26.896	2.789	26.137	26.015	3.242	24.738	18.571	3.539
	19	29	29.990	28.816	2.610	27.439	26.493	2.797	26.235	25.570	3.226	24.833	18.254	3.521

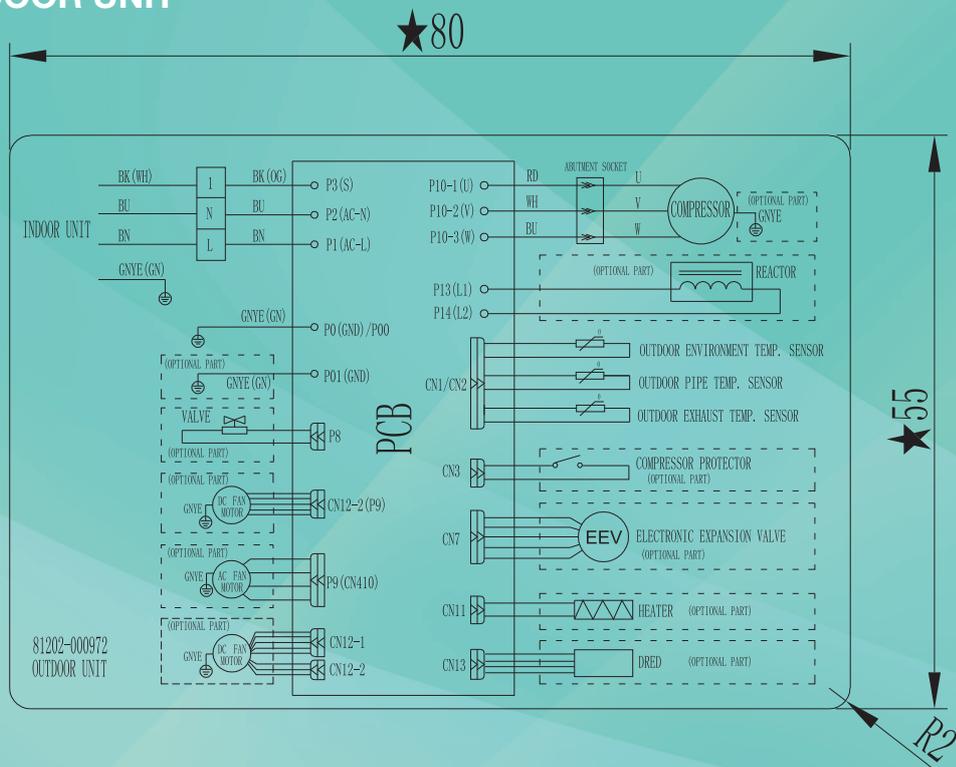
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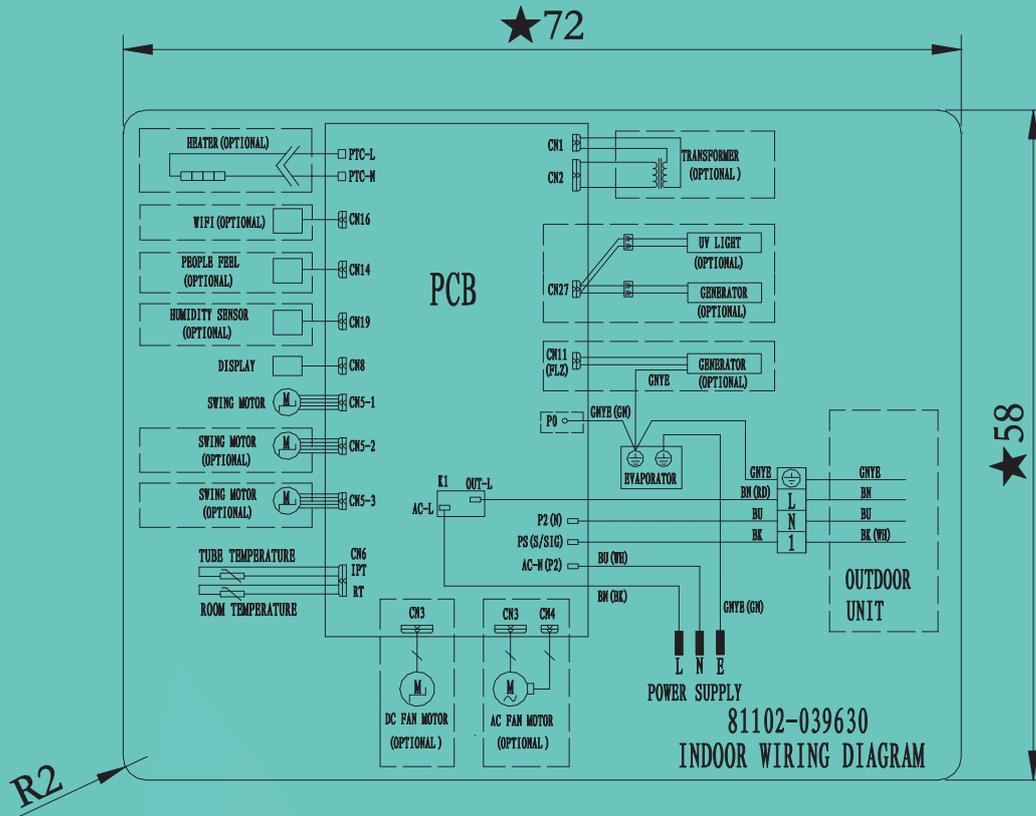
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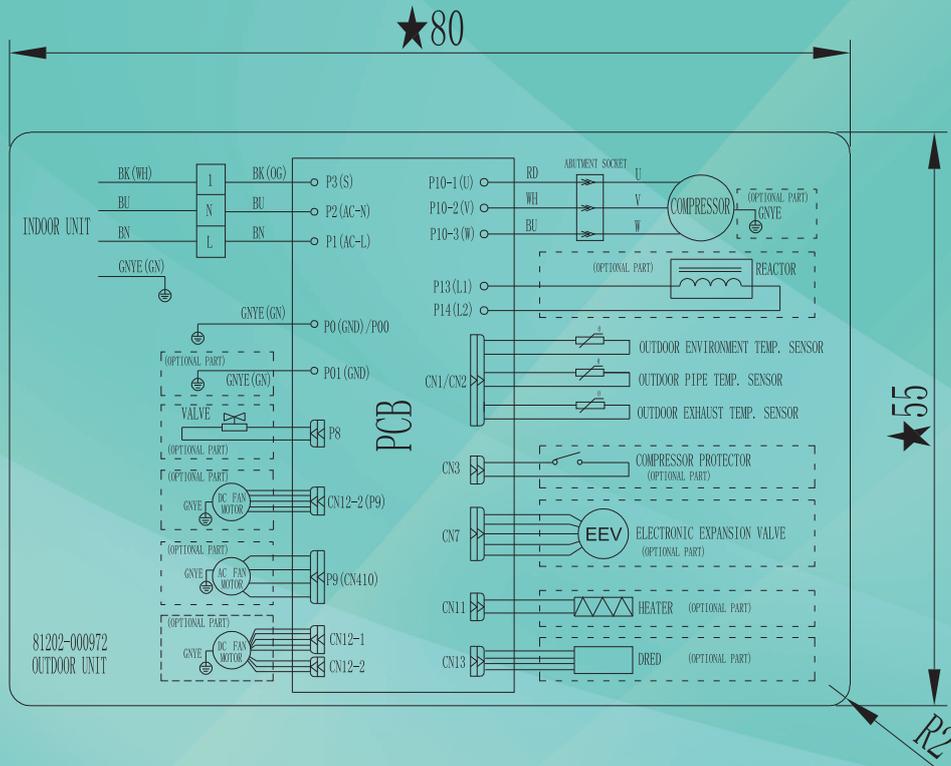
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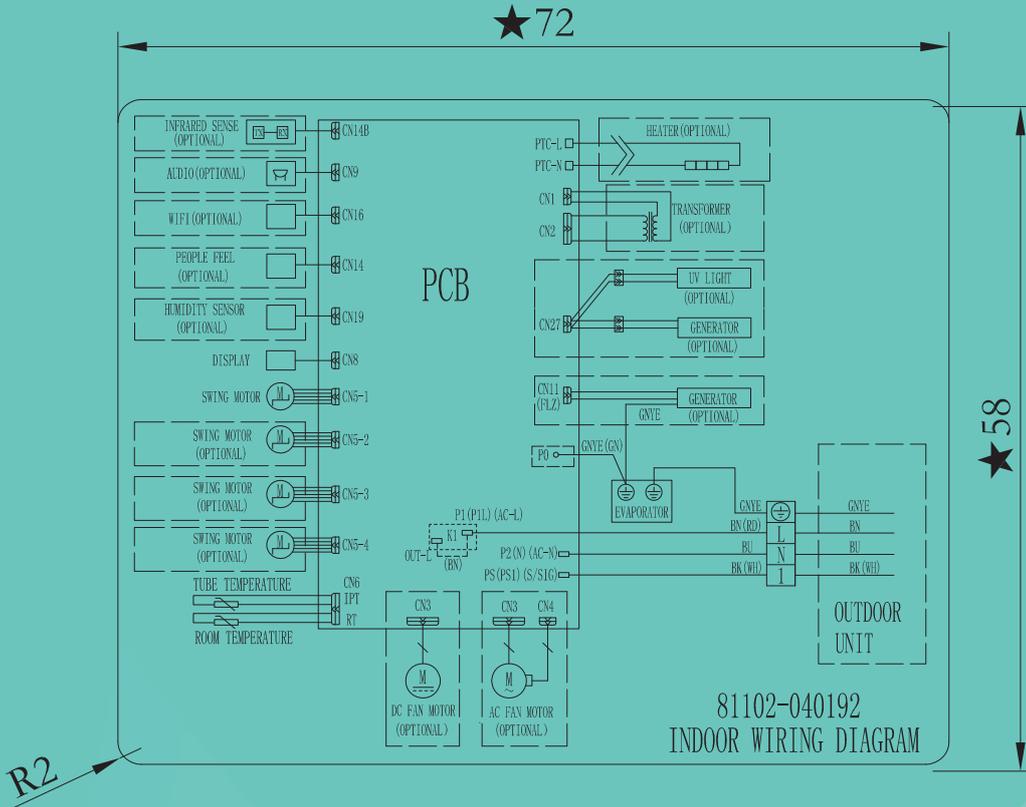
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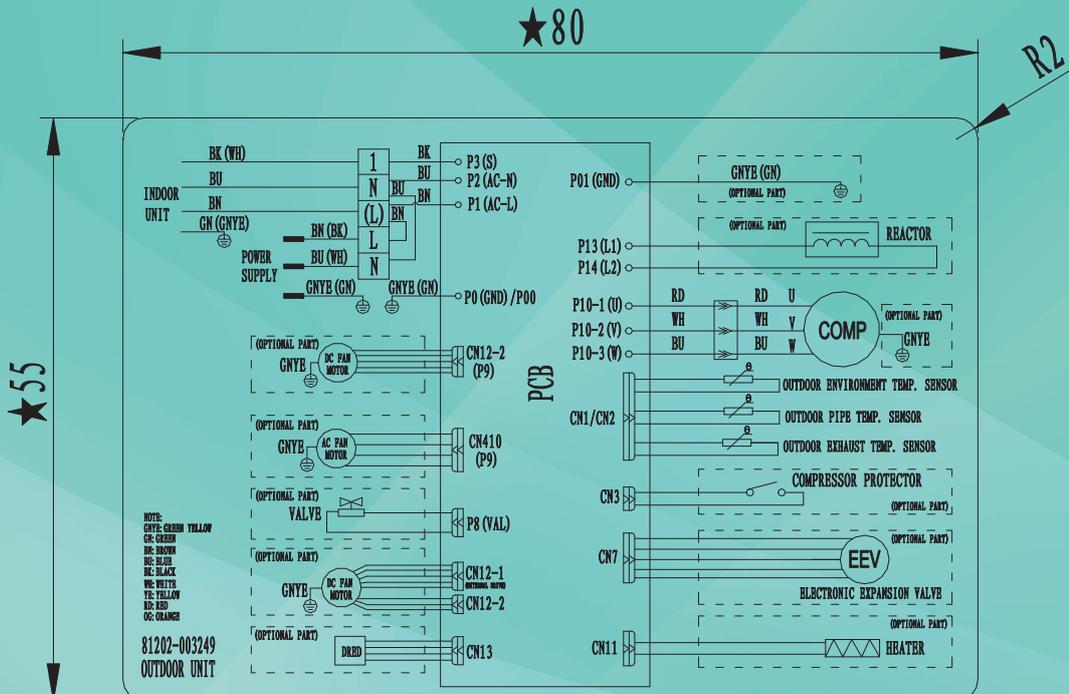
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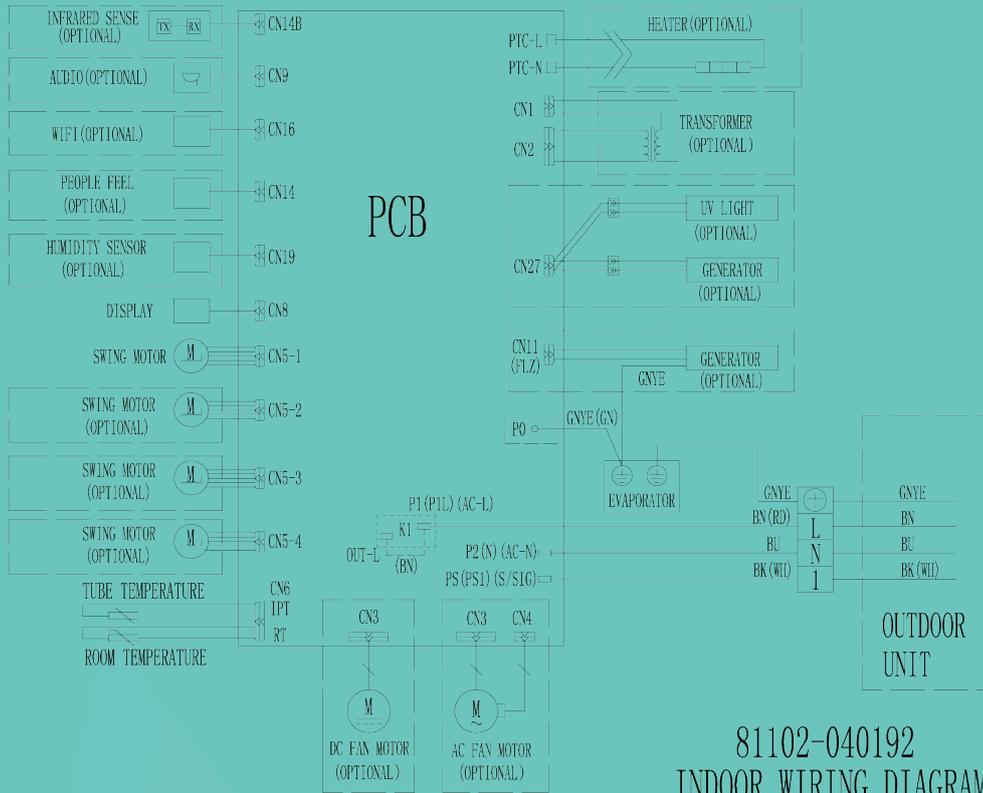
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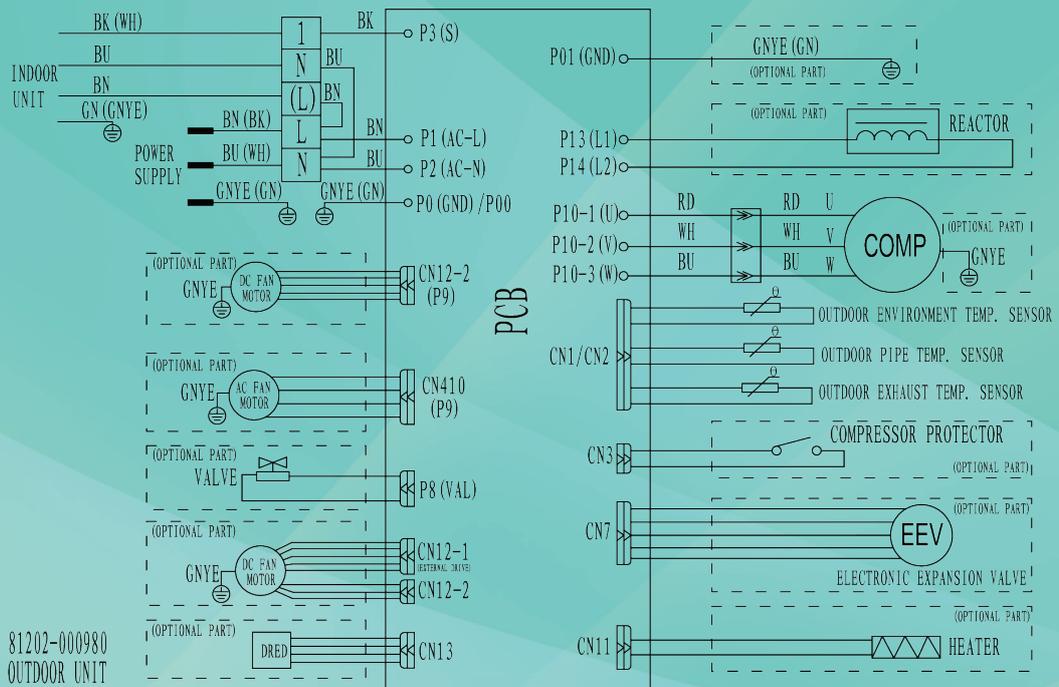
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