



engineered for life™



R32.

Wall Mount Inverter Series

Qatar



In everything we do, we integrate
sustainability.



R32 Wall Mount Inverter Series



2035 goals

30%

GHG REDUCTION

Reduce emissions intensity by 30% throughout the entire lifecycle of Rheem products²



SUSTAINABLE

PACKAGING

Achieve an average of 90% reusable, recyclable, or compostable packaging OR at least 50% recycled content in product packaging³



10%

WASTE REDUCTION

Reduce global waste intensity (ton/unit) by 10%⁵



ZERO

WASTE TO LANDFILL

Maintain zero waste to landfill (ZWTL) at all factories and on-board new acquisitions⁴



1M+

TRAININGS

Complete 1 million trainings for plumbers, contractors, and key influencers globally on sustainable products, refrigerant management and / or sustainable best practices



Working Toward A Greater Degree™

Building upon the strong foundation set in 2019, our next generation of sustainability takes the familiarity of the original framework and simplifies it into Products, Process and People. These pillars provide a north star, helping us focus on innovating products with higher efficiency, manufacturing them in a process that reduces our direct use of resources, and supporting the people that recommend and install in homes and business around the globe.

1. Rheem's goal is to reduce greenhouse gas emissions by 30% by 2035 from a 2023 baseline. This metric will be based on intensity emissions normalized by revenue and includes Scopes 1-3 as defined by the Greenhouse Gas Protocol. At this time, these figures have not been independently verified by a third party.
2. Rheem measures reusable, recyclable, compostable, and recycled content in line with ISO and FTC standards. At this time, these figures have not been independently verified by a third party.
3. A Rheem plant is considered to have reached Zero Waste to Landfill when it achieves a rate of at least 90% diversion of nonhazardous solid waste away from landfill, waste-to-energy (WTE), and incineration, in line with the Zero Waste International Alliance standards and TRUE Zero Waste standards. At this time, these figures have not been independently verified by a third party.
4. Rheem measures waste intensity as a ratio of total weight of non-hazardous waste generated across all manufacturing facilities to total units produced from a 2023 baseline. At this time, these figures have not been independently verified by a third party.



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R32

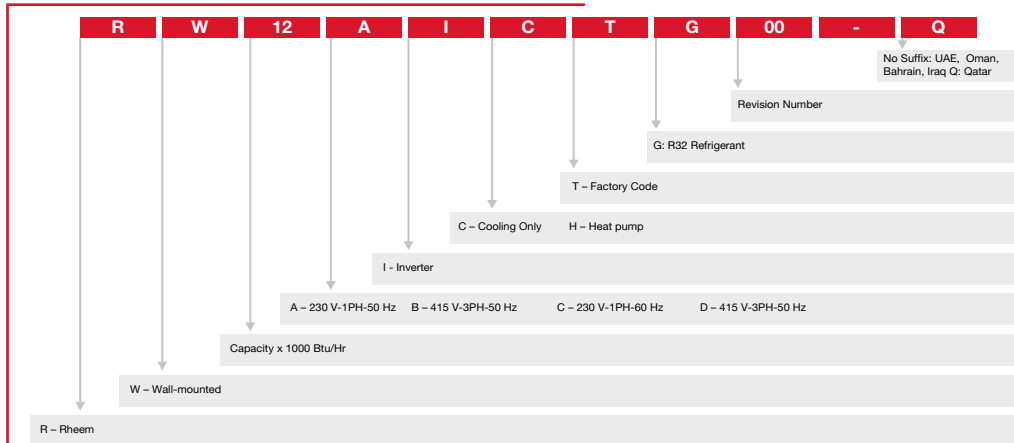


Smart Cooling Powered by R32

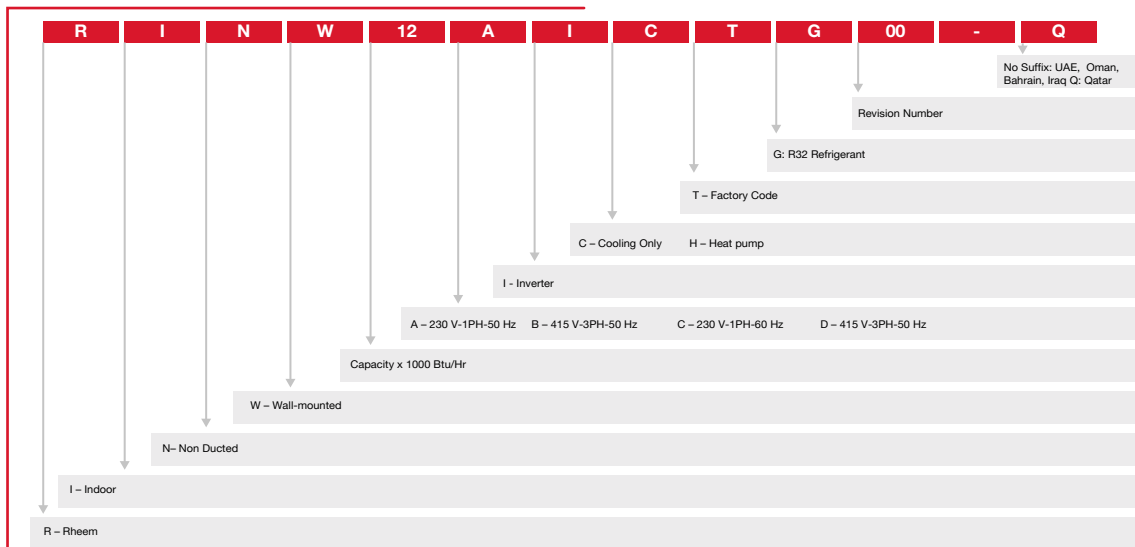
This air conditioner uses R32 refrigerant, a modern cooling gas that's more efficient and kinder to the environment. R32 helps your home cool faster while using less energy, and it produces fewer emissions than older refrigerants. It's an important step toward cleaner, more sustainable comfort for you and your family.

Nomenclature.

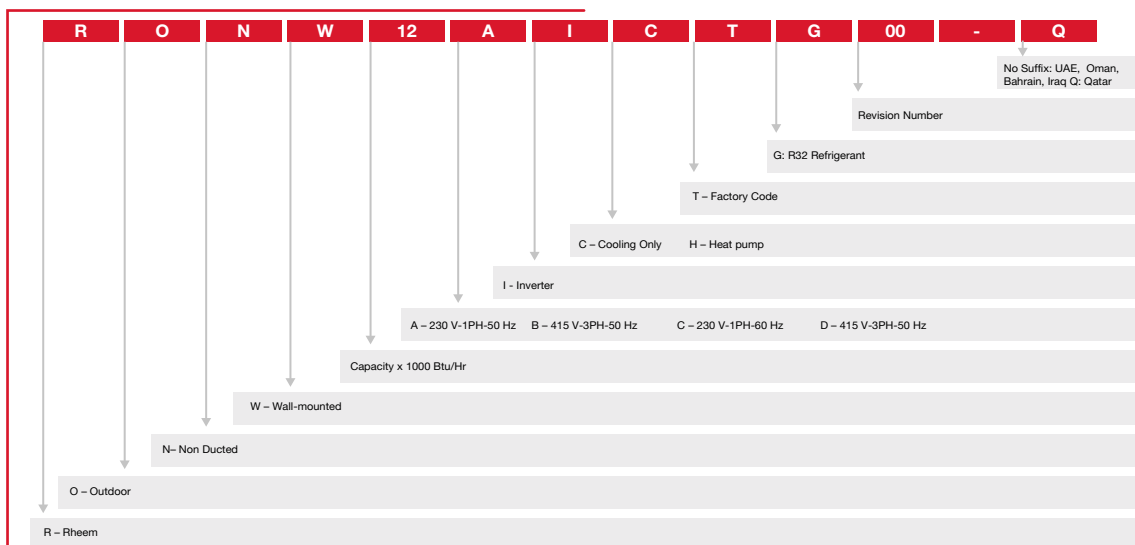
System Model Name



Indoor Model Name



Outdoor Model Name



Split Air-Conditioner Panels.



RW12AICTG00-Q

RW18AICTG00-Q

RW24AICTG00-Q

RW30AICTG00-Q

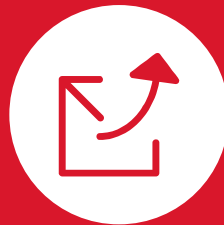


RW36AICTG00-Q

Features



Dual Drainage



Louver Position Memory



Self-diagnosis



Low Noise



Rust Proof



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Features.



**High Efficiency DC
Inverter T3 Compressor**



**High Ambient
Operation Up to 60°C**



**Less Refrigerant
Charge Requirement**



**Auto
Dust Removal**

Rapid Cooling.



Cool Wind Blowing Out



18°C



30s

In Cooling Mode

Outlet Temperature Decreased Rapidly in 30"



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Automatic Self Cleaning.

The indoor unit cleans itself automatically by frosting, fan defrosting, and fan drying ensuring cleaner air and healthier breathing environment.



Fan Defrosting



Frosting



Cleaned Evaporator



Fan Drying

Unique Air-Cooled Technology.

Because of the negative pressure generated by the outdoor fan, the outdoor cooler air is flown through the PCB box via compressor cavity in order to cool down the electric parts of the outdoor unit allowing the unit to operate at ambient conditions up to 60C.

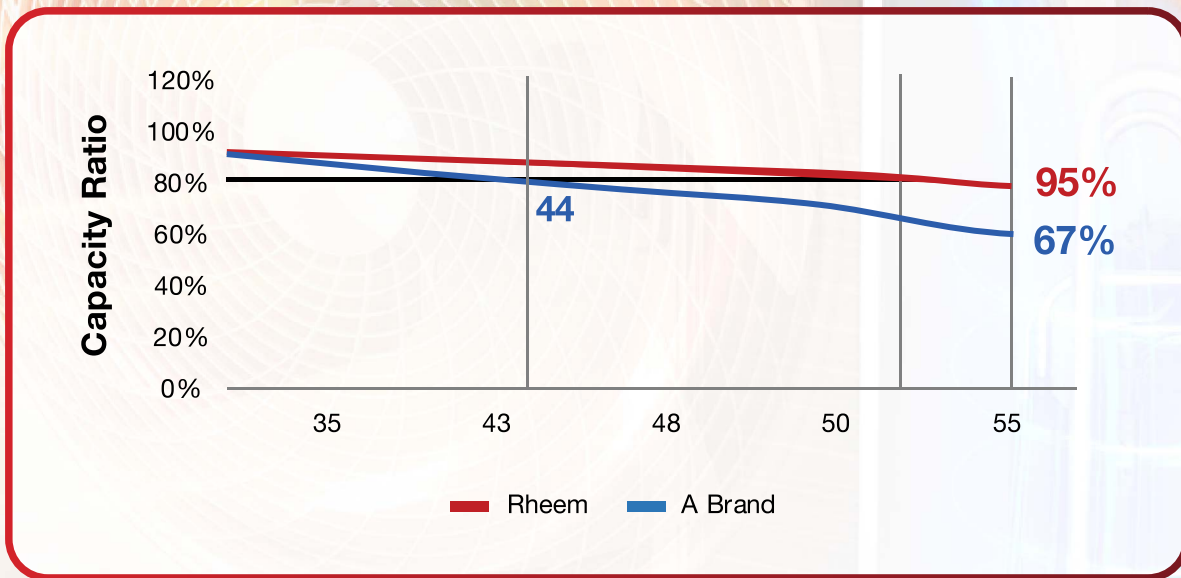


52°C
Strong Cooling



60°C
Nonstop Cooling

Capacity Comparison in High Ambient Temperature



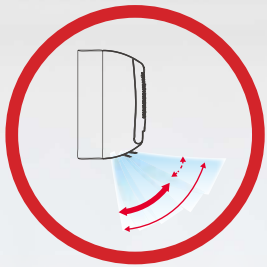
- Rheem model can keep full cooling capacity as rated in **52°C** , but A brand just in **44°C**
- In 55°C ambient, Rheem model can keep **95%** rated cooling capacity, but A brand just **67%**

(*Reference 18K model)



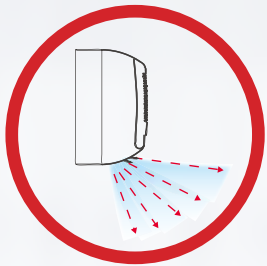
Vector Precision Air Supply

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



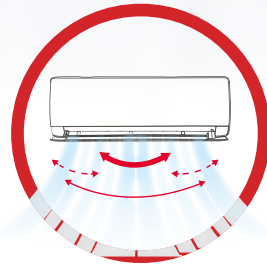
3 Swing Types (Vertical)

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



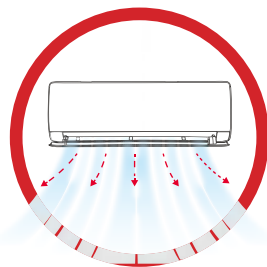
5 Blow Types (Vertical)

- - - 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

Energy Saving Experience.

Full DC Inverter System

A DC inverter air-conditioner varies the compressor's rotation speed to precisely maintain the set temperature.



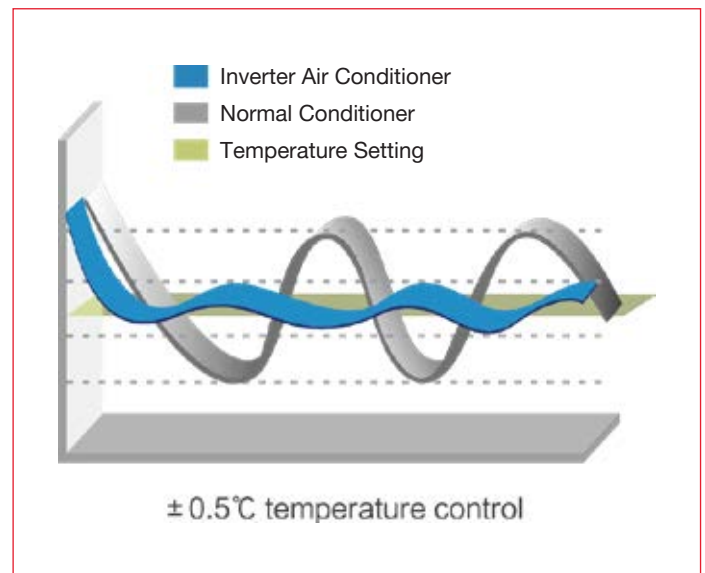
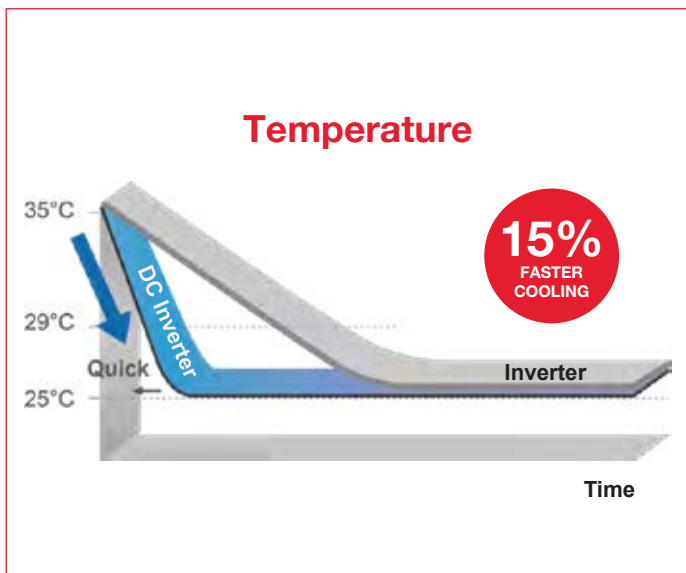
Fast Cooling

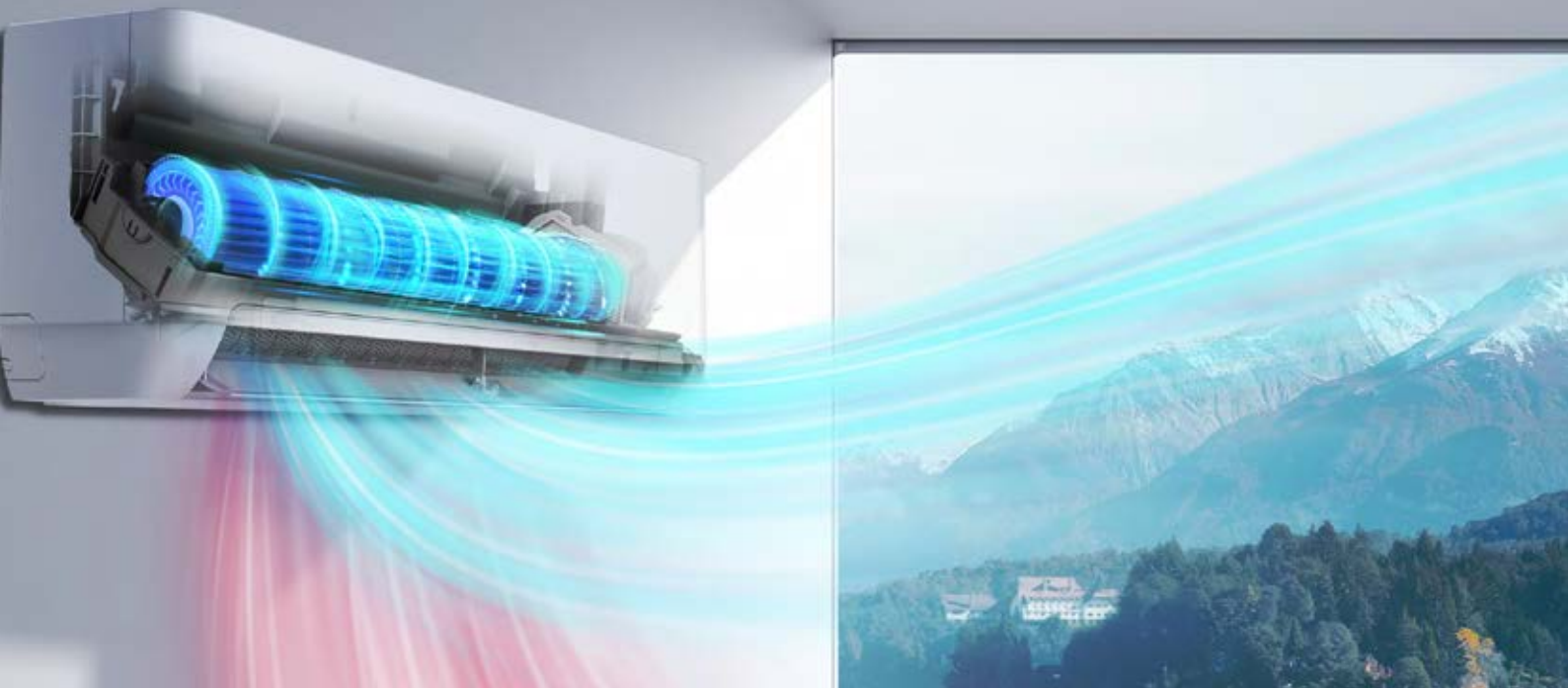
DC inverter air-conditioner enables the compressor to achieve maximum frequency in the shortest time from start up. It cools down 15% faster than conventional non-inverter



Precise Cooling

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





Other Features.



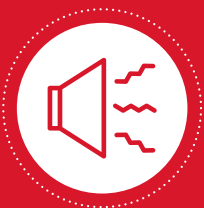
Smart Air Flow

In cooling mode, the cool air blows towards the ceiling to provide a shower-style cooling experience. In heating mode, the warm air is blowing towards the floor to provide a blanket-style heating experience.



WiFi Connectivity (Optional)

Enjoy effortless comfort with built-in Wi-Fi connectivity that lets you control your mini split air conditioner anytime, anywhere from your smartphone.



Low Noise Cooling

No more annoying sound from sudden speed changes and turning on/off of an air conditioner. Rheem's DC inverter unit ensures low noise operation at different conditions.



Better Safety Design

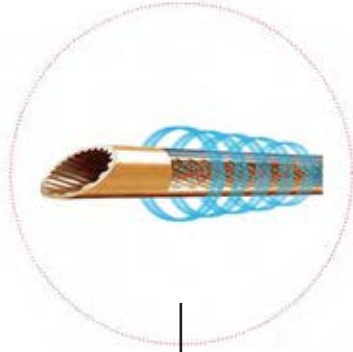
No connection between condensate water and electricity. BMC fireproof electric control box is applied, which creates high heat resistance & erosion resistance.

Condensing Unit Features.

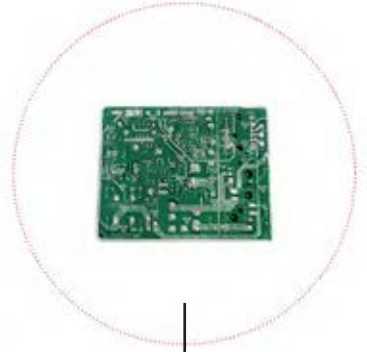
Strong resistant metal plates of rust & corrosion, maintaining its excellent performance in difficult climate such as humid, coastal, etc.



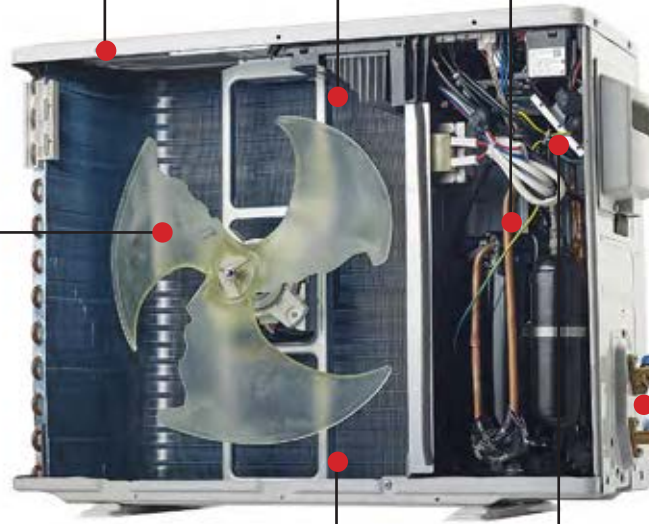
Inner **grooved cooper pipe** of more efficient heat exchanging.



Coated PCB with strong anti-corrosion, anti-oxidation & anti-rust.



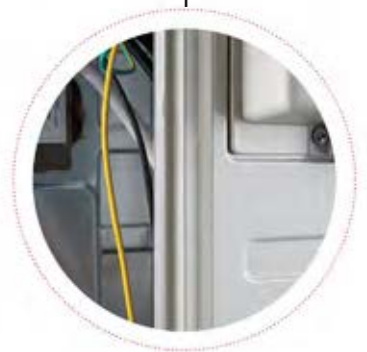
Bionic propeller fan with lower operation noise and higher air volume.



Tougher **valve protection** can provide better protection for the connection valves.



Excellent **hydrophilia coated fins** with less accumulation of dust, bacteria, etc.

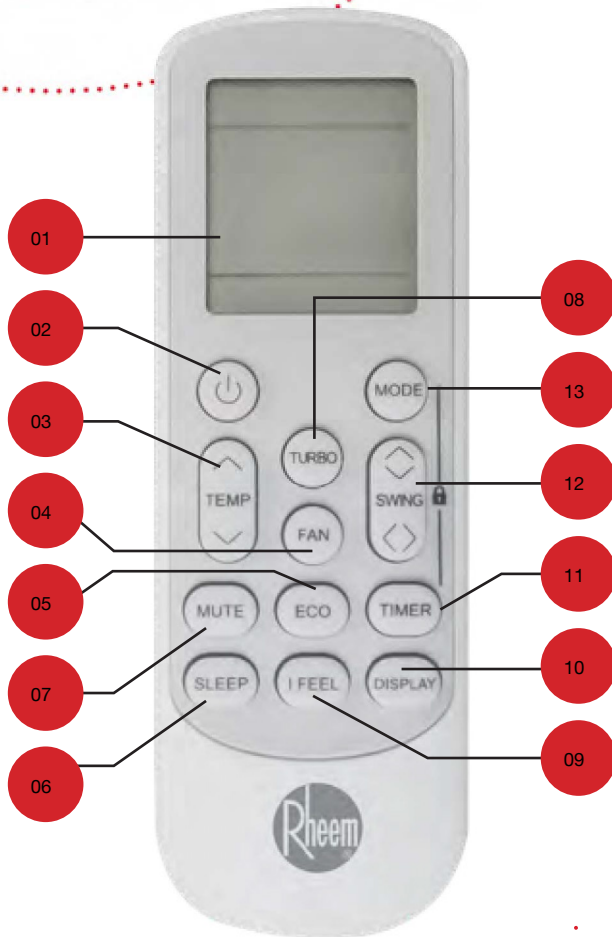


Flanging processed plate **metal – protecting wiring** from damage of sharp edge.





Remote Controller Features.



01	LED Display Screen
02	ON/OFF
03	Temperature Setting
04	Fan Speed 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)

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.

Features Summary.

Range	12K	18K	24K	30K	36K
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	Golden
Condenser Fins	Golden	Golden	Golden	Golden	Golden
Max Piping Capability Total (Meter)	25	30	30	30	30
Max Piping Capability Vertical (Meter)	15	20	20	20	20

● Standard ○ Optional - N/A



R32 Cool Only Inverter Specifications

Capacity Class			12K	18K	24K	30K	36K
Type			Cooling Only	Cooling Only	Cooling Only	Cooling Only	Cooling Only
			Inverter with R32	Inverter with R32	Inverter with R32	Inverter with R32	Inverter with R32
System Model Number			RW12AICTG00-Q	RW18AICTG00-Q	RW24AICTG00-Q	RW30AICTG00-Q	RW36AICTG00-Q
Indoor Model Name			RINW12AICTG00-Q	RINW18AICTG00-Q	RINW24AICTG00-Q	RINW30AICTG00-Q	RINW36AICTG00-Q
Outdoor Model Name			RONW12AICTG00-Q	RONW18AICTG00-Q	RONW24AICTG00-Q	RONW30AICTG00-Q	RONW36AICTG00-Q
Rated cooling capacity(T1)	Btu/h		12100(2559~15354)	18100(4436~20131)	22100(3412~26272)	28200(5800~34120)	33000(5800~37532)
Rated cooling capacity(T1)	W		3540(750~4500)	5310(1300~5900)	6480(1000~7700)	8250(1700~10000)	9650(1700~11000)
Rated cooling capacity(T3)	Btu/h		11500(2559~12624)	16800(5118~18766)	20500(5118~23202)	24600(5800~30708)	30000(5800~32073)
Rated cooling capacity(T3)	W		3360(750~3700)	4920(1500~5500)	6000(1500~6800)	7200(1700~9000)	8800(1700~9400)
EER for cooling(T1)	Btu/h~W;		12.20	11.95	12.35	11.85	12.15
EER for cooling(T1)	W/W		3.58	3.50	3.62	3.47	3.56
EER for cooling(T3)	Btu/h~W;		9.05	8.85	8.95	9.3	9.05
EER for cooling(T3)	W/W		2.65	2.59	2.62	2.73	2.65
Moisture removal	Liters/h		1.2	1.8	2.2	2.8	3.3
Pressure	High(DP)	MPa	4.5	4.5	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9	1.9	1.9
Indoor noise level at cooling	Super	dB(A)	46.0	49.0	50.0	55.0	55.0
	High	dB(A)	43.0	46.0	48.0	53.0	53.0
	Med.	dB(A)	37.0	41.0	42.0	47.0	47.0
	Low	dB(A)	32.0	36.0	37.0	42.0	38.0
	Quite	dB(A)	28.0	32.0	32.0	40.0	35.0
Outdoor noise level		dB(A)	53.0	56.0	59.0	61.0	60.0
Power supply			220-240V~1 Phase/50/60Hz	220-240V~1 Phase/50/60Hz	220-240V~1 Phase/50/60Hz	220-240V~1 Phase/50/60Hz	220-240V~1 Phase/50/60Hz
Voltage Range	V		198~264	198~264	198~264	198~264	198~264
Current	Cooling(T1)	A	6.3(1.1~9.0)	6.9(1.2~12.0)	8.0(1.5~15.0)	10.6(2.0~18.0)	12.0(2.0~19.0)
	Cooling(T3)	A	8.0(1.1~9.0)	8.6(1.2~12.0)	10.3(1.5~15.0)	11.9(2.0~18.0)	14.7(2.0~19.0)
Power input	Cooling(T1)	W	991	1513	1788	2375	2715
	Cooling(T3)	W	1270	1903	2296	2649	3317
Refrigerant	kg		R32/0.49	R32/0.72	R32/0.82	R32/0.97	R32/1.07
Compressor	Compressor		Inverter	Inverter	Inverter	Inverter	Inverter
Expansion device			Capillary tube	Capillary tube	Capillary tube	EEV	EEV
Indoor airflow	m3/h		740/680/590/540/450/420/390	1000/940/860/780/720/660/550	1500/1410/1290/1180/1080/1000/820	1700/1600/1470/1330/1230/1130/930	1900/1750/1650/1540/1430/1320/1160
Connecting Pipe	Gas	Inches	Φ9(3/8")	Φ9(3/8")	Φ12(1/2")	Φ15.88(5/8")	Φ15.88(5/8")
	Liquid	Inches	Φ6(1/4")	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	4x0.75
Drainage Pipe			O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm
Net dimensions (W x D x H)	Indoor	mm	910x206x294	1010x220x315	1010x220x315	1191x258x360	1400x280x370
	Outdoor	mm	795x305x549	853x349x602	920x380x699	920x380x699	967x421x803
Net weight	Indoor	kg	9	11	11.5	16	21
	Outdoor	kg	22	29.5	37.5	39	43.5
Packaging dimensions (W x D x H)	Indoor	mm	979x277x372	1096x297x390	1096x297x390	1260x328x430	1495x385x465
	Outdoor (WOP)	mm	835x328x575	890x385x628	960x430x732	960x430x732	1022x480x835
	Outdoor (WP)	mm	835x340x585	890x385x628	960x430x732	960x430x732	1022x480x835
Gross weight	Indoor	kg	11.5	13.5	14.0	20.0	26.5
	Outdoor (WOP)	kg	24.0	32.5	41.5	43.0	48.5
	Outdoor (WP)	kg	25.0	33.5	42.5	44.5	50.5
Stuffing qty	40'HQ (WOP)	sets	250	195	150	126	82
	40'HQ (WP)	sets	245	195	150	126	82

Performance Tables (R32 Cool Only Inverter)

RW12AICTG00-Q

Indoor Temperature						Outdoor Temperature								
AFR (CFM)	EWB (°C)	EDB (°C)	35°			40°			46°			52°		
			TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
250	16	22	3.118	2.654	0.981	2.998	2.496	1.049	2.901	2.579	1.221	2.680	1.872	1.291
	17.2	22	3.142	2.631	0.984	3.033	2.529	1.052	2.922	2.623	1.224	2.693	1.886	1.292
	16	24.4	3.151	2.702	0.983	3.045	2.569	1.051	2.947	2.645	1.225	2.720	1.944	1.293
	17.2	24.4	3.162	2.715	0.984	3.100	2.645	1.060	2.980	2.689	1.234	2.800	1.986	1.294
	22	24.4	3.301	2.996	0.986	3.211	2.765	1.060	3.052	2.831	1.235	2.852	2.064	1.295
	16	27	3.356	3.034	0.987	3.269	2.934	1.061	3.129	2.890	1.236	2.875	2.124	1.295
	19	27	3.377	3.090	0.988	3.312	2.999	1.061	3.184	3.003	1.236	2.991	2.246	1.296
	22	27	3.383	3.094	0.990	3.317	2.997	1.062	3.188	3.006	1.240	2.997	2.253	1.297
	16	29	3.383	3.020	0.991	3.319	2.931	1.063	3.191	2.993	1.239	3.000	2.186	1.297
	19	29	3.389	3.048	0.992	3.324	2.954	1.063	3.195	3.011	1.236	3.002	2.204	1.297
	22	29	3.393	3.051	0.993	3.337	2.964	1.064	3.231	3.032	1.237	3.024	2.205	1.298
	16	22	3.349	2.797	0.996	3.279	2.858	1.067	3.178	2.996	1.114	2.974	2.018	1.305
310	17.2	22	3.360	2.815	0.996	3.290	2.878	1.067	3.192	3.012	1.117	2.984	2.028	1.306
	16	24.4	3.371	2.832	0.997	3.308	2.898	1.067	3.206	3.039	1.120	2.997	2.042	1.306
	17.2	24.4	3.384	2.852	0.997	3.319	2.921	1.068	3.215	3.064	1.120	3.009	2.055	1.307
	22	24.4	3.397	2.869	0.998	3.333	2.931	1.068	3.224	3.092	1.121	3.024	2.064	1.309
	16	27	3.408	2.845	0.998	3.341	2.957	1.068	3.234	3.039	1.127	3.040	2.076	1.310
	19	27	3.417	2.858	0.999	3.359	2.983	1.069	3.257	3.064	1.243	3.082	2.091	1.311
	22	27	3.451	2.880	0.999	3.391	3.001	1.070	3.287	3.092	1.244	3.086	2.167	1.312
	16	29	3.499	3.092	1.000	3.416	3.064	1.071	3.302	3.125	1.244	3.096	2.215	1.312
	19	29	3.510	3.253	1.000	3.449	3.157	1.070	3.315	3.183	1.245	3.114	2.360	1.314
	22	29	3.528	3.263	1.001	3.456	3.160	1.072	3.322	3.201	1.246	3.121	2.356	1.319
	16	22	3.397	2.962	1.004	3.348	2.884	1.079	3.241	3.092	1.252	3.080	2.148	1.328
	17.2	22	3.411	2.972	1.004	3.362	2.894	1.080	3.259	3.112	1.253	3.096	2.162	1.329
400	16	24.4	3.430	2.982	1.005	3.380	2.908	1.080	3.273	3.135	1.254	3.119	2.174	1.331
	17.2	24.4	3.467	3.009	1.006	3.396	2.929	1.081	3.289	3.147	1.253	3.144	2.201	1.330
	22	24.4	3.526	3.287	1.007	3.456	3.160	1.082	3.332	3.141	1.255	3.163	2.339	1.338
	16	27	3.594	3.352	1.007	3.510	3.220	1.084	3.371	3.155	1.255	3.190	2.324	1.340
	19	27	3.664	3.424	1.008	3.608	3.323	1.084	3.504	3.307	1.256	3.292	2.441	1.341
	22	27	3.673	3.433	1.011	3.616	3.330	1.086	3.510	3.316	1.259	3.297	2.445	1.342
	16	29	3.675	3.373	1.011	3.619	3.328	1.086	3.513	3.320	1.258	3.299	2.448	1.343
	19	29	3.677	3.377	1.010	3.622	3.328	1.087	3.517	3.409	1.250	3.304	2.399	1.334
	22	29	3.697	3.394	1.013	3.640	3.344	1.090	3.532	3.423	1.255	3.318	2.409	1.339

RW18AICTG00-Q

Indoor Temperature						Outdoor Temperature								
AFR (CFM)	EWB (°C)	EDB (°C)	35°			40°			46°			52°		
			TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
390	16	22	4.639	3.973	1.507	4.460	3.737	1.611	4.231	3.701	1.897	3.908	2.686	2.005
	17.2	22	4.675	3.939	1.512	4.512	3.787	1.616	4.262	3.763	1.901	3.927	2.706	2.007
	16	24.4	4.688	4.045	1.509	4.530	3.846	1.614	4.297	3.796	1.903	3.966	2.789	2.009
	17.2	24.4	4.704	4.066	1.511	4.612	3.960	1.627	4.346	3.859	1.918	4.084	2.849	2.010
	22	24.4	4.911	4.486	1.515	4.777	4.140	1.628	4.451	4.062	1.919	4.159	2.961	2.011
	16	27	4.993	4.543	1.515	4.863	4.393	1.629	4.563	4.147	1.920	4.193	3.047	2.012
	19	27	5.024	4.626	1.517	4.927	4.491	1.630	4.643	4.310	1.920	4.362	3.222	2.013
	22	27	5.032	4.632	1.520	4.934	4.488	1.631	4.650	4.313	1.926	4.371	3.233	2.014
	16	29	5.038	4.522	1.522	4.938	4.389	1.633	4.653	4.294	1.924	4.376	3.137	2.015
	19	29	5.042	4.563	1.523	4.945	4.423	1.633	4.660	4.321	1.921	4.378	3.163	2.016
	22	29	5.048	4.568	1.525	4.965	4.438	1.634	4.711	4.351	1.922	4.409	3.164	2.017
	16	22	4.982	4.189	1.529	4.879	4.279	1.638	4.635	4.299	1.731	4.437	2.896	2.027
460	17.2	22	4.999	4.214	1.530	4.895	4.309	1.639	4.655	4.323	1.735	4.352	2.910	2.028
	16	24.4	5.015	4.240	1.531	4.922	4.339	1.639	4.675	4.361	1.739	4.371	2.930	2.029
	17.2	24.4	5.034	4.270	1.531	4.938	4.374	1.639	4.689	4.396	1.740	4.389	2.949	2.030
	22	24.4	5.053	4.296	1.533	4.959	4.389	1.640	4.701	4.437	1.741	4.409	2.961	2.034
	16	27	5.069	4.261	1.533	4.970	4.428	1.640	4.716	4.361	1.751	4.433	2.978	2.036
	19	27	5.084	4.280	1.534	4.997	4.466	1.641	4.750	4.396	1.931	4.495	3.001	2.037
	22	27	5.135	4.312	1.535	5.045	4.493	1.643	4.793	4.437	1.932	4.500	3.109	2.038
	16	29	5.206	4.630	1.536	5.083	4.588	1.644	4.816	4.484	1.933	4.515	3.178	2.038
	19	29	5.222	4.870	1.536	5.131	4.727	1.643	4.835	4.568	1.935	4.542	3.386	2.042
	22	29	5.249	4.886	1.537	5.142	4.732	1.646	4.844	4.593	1.936	4.552	3.381	2.049
	16	22	5.053	4.435	1.542	4.981	4.319	1.658	4.727	4.437	1.946	4.491	3.082	2.063
	17.2	22	5.075	4.450	1.542	5.002	4.334	1.659	4.752	4.465	1.946	4.515	3.102	2.065
550	16	24.4	5.102	4.466	1.544	5.029	4.354	1.659	4.773	4.498	1.948	4.549	3.120	2.067
	17.2	24.4	5.158	4.505	1.545	5.053	4.386	1.660	4.797	4.515	1.946	4.584	3.158	2.067
	22	24.4	5.245	4.922	1.546	5.142	4.732	1.661	4.859	4.508	1.950	4.613	3.356	2.079
	16	27	5.347	5.019	1.547	5.222	4.821	1.664	4.916	4.527	1.949	4.652	3.335	2.082
	19	27	5.451	5.127	1.548	5.367	4.976	1.664	5.110	4.745	1.952	4.801	3.503	2.084
	22	27	5.465	5.140	1.552	5.379	4.986	1.668	5.119	4.759	1.955	4.808	3.509	2.085
	16	29	5.467	5.050	1.552	5.384	4.983	1.668	5.123	4.764	1.954	4.811	3.512	2.086
	19	29	5.471	5.056	1.552	5.388	4.984	1.669	5.129	4.892	1.942	4.819	3.443	2.073
	22	29	5.501	5.081	1.556	5.415	5.007	1.675	5.151	4.913	1.950	4.838	3.457	2.080

Performance Tables (R32 Cool Only Inverter)

RW24AICTG00-Q

Indoor Temperature						Outdoor Temperature								
AFR (CFM)	EWB (°C)	EDB (°C)	35°			40°			46°			52°		
			TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
590	16	22	6.111	5.404	2.021	5.876	5.082	2.161	5.367	4.823	2.406	4.957	3.500	2.543
	17.2	22	6.158	5.357	2.027	5.944	5.151	2.167	5.406	4.904	2.411	4.982	3.527	2.545
	16	24.4	6.176	5.502	2.024	5.968	5.231	2.165	5.451	4.947	2.413	5.031	3.635	2.548
	17.2	24.4	6.197	5.530	2.026	6.075	5.386	2.183	5.513	5.029	2.432	5.180	3.713	2.549
	22	24.4	6.470	6.101	2.031	6.293	5.630	2.183	5.645	5.293	2.433	5.275	3.859	2.551
	16	27	6.578	6.178	2.032	6.406	5.975	2.185	5.788	5.405	2.435	5.318	3.971	2.552
	19	27	6.618	6.292	2.034	6.490	6.108	2.186	5.889	5.616	2.435	5.533	4.199	2.553
	22	27	6.629	6.300	2.039	6.500	6.104	2.188	5.898	5.621	2.443	5.544	4.213	2.555
	16	29	6.637	6.150	2.041	6.505	5.969	2.190	5.903	5.596	2.441	5.550	4.088	2.556
	19	29	6.642	6.207	2.043	6.514	6.015	2.190	5.911	5.631	2.436	5.554	4.121	2.557
	22	29	6.650	6.213	2.045	6.540	6.036	2.192	5.976	5.670	2.438	5.593	4.124	2.558
	16	22	6.563	5.697	2.051	6.427	5.820	2.197	5.879	5.602	2.196	5.502	3.774	2.571
690	17.2	22	6.585	5.732	2.052	6.448	5.860	2.198	5.905	5.633	2.201	5.520	3.792	2.573
	16	24.4	6.607	5.767	2.053	6.484	5.901	2.198	5.931	5.683	2.206	5.544	3.819	2.574
	17.2	24.4	6.632	5.807	2.053	6.505	5.948	2.199	5.948	5.729	2.207	5.567	3.843	2.574
	22	24.4	6.657	5.843	2.055	6.533	5.969	2.200	5.963	5.782	2.208	5.593	3.859	2.579
	16	27	6.678	5.795	2.056	6.547	6.023	2.200	5.983	5.683	2.220	5.624	3.881	2.582
	19	27	6.697	5.821	2.057	6.583	6.074	2.201	6.025	5.729	2.450	5.702	3.910	2.583
	22	27	6.765	5.864	2.058	6.646	6.111	2.203	6.080	5.782	2.450	5.708	4.052	2.584
	16	29	6.858	6.297	2.060	6.696	6.239	2.205	6.109	5.844	2.451	5.727	4.142	2.585
	19	29	6.879	6.624	2.060	6.759	6.429	2.203	6.133	5.953	2.454	5.761	4.413	2.589
	22	29	6.915	6.645	2.062	6.774	6.436	2.208	6.145	5.986	2.456	5.774	4.406	2.599
	16	22	6.657	6.032	2.068	6.562	5.874	2.223	5.995	5.782	2.467	5.697	4.016	2.617
	17.2	22	6.686	6.053	2.068	6.590	5.894	2.224	6.028	5.819	2.468	5.728	4.043	2.618
830	16	24.4	6.721	6.073	2.070	6.625	5.921	2.225	6.054	5.862	2.470	5.770	4.065	2.622
	17.2	24.4	6.796	6.127	2.071	6.657	5.966	2.226	6.085	5.884	2.468	5.815	4.116	2.622
	22	24.4	6.910	6.695	2.074	6.774	6.436	2.228	6.164	5.875	2.473	5.852	4.373	2.637
	16	27	7.045	6.827	2.074	6.880	6.557	2.232	6.235	5.899	2.472	5.901	4.346	2.641
	19	27	7.181	6.973	2.076	7.071	6.767	2.232	6.482	6.184	2.475	6.089	4.565	2.643
	22	27	7.199	6.990	2.081	7.087	6.782	2.237	6.493	6.201	2.480	6.099	4.572	2.644
	16	29	7.203	6.868	2.081	7.093	6.778	2.237	6.498	6.208	2.478	6.103	4.577	2.646
	19	29	7.207	6.877	2.081	7.099	6.778	2.239	6.506	6.375	2.463	6.113	4.487	2.629
	22	29	7.247	6.911	2.087	7.133	6.810	2.246	6.534	6.402	2.473	6.137	4.505	2.639

RW30AICTG00-Q

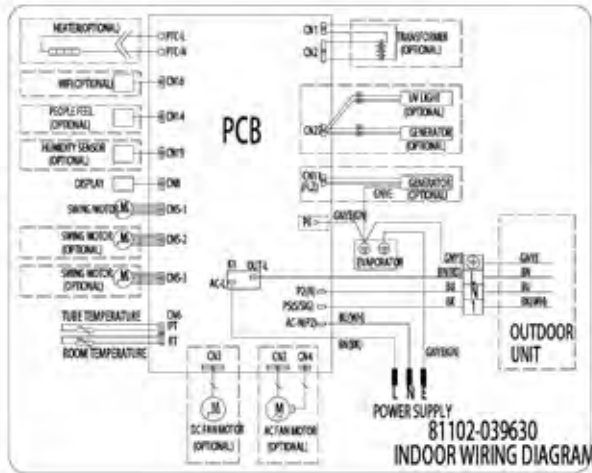
Indoor Temperature						Outdoor Temperature								
AFR (CFM)	EWB (°C)	EDB (°C)	35°			40°			46°			52°		
			TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
660	16	22	7.482	6.498	2.355	7.194	6.111	2.518	6.165	5.315	2.707	5.695	3.857	2.862
	17.2	22	7.540	6.441	2.362	7.277	6.193	2.525	6.211	5.404	2.713	5.723	3.887	2.864
	16	24.4	7.561	6.615	2.359	7.306	6.290	2.523	6.262	5.451	2.715	5.779	4.005	2.867
	17.2	24.4	7.587	6.649	2.361	7.438	6.476	2.543	6.334	5.542	2.736	5.951	4.092	2.868
	22	24.4	7.922	7.336	2.367	7.705	6.770	2.544	6.485	5.833	2.738	6.060	4.252	2.870
	16	27	8.053	7.428	2.368	7.843	7.185	2.546	6.649	5.956	2.739	6.109	4.376	2.871
	19	27	8.103	7.565	2.371	7.946	7.344	2.547	6.765	6.189	2.739	6.356	4.627	2.872
	22	27	8.117	7.575	2.375	7.958	7.339	2.549	6.776	6.194	2.749	6.369	4.643	2.874
	16	29	8.126	7.395	2.378	7.964	7.176	2.552	6.781	6.167	2.746	6.376	4.505	2.875
	19	29	8.132	7.462	2.380	7.975	7.233	2.552	6.791	6.206	2.740	6.380	4.541	2.876
	22	29	8.141	7.470	2.383	8.008	7.258	2.554	6.865	6.249	2.743	6.425	4.544	2.878
	16	22	8.036	6.850	2.390	7.869	6.997	2.560	6.753	6.174	2.470	6.320	4.158	2.893
17.2	22	8.062	6.892	2.391	7.895	7.046	2.561	6.783	6.208	2.476	6.341	4.178	2.894	
780	16	24.4	8.089	6.934	2.392	7.938	7.095	2.561	6.813	6.262	2.482	6.369	4.208	2.896
	17.2	24.4	8.120	6.982	2.392	7.964	7.152	2.562	6.832	6.313	2.483	6.395	4.235	2.896
	22	24.4	8.150	7.026	2.395	7.999	7.176	2.563	6.850	6.371	2.484	6.425	4.252	2.902
	16	27	8.177	6.967	2.395	8.016	7.241	2.564	6.873	6.262	2.498	6.461	4.277	2.905
	19	27	8.199	6.999	2.397	8.060	7.303	2.565	6.922	6.313	2.756	6.550	4.309	2.906
	22	27	8.282	7.051	2.398	8.137	7.347	2.567	6.984	6.371	2.757	6.557	4.465	2.908
	16	29	8.396	7.571	2.401	8.198	7.502	2.570	7.018	6.439	2.758	6.579	4.564	2.908
	19	29	8.422	7.964	2.401	8.275	7.729	2.567	7.045	6.560	2.761	6.619	4.863	2.913
	22	29	8.467	7.990	2.403	8.293	7.738	2.572	7.059	6.596	2.763	6.633	4.856	2.924
	16	22	8.150	7.252	2.409	8.034	7.062	2.591	6.888	6.371	2.776	6.545	4.425	2.944
	17.2	22	8.185	7.277	2.410	8.068	7.087	2.592	6.925	6.412	2.777	6.580	4.455	2.946
	16	24.4	8.229	7.302	2.412	8.111	7.119	2.593	6.955	6.460	2.779	6.629	4.480	2.950
940	17.2	24.4	8.320	7.367	2.414	8.150	7.173	2.594	6.990	6.484	2.777	6.680	4.535	2.949
	22	24.4	8.460	8.049	2.417	8.293	7.738	2.596	7.081	6.474	2.782	6.723	4.819	2.967
	16	27	8.625	8.208	2.417	8.423	7.884	2.600	7.163	6.501	2.781	6.779	4.789	2.971
	19	27	8.792	8.384	2.419	8.657	8.136	2.601	7.446	6.814	2.785	6.996	5.031	2.973
	22	27	8.814	8.405	2.425	8.677	8.154	2.607	7.459	6.833	2.790	7.006	5.038	2.975
	16	29	8.818	8.258	2.425	8.684	8.149	2.606	7.465	6.841	2.788	7.011	5.044	2.977
	19	29	8.824	8.268	2.425	8.691	8.150	2.609	7.474	7.025	2.771	7.022	4.945	2.958
	22	29	8.872	8.310	2.432	8.734	8.188	2.617	7.506	7.055	2.782	7.050	4.964	2.969

Performance Tables (R32 Cool Only Inverter)

RW36AICTG00-Q

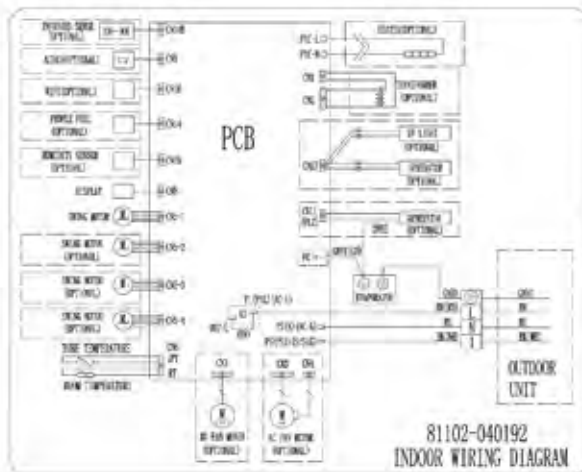
Indoor Temperature			Outdoor Temperature											
AFR (CFM)	EWB (°C)	EDB (°C)	35°			40°			46°			52°		
			TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
770	16	22	8.979	7.770	2.826	8.633	7.307	3.021	7.737	6.733	3.469	7.147	4.886	3.667
	17.2	22	9.048	7.703	2.835	8.733	7.406	3.031	7.793	6.846	3.477	7.182	4.923	3.670
	16	24.4	9.074	7.911	2.830	8.768	7.521	3.028	7.858	6.906	3.480	7.252	5.074	3.673
	17.2	24.4	9.104	7.951	2.833	8.926	7.744	3.052	7.948	7.021	3.507	7.468	5.183	3.676
	22	24.4	9.506	8.773	2.840	9.246	8.095	3.053	8.138	7.389	3.508	7.605	5.387	3.678
	16	27	9.665	8.883	2.842	9.412	8.592	3.056	8.344	7.544	3.510	7.667	5.543	3.679
	19	27	9.724	9.047	2.845	9.536	8.782	3.057	8.490	7.840	3.510	7.976	5.862	3.681
	22	27	9.741	9.058	2.851	9.550	8.776	3.060	8.503	7.847	3.522	7.993	5.882	3.683
	16	29	9.751	8.843	2.854	9.558	8.582	3.062	8.509	7.812	3.519	8.001	5.706	3.685
	19	29	9.759	8.924	2.857	9.571	8.649	3.062	8.522	7.861	3.512	8.007	5.753	3.686
	22	29	9.770	8.933	2.859	9.610	8.679	3.065	8.615	7.916	3.515	8.063	5.756	3.688
	900	16	22	9.644	8.191	2.868	9.443	8.368	3.073	8.475	7.821	3.166	7.931	5.268
17.2		22	9.675	8.241	2.869	9.475	8.426	3.073	8.512	7.864	3.173	7.957	5.293	3.709
16		24.4	9.707	8.292	2.870	9.527	8.485	3.074	8.550	7.933	3.181	7.993	5.330	3.711
17.2		24.4	9.745	8.350	2.871	9.558	8.553	3.075	8.574	7.998	3.182	8.025	5.365	3.712
22		24.4	9.781	8.402	2.874	9.599	8.582	3.076	8.596	8.071	3.183	8.063	5.387	3.719
16		27	9.812	8.332	2.875	9.620	8.660	3.076	8.624	7.933	3.201	8.107	5.418	3.723
19		27	9.840	8.370	2.877	9.672	8.733	3.078	8.686	7.998	3.532	8.219	5.459	3.724
22		27	9.939	8.432	2.878	9.765	8.786	3.080	8.764	8.071	3.533	8.229	5.656	3.726
16		29	10.076	9.053	2.881	9.838	8.971	3.084	8.807	8.157	3.534	8.256	5.781	3.727
19		29	10.107	9.524	2.881	9.931	9.243	3.081	8.841	8.310	3.538	8.305	6.160	3.733
22		29	10.161	9.555	2.883	9.952	9.253	3.087	8.858	8.356	3.540	8.323	6.151	3.747
1030		16	22	9.781	8.672	2.891	9.641	8.446	3.109	8.643	8.071	3.557	8.213	5.606
	17.2	22	9.823	8.703	2.892	9.682	8.475	3.110	8.690	8.123	3.559	8.257	5.644	3.775
	16	24.4	9.876	8.733	2.895	9.734	8.514	3.111	8.727	8.183	3.562	8.319	5.675	3.780
	17.2	24.4	9.985	8.810	2.897	9.781	8.578	3.112	8.772	8.214	3.559	8.383	5.745	3.780
	22	24.4	10.152	9.626	2.900	9.952	9.253	3.115	8.886	8.200	3.565	8.436	6.105	3.802
	16	27	10.351	9.815	2.900	10.108	9.428	3.120	8.989	8.235	3.564	8.506	6.067	3.807
	19	27	10.551	10.026	2.903	10.389	9.730	3.121	9.344	8.632	3.569	8.779	6.373	3.810
	22	27	10.577	10.051	2.910	10.413	9.751	3.128	9.361	8.656	3.575	8.792	6.382	3.812
	16	29	10.583	9.876	2.910	10.421	9.745	3.128	9.367	8.666	3.573	8.798	6.389	3.815
	19	29	10.589	9.887	2.910	10.430	9.746	3.131	9.379	8.899	3.551	8.812	6.264	3.790
	22	29	10.647	9.937	2.918	10.481	9.792	3.141	9.419	8.936	3.565	8.847	6.288	3.804

Wiring Diagrams.

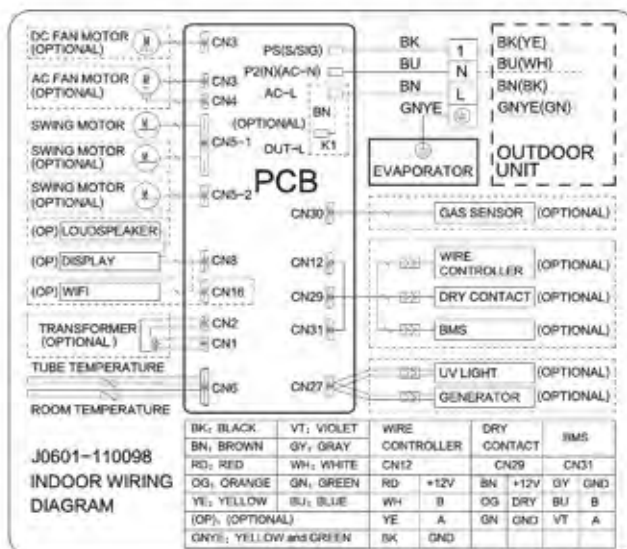


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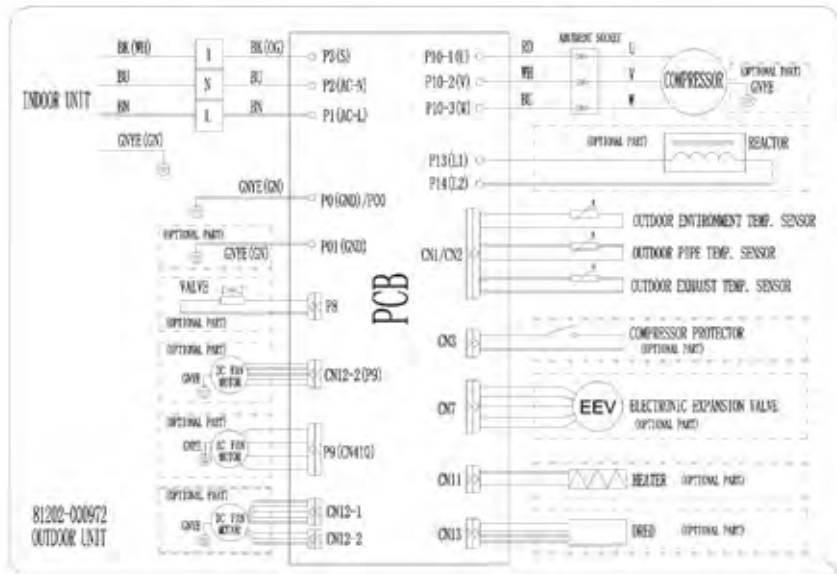
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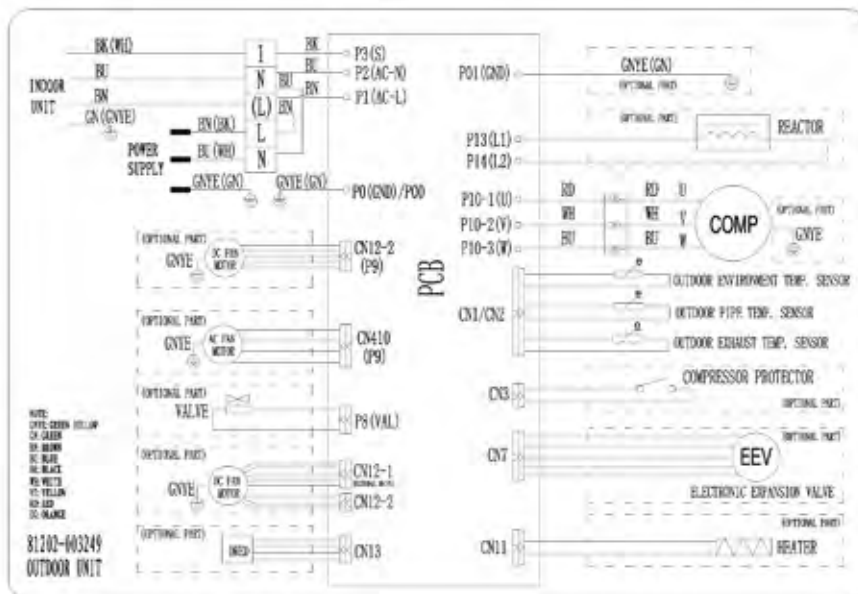
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Wiring Diagrams.



RONW12AICTG00-Q RONW18AICTG00-Q



RONW24AICTG00-Q RONW36AICTG00-Q

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