Rheem

engineered for life™

AMERICAN BRAND
TRUSTED QUALITY



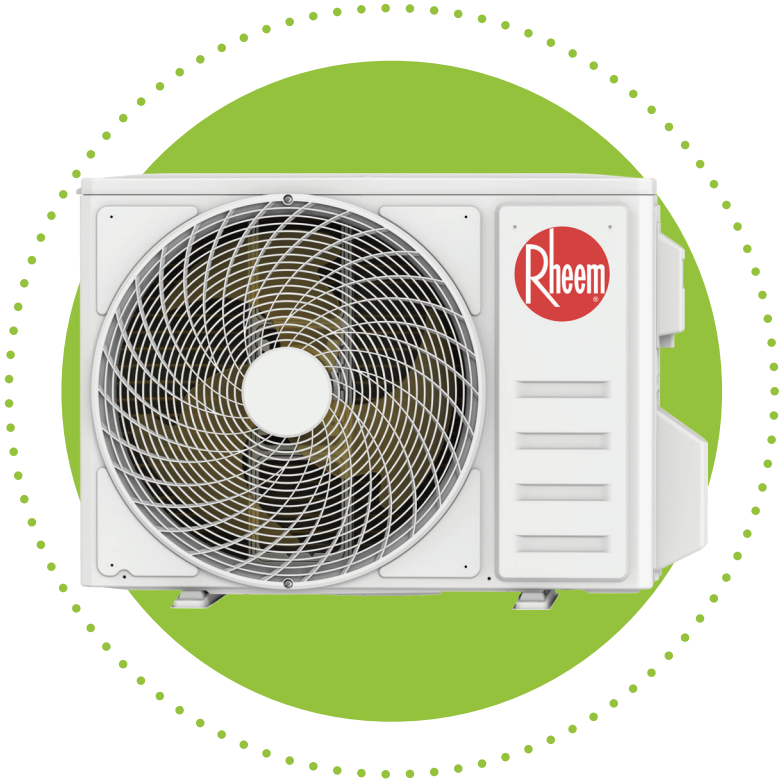
R32.

Wall Mount Inverter Series

R32.

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 products[2]

SUSTAINABLE
PACKAGING
Achieve an average of 90% reusable, recyclable, or compostable packaging OR at least 50% recycled content in product packaging[3]

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 acquisitions[4]

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 at 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

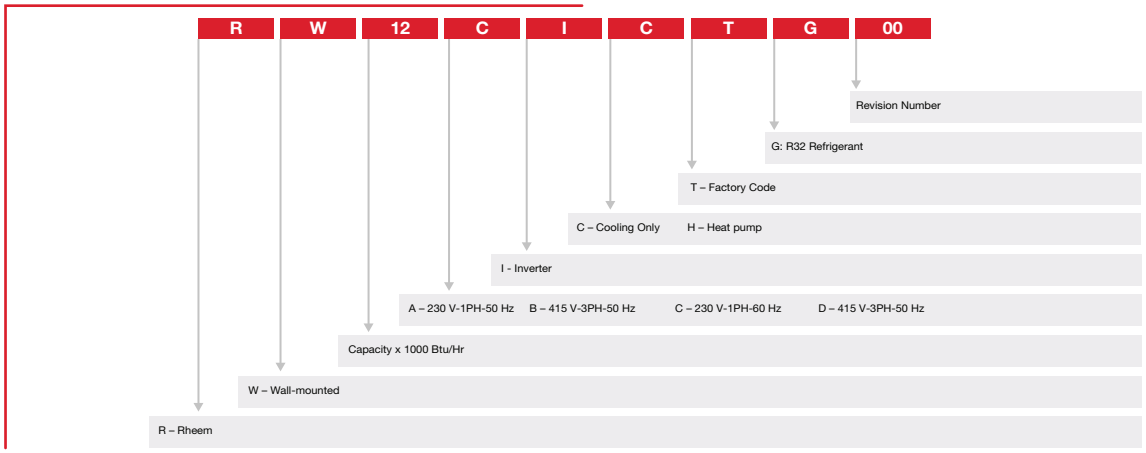


Smart Cooling Powered by R32

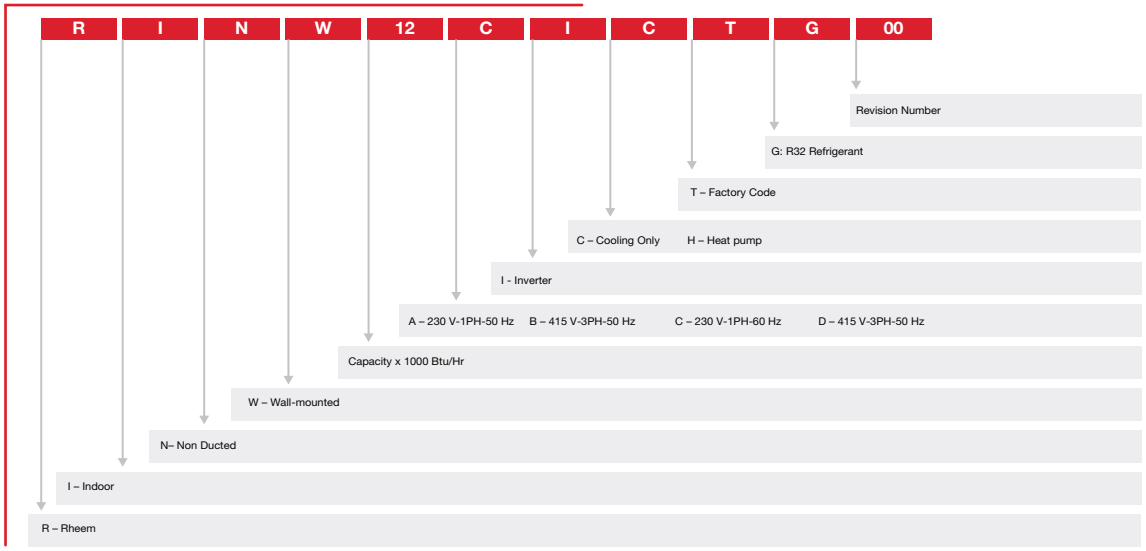
This air conditioner uses R32 refrigerant, a modern cooling gas that's more efficient and kinder to the environment. R32 helps your home cool faster while using less energy, and it produces fewer emissions than older refrigerants. It's an important step toward cleaner, more sustainable comfort for you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

Nomenclature.

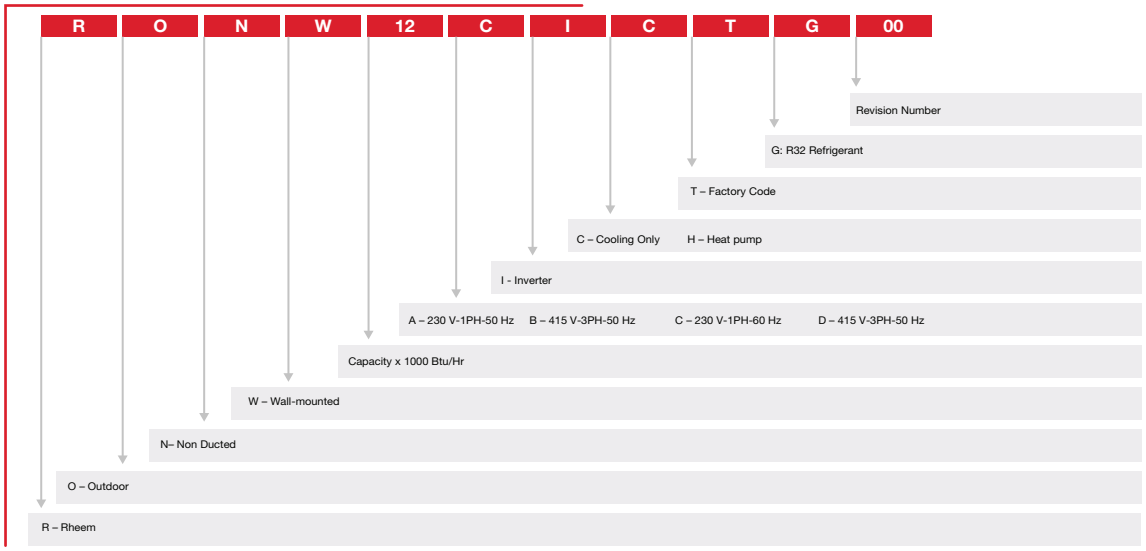
System Model Name



Indoor Model Name



Outdoor Model Name



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Split Air-Conditioner Panels.



RW12CICTG00/RW12CIHTG00

RW18CICTG00/RW18CIHTG00

RW24CICTG00/RW24CIHTG00

RW30CICTG00/RW30CIHTG00



RW36CICTG00/RW36CIHTG00

Features

- Dual Drainage
- Louver Position Memory
- Self-diagnosis
- Low Noise
- Rust Proof

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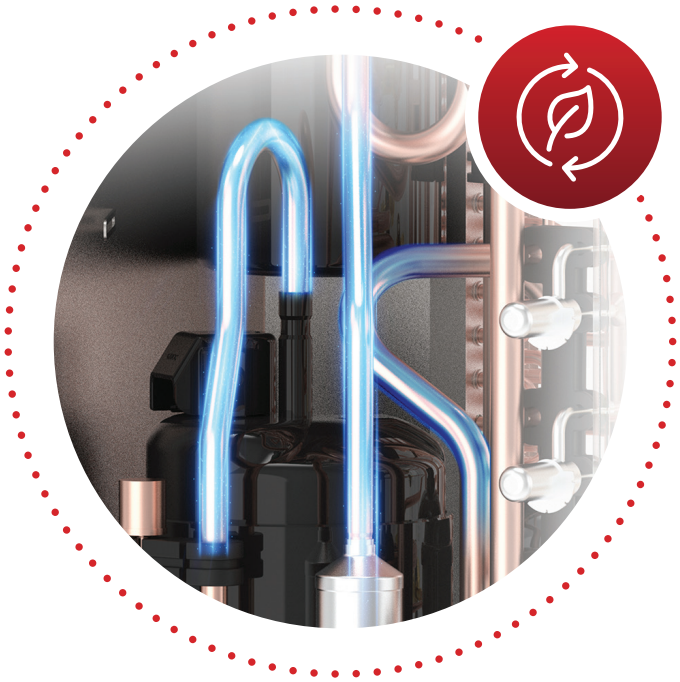
Features.



High Efficiency DC Inverter T3 Compressor



High Ambient Operation Up to 60°C



Less Refrigerant Charge Requirement



Auto Dust Removal

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Rapid Cooling and Heating.



Cool Wind Blowing Out

18°C

30s

In Cooling Mode

Outlet Temperature Decreased Rapidly in 30”

Hot Wind Blowing Out

*Electric Auxiliary Heat Only

40°C

60s

In Heating Mode

Outlet Temperature Increased Rapidly in 60”

56°C High Temperature Self-cleaning & Sterilization

The indoor cleans itself automatically, with frosting, quick defrosting, high-temperature drying, and 56°C sterilization, ensuring cleaner air and a healthier breathing environment.



Frosting



High Temperature Drying



Defrosting



56°C High Temperature Sterilization

* Heat Pump DC Inverter Only

Fan Defrosting



Frosting



Defrosting Evaporator



Fan Drying



Automatic Self Cleaning

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

*Cooling Only DC Inverter Only

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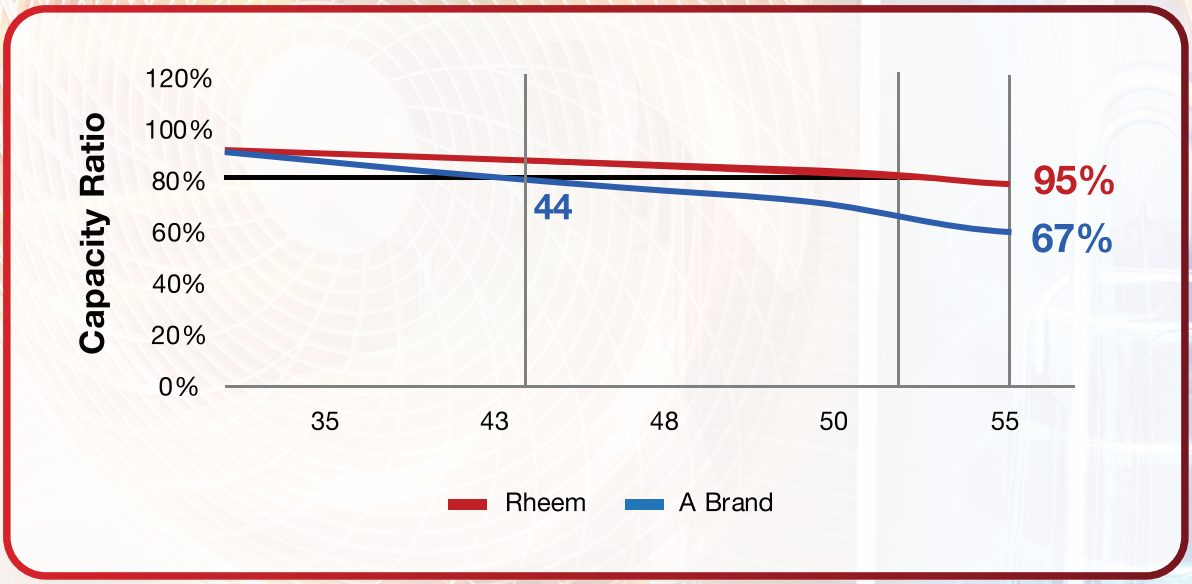
Unique Air-Cooled Technology.

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)

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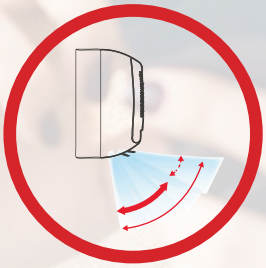
Wi-Fi Connectivity.

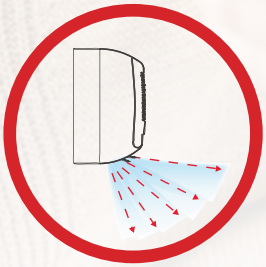
Vector Precision Air Supply

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



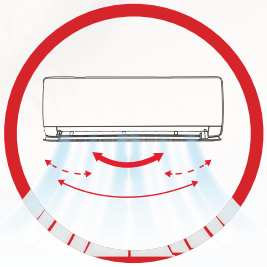
3 Swing Types (Vertical)

- Whole-house swing
- Upside swing
- Downside swing



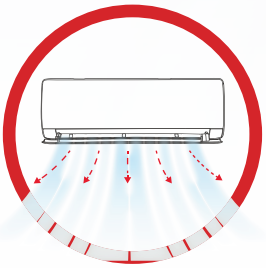
5 Blow Types (Vertical)

- 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

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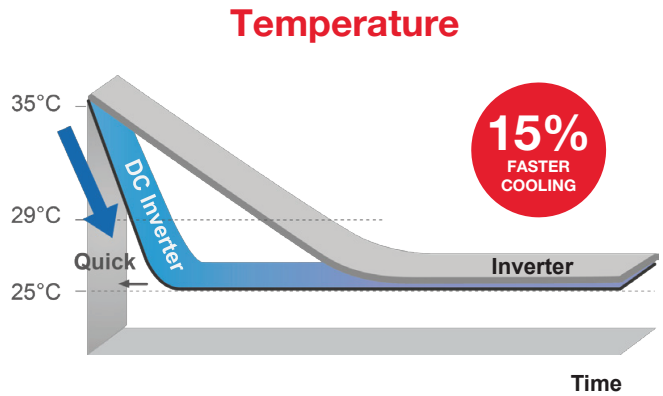
Energy Saving Experience.

Full DC Inverter System

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

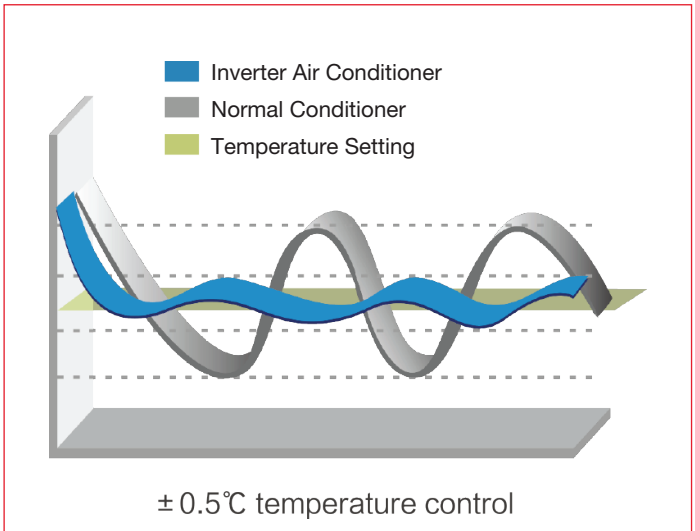
Fast Cooling

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 is blowing 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.

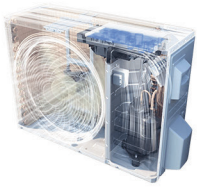
Low Temperature Heating
Keeps you warm even when the outdoor temperature is as low as -30C.

Low Noise Cooling & Heating
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.

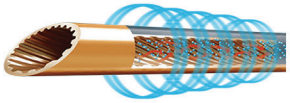
Better Safety Design
No connection between condensate water and electricity. BMC fireproof electric control box is applied, which creates high heat resistance & erosion resistance.

Condensing Unit Features.

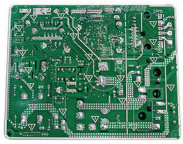
Strong resistant metal plates of rust & corrosion, maintaining its excellent performance in difficult climate such as humid, coastal, etc.

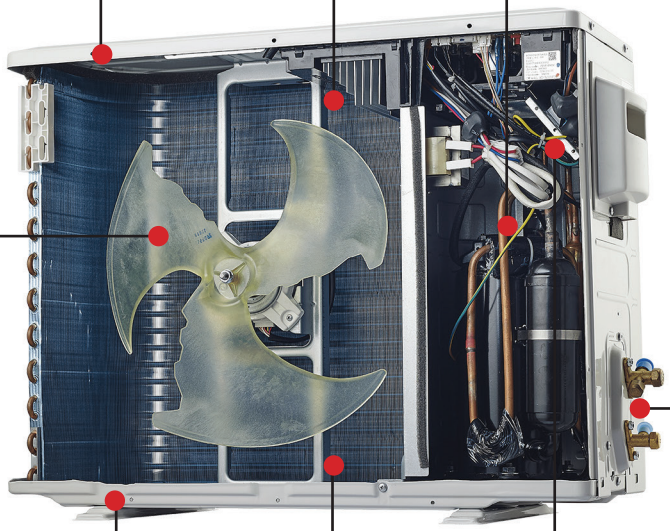


Inner **grooved cooper pipe** of more efficient heat exchanging.



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



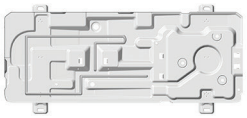




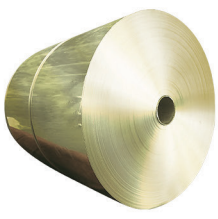
Bionic propeller fan with lower operation noise and higher air volume.



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



Heating belt is available for better anti-frosting in the bottom plate with optimized reinforcing rib layout.



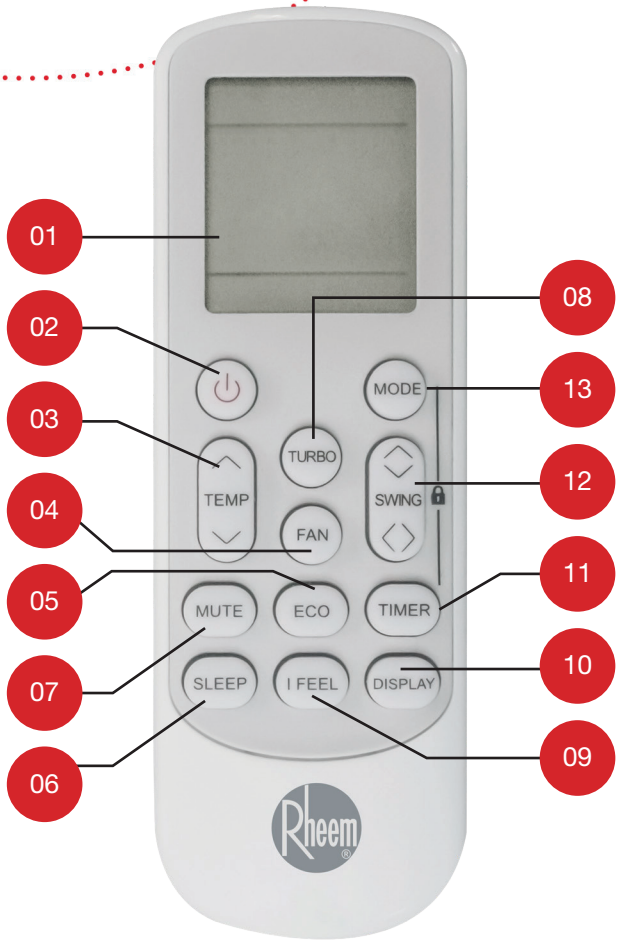
Excellent **hydrophilia coated fins** with less accumulation of dust, bacteria, etc.



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/HEAT)

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 (Metre)	25	30	30	30	30
Max Piping Capability Vertical (Metre)	15	20	20	20	20

● Standard ○ Optional - N/A

R32 Cool Only Inverter Specifications

Model No.			RW12CICTG00	RW18CICTG00	RW24CICTG00	RW30CICTG00	RW36CICTG00
Rated Cooling Capacity (T1)		Btu/h	12100 (2559~15354)	18100 (4436~20131)	22100 (3412~26272)	28200 (5800~34120)	33000 (5800~37532)
Rated Cooling Capacity (T3)		Btu/h	11500 (2559~12624)	16800 (5118~18766)	20500 (5118~23202)	24600 (5800~30708)	30000 (5800~32073)
Rated Heating Capacity		W	/	/	/	/	/
EER (T1)		Btu/h/W	12.20	11.95	12.35	11.85	12.15
EER (T3)		Btu/h/W	9.05	8.85	8.95	9.3	9.05
Heating COP		W/W	/	/	/	/	/
Annual Energy Consumption (AEC)		kWh/year	2675.7	4085.1	4827.6	6412.5	7330.5
SEER		Btu/(W.h)	15.50	15.00	15.10	15.60	16.80
SASO Energy Class			B	B	B	B	B
Pressure	High (DP) Low (SP)	MPa MPa	4.5 1.9	4.5 1.9	4.5 1.9	4.5 1.9	4.5 1.9
Indoor Sound Level at Cooling	Super High ML/Med/HM Low Quite	dB(A) dB(A) dB(A) dB(A) dB(A)	46 43 35/37/40 32 28	49 46 39/41/49 36 32	50 48 40/42/46 37 32	55 53 45/47/50 42 40	55 53 43/47/50 38 35
Outdoor Sound Level		dB(A)	53	56	59	61	60
Climate Type			T3	T3	T3	T3	T3
Power Supply			230V~ 1 Phase/60Hz	230V~ 1 Phase/60Hz	230V~ 1 Phase/60Hz	230V~ 1 Phase/60Hz	230V~ 1 Phase/60Hz
Voltage Range		V	198~264	198~264	198~264	198~264	198~264
Current	Cooling(T1) Cooling(T3) Heating	A A A	6.3(1.1~9.0) 8.0(1.1~9.0) /	6.9(1.2~12.0) 8.6(1.2~12.0) /	8.0(1.5~15.0) 10.3(1.5~15.0) /	10.6(2.0~18.0) 11.9(2.0~18.0) /	12.0(2.0~19.0) 14.7(2.0~19.0) /
Power Input	Cooling(T1) Cooling(T3) Heating	W W W	991(290~1910) 1270(290~1910) /	1513(270~2600) 1903(270~2600) /	1788(270~3300) 2296(270~3300) /	2375(450~4140) 2649(450~4140) /	2715(450~4280) 3317(450~4280) /
Refrigerant Charge		kg	R32/0.49	R32/0.72	R32/0.82	R32/0.97	R32/1.07
Compressor Type			Inverter	Inverter	Inverter	Inverter	Inverter
Indoor Air Volume		m^3/h	390/420/450/ 540/590/680/740	550/660/720/ 780/860/940/1000	820/1000/1080/ 1180/1290/1410/1500	930/1130/1230/ 1330/1470/1600/1700	1160/1320/1430/ 1540/1650/1750/1900
Connection Pipes	Gas Liquid	Inches Inches	Φ9(3/8") Φ6(1/4")	Φ9(3/8") Φ6(1/4")	Φ12(1/2") Φ6(1/4")	Φ15.88(5/8") Φ6(1/4")	Φ15.88(5/8") Φ6(1/4")
Connecting Wiring	Size x Core No.		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 Outdoor	mm mm	910x206x294 795x305x549	1010x220x315 853x349x602	1010x220x315 920x380x699	1191x258x360 920x380x699	1400x280x370 967x421x803
Net Weight	Indoor Outdoor	kg kg	9.0 22.0	11.0 29.5	11.5 37.5	16.0 39.0	21.0 43.5
"Packing Dimensions (W x D x H)"	Indoor Outdoor (WOP) Outdoor (WP)	mm mm mm	979x277x372 835x328x575 835x340x585	1096x297x390 890x385x628 890x385x628	1096x297x390 960x430x732 960x430x732	1260x328x430 960x430x732 960x430x732	1495x385x465 1022x480x835 1022x480x835
Gross Weight	Indoor Outdoor (WOP) Outdoor (WP)	kg kg kg	11.5 24.0 25.0	13.5 32.5 33.5	14.0 41.5 42.5	20.0 43.0 44.5	26.5 48.5 50.5
Stuffing Qty	40'HQ (WOP) 40'HQ (WP)	sets sets	255 245	195 195	150 150	130 130	82 82

* WP = With Piping | WOP = Without Piping

R32 Heat Pump Inverter Specifications

Model No.			RW12CIHTG00	RW18CIHTG00	RW24CIHTG00	RW30CIHTG00	RW36CIHTG00
Rated Cooling Capacity (T1)		Btu/h	12000 (2559~16036)	18100 (4436~20472)	22300 (5118~24566)	29000 (9895~31390)	36000 (7506~38214)
Rated Cooling Capacity (T3)		Btu/h	11000 (2559~13648)	17000 (4436~19790)	20800 (5118~24566)	24800 (9895~29000)	31800 (7506~38214)
Rated Heating Capacity		W	3500 (750~4600)	5250 (1500~5900)	7100 (1500~7600)	8500 (2500~9200)	10500 (2100~11050)
EER (T1)		Btu/h/W	12.00	11.80	12.15	11.85	11.90
EER (T3)		Btu/h/W	8.80	9.15	8.95	9.15	9.05
Heating COP		W/W	3.80	3.60	3.30	3.8	3.60
Annual Energy Consumption (AEC)		kWh/year	2705.4	4139.1	4959.9	6598.8	8178.3
SEER		Btu/(W.h)	15.00	15.15	15.15	15.30	16.00
SASO Energy Class			B	B	B	B	B
Pressure	High (DP) Low (SP)	MPa MPa	4.5 1.9	4.5 1.9	4.5 1.9	4.5 1.9	4.5 1.9
Indoor Sound Level at Cooling	Super High ML/Med/HM Low Quite	dB(A) dB(A) dB(A) dB(A) dB(A)	48 46 35/40/42 32 30	50 48 40/42/45 37 32	50 48 41/42/46 37 33	54 51 43/46/41 39 37	56 53 42/46/50 39 36
Outdoor Sound Level		dB(A)	55	56	61	62	64
Climate Type			T3	T3	T3	T3	T3
Power Supply			230V~ 1 Phase/60Hz	230V~ 1 Phase/60Hz	230V~ 1 Phase/60Hz	230V~ 1 Phase/60Hz	230V~ 1 Phase/60Hz
Voltage Range		V	198~264	198~264	198~264	198~264	198~264
Current	Cooling(T1) Cooling(T3) Heating	A A A	6.4(1.1~9.0) 7.9(1.1~9.0) 6.0(1.2~9.0)	6.9(1.2~12.0) 8.4(1.2~12.0) 6.6(1.0~10.0)	11.1(1.6~15.0) 14.0(1.6~15.0) 9.7(1.6~12.0)	11.0(3.5~17.0) 12.0(3.5~17.0) 10.0(3.0~15.0)	13.7(3.3~20.5) 15.9(3.3~20.5) 13.2(2.2~19.0)
Power Input	Cooling(T1) Cooling(T3) Heating	W W W	1002(290~1880) 1250(290~1880) 921(290~1400)	1533(270~2500) 1859(270~2500) 1458(200~2100)	1837(200~3250) 2325(200~3250) 2151(200~2600)	2444(520~4000) 2715(520~4000) 2236(520~3500)	3029(507~4600) 3519(507~4600) 2916(290~3800)
Refrigerant Charge		kg	R32/0.56	R32/0.75	R32/1.13	R32/1.36	R32/1.96
Compressor Type			Inverter	Inverter	Inverter	Inverter	Inverter
Indoor Air Volume	Cooling Heating	m^3/h	370/410/440/ 520/570/650/700 380/420/450/ 500/550/600/650	550/660/720/ 780/860/940/1000 620/700/760/ 830/880/940/1000	820/1000/1080/ 1180/1290/1410/1500 1000/1130/1220/ 1330/1410/1500/1600	1020/1080/1180/ 1310/1460/1560/1700 1020/1080/1180/ 1310/1460/1560/1700	1160/1320/1430/ 1540/1650/1750/1900 1140/1260/1340/ 1430/1530/1620/1750
Connection Pipes	Gas Liquid	Inches Inches	Φ9(3/8") Φ6(1/4")	Φ12(1/2") Φ6(1/4")	Φ12(1/2") Φ6(1/4")	Φ15.88(5/8") Φ6(1/4")	Φ15.88(5/8") Φ6(1/4")
Connecting Wiring	Size x Core No.		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 Outdoor	mm mm	910x206x294 795x305x549	1010x220x315 853x349x602	1010x220x315 920x380x699	1191x258x360 967x421x803	1400x280x370 967x421x803
Net Weight	Indoor Outdoor	kg kg	9.0 23.0	11.0 30.0	11.5 39.5	16.0 46.0	23.0 50.5
"Packing Dimensions (W x D x H)"	Indoor Outdoor (WOP) Outdoor (WP)	mm mm mm	979x277x372 835x328x575 835x340x585	1096x297x390 890x385x628 890x385x628	1096x297x390 960x430x732 960x430x732	1260x328x430 1022x480x835 1022x480x835	1495x385x465 1022x480x835 1022x480x835
Gross Weight	Indoor Outdoor (WOP) Outdoor (WP)	kg kg kg	11.5 25.0 26.0	13.5 33.0 34.0	14.0 43.5 44.5	20.0 51.0 52.5	28.5 55.5 57.5
Stuffing Qty	40'HQ (WOP) 40'HQ (WP)	sets sets	255 245	195 195	150 150	105 105	82 82

* WP = With Piping | WOP = Without Piping

Performance Tables (R32 Cool Only Inverter)

RW12CICTG00

Indoor Temperature			Outdoor Temperature											
AFR (CFM)	EWB (°C)	EDB (°C)	35° TC	35° SC	35° PI	40° TC	40° SC	40° PI	46° TC	46° SC	46° PI	52° TC	52° SC	52° PI
Low 250	17.2	24.4	10441	8735	0.967	10236	8507	1.042	9744	8603	1.254	9156	6352	1.315
	19	27	11151	9939	0.971	10935	9648	1.043	10409	9607	1.255	9779	7183	1.316
	19	29	11191	9804	0.975	10975	9502	1.045	10448	9633	1.256	9816	7050	1.318
Med 310	17.2	24.4	11175	9173	0.980	10960	9396	1.050	10512	9800	1.138	9839	6574	1.327
	19	27	11284	9195	0.982	11092	9594	1.051	10649	9800	1.263	10077	6689	1.332
	19	29	11591	10463	0.984	11388	10154	1.052	10839	10183	1.265	10183	7549	1.335
High 400	17.2	24.4	11450	9679	0.989	11216	9424	1.062	10755	10066	1.273	10278	7040	1.352
	19	27	12099	11014	0.991	11913	10689	1.066	11456	10578	1.276	10763	7809	1.363
	19	29	12143	10862	0.993	11961	10707	1.069	11499	10905	1.270	10804	7676	1.356

RW18CICTG00

Indoor Temperature			Outdoor Temperature											
AFR (CFM)	EWB (°C)	EDB (°C)	35° TC	35° SC	35° PI	40° TC	40° SC	40° PI	46° TC	46° SC	46° PI	52° TC	52° SC	52° PI
Low 390	17.2	24.4	15620	14104	1.477	15314	13736	1.591	14238	12897	1.879	13378	9522	1.970
	19	27	16682	16048	1.483	16360	15578	1.593	15208	14402	1.881	14288	10768	1.973
	19	29	16742	15829	1.489	16420	15342	1.596	15265	14441	1.882	14343	10568	1.975
Med 460	17.2	24.4	16718	14811	1.496	16397	15171	1.602	15359	14692	1.705	14377	9855	1.989
	19	27	16881	14846	1.499	16594	15491	1.604	15560	14692	1.893	14724	10027	1.996
	19	29	17340	16894	1.502	17037	16396	1.606	15837	15265	1.896	14878	11316	2.001
High 550	17.2	24.4	17130	15627	1.510	16780	15215	1.622	15714	15089	1.907	15017	10554	2.025
	19	27	18101	17784	1.513	17823	17259	1.627	16738	15857	1.913	15726	11707	2.042
	19	29	18167	17538	1.517	17894	17287	1.632	16801	16348	1.903	15786	11507	2.031

RW24CICTG00

Indoor Temperature			Outdoor Temperature											
AFR (CFM)	EWB (°C)	EDB (°C)	35° TC	35° SC	35° PI	40° TC	40° SC	40° PI	46° TC	46° SC	46° PI	52° TC	52° SC	52° PI
Low 590	17.2	24.4	19071	16634	1.745	18697	16200	1.880	17372	15629	2.267	16323	11539	2.377
	19	27	20367	18927	1.752	19974	18373	1.883	18556	17453	2.270	17434	13050	2.380
	19	29	20441	18669	1.759	20047	18094	1.886	18626	17500	2.271	17500	12807	2.383
Med 690	17.2	24.4	20412	17468	1.768	20020	17892	1.894	18741	17804	2.057	17542	11943	2.400
	19	27	20611	17510	1.772	20260	18270	1.896	18986	17804	2.283	17965	12152	2.408
	19	29	21171	19925	1.775	20801	19337	1.897	19324	18499	2.288	18154	13714	2.414
High 830	17.2	24.4	20914	18431	1.784	20487	17945	1.917	19174	18286	2.301	18323	12790	2.444
	19	27	22100	20974	1.788	21761	20355	1.922	20423	19217	2.308	19188	14187	2.463
	19	29	22180	20685	1.792	21847	20388	1.928	20500	19811	2.296	19261	13944	2.451

RW30CICTG00

Indoor Temperature			Outdoor Temperature											
AFR (CFM)	EWB (°C)	EDB (°C)	35° TC	35° SC	35° PI	40° TC	40° SC	40° PI	46° TC	46° SC	46° PI	52° TC	52° SC	52° PI
Low 660	17.2	24.4	24335	21659	2.318	23859	21094	2.497	20848	18647	2.616	19589	13767	2.742
	19	27	25990	24644	2.328	25488	23923	2.501	22269	20822	2.618	20922	15569	2.746
	19	29	26084	24309	2.337	25581	23561	2.505	22353	20879	2.620	21001	15280	2.750
Med 780	17.2	24.4	26046	22745	2.349	25546	23297	2.515	22490	21242	2.373	21051	14248	2.769
	19	27	26300	22800	2.354	25853	23789	2.518	22784	21242	2.635	21560	14498	2.778
	19	29	27016	25944	2.357	26544	25178	2.520	23189	22071	2.639	21786	16362	2.785
High 940	17.2	24.4	26687	23999	2.370	26142	23366	2.546	23010	21816	2.655	21989	15259	2.819
	19	27	28201	27311	2.375	27768	26505	2.554	24509	22927	2.662	23027	16926	2.842
	19	29	28303	26933	2.381	27878	26548	2.561	24602	23636	2.649	23115	16637	2.827

RW36CICTG00

Indoor Temperature			Outdoor Temperature											
AFR (CFM)	EWB (°C)	EDB (°C)	35° TC	35° SC	35° PI	40° TC	40° SC	40° PI	46° TC	46° SC	46° PI	52° TC	52° SC	52° PI
Low 770	17.2	24.4	28478	25542	2.650	27921	24876	2.854	25422	23320	3.276	23887	17218	3.433
	19	27	30414	29063	2.661	29827	28212	2.859	27155	26041	3.279	25513	19471	3.438
	19	29	30524	28667	2.672	29936	27785	2.864	27257	26112	3.280	25610	19109	3.443
Med 900	17.2	24.4	30480	26823	2.685	29895	27474	2.875	27425	26565	2.972	25670	17819	3.467
	19	27	30777	26887	2.691	30254	28054	2.878	27783	26565	3.299	26290	18131	3.478
	19	29	31615	30595	2.695	31062	29693	2.881	28278	27603	3.305	26566	20462	3.487
High 1030	17.2	24.4	31231	28301	2.709	30592	27555	2.911	28058	27283	3.324	26814	19084	3.530
	19	27	33002	32207	2.715	32495	31256	2.919	29887	28673	3.334	28079	21168	3.559
	19	29	33122	31762	2.721	32623	31307	2.928	30000	29559	3.317	28186	20806	3.540

Note: TC and SC are in Btu/h, PI is in kW

Performance Tables (R32 Heat Pump Inverter)

RW12CIHTG00

Indoor Temperature			Outdoor Temperature											
			35°			40°			46°			52°		
AFR (CFM)	EWB (°C)	EDB (°C)	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	10355	10355	0.978	10153	8931	1.053	9322	8361	1.234	8759	6173	1.294
240	19	27	11059	11059	0.982	10846	10129	1.055	9958	9337	1.236	9355	6981	1.296
	19	29	11099	11099	0.986	10886	9976	1.057	9995	9362	1.236	9391	6851	1.297
Med	17.2	24.4	11083	11083	0.991	10871	9864	1.061	10057	9525	1.120	9413	6389	1.307
300	19	27	11191	11191	0.993	11001	10073	1.062	10188	9525	1.243	9640	6501	1.311
	19	29	11496	11496	0.994	11295	10661	1.063	10369	9897	1.245	9742	7336	1.314
High	17.2	24.4	11356	11356	1.000	11124	9894	1.074	10289	9782	1.253	9833	6842	1.330
380	19	27	12001	12001	1.002	11816	11222	1.077	10959	10280	1.256	10296	7589	1.341
	19	29	12044	12044	1.004	11863	11241	1.081	11001	10598	1.250	10336	7460	1.334

RW18CIHTG00

Indoor Temperature			Outdoor Temperature											
			35°			40°			46°			52°		
AFR (CFM)	EWB (°C)	EDB (°C)	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	15620	13833	1.496	15314	13472	1.612	14406	12779	1.836	13536	9435	1.924
390	19	27	16682	15740	1.502	16360	15279	1.614	15388	14269	1.838	14457	10670	1.927
	19	29	16742	15526	1.508	16420	15048	1.617	15445	14308	1.838	14512	10471	1.930
Med	17.2	24.4	16718	14527	1.516	16397	14880	1.624	15540	14557	1.666	14546	9764	1.943
460	19	27	16881	14562	1.519	16594	15194	1.625	15743	14557	1.849	14897	9935	1.949
	19	29	17340	16570	1.522	17037	16081	1.627	16024	15125	1.852	15054	11212	1.954
High	17.2	24.4	17130	15327	1.530	16780	14923	1.644	15899	14950	1.863	15194	10457	1.979
550	19	27	18101	17443	1.533	17823	16928	1.648	16936	15712	1.868	15911	11599	1.994
	19	29	18167	17202	1.537	17894	16955	1.653	16999	16197	1.859	15972	11401	1.984

RW24CIHTG00

Indoor Temperature			Outdoor Temperature											
			35°			40°			46°			52°		
AFR (CFM)	EWB (°C)	EDB (°C)	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	19244	17348	1.793	18868	16896	1.931	17627	15812	2.296	16562	11675	2.407
590	19	27	20553	19739	1.800	20156	19162	1.934	18828	17657	2.298	17689	13203	2.410
	19	29	20627	19471	1.808	20230	18871	1.938	18899	17705	2.299	17757	12957	2.413
Med	17.2	24.4	20598	18218	1.817	20202	18661	1.946	19015	18013	2.083	17798	12083	2.430
690	19	27	20798	18262	1.820	20445	19055	1.948	19264	18013	2.312	18228	12294	2.438
	19	29	21364	20780	1.823	20991	20167	1.949	19607	18716	2.317	18420	13874	2.444
High	17.2	24.4	21105	19222	1.833	20673	18716	1.970	19454	18500	2.330	18592	12940	2.475
830	19	27	22302	21875	1.837	21959	21229	1.975	20722	19442	2.337	19469	14353	2.494
	19	29	22382	21573	1.841	22046	21264	1.981	20800	20043	2.325	19543	14108	2.482

RW30CIHTG00

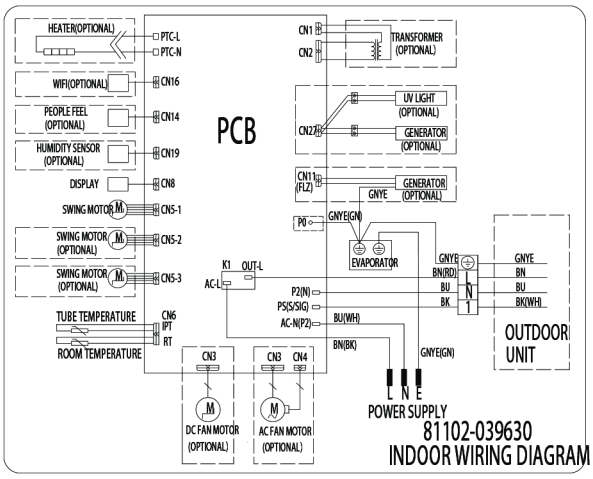
Indoor Temperature			Outdoor Temperature											
			35°			40°			46°			52°		
AFR (CFM)	EWB (°C)	EDB (°C)	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	25024	22168	2.385	24534	21589	2.569	21016	18962	2.681	19747	14000	2.810
640	19	27	26726	25223	2.395	26210	24485	2.573	22448	21174	2.684	21090	15832	2.814
	19	29	26822	24880	2.405	26305	24114	2.578	22532	21232	2.685	21170	15538	2.818
Med	17.2	24.4	26784	23279	2.417	26270	23845	2.588	22671	21600	2.433	21220	14489	2.838
770	19	27	27045	23335	2.422	26585	24348	2.591	22967	21600	2.700	21733	14743	2.847
	19	29	27781	26553	2.426	27295	25770	2.594	23376	22444	2.705	21961	16638	2.854
High	17.2	24.4	27443	24562	2.439	26882	23915	2.620	23195	22185	2.721	22166	15517	2.890
920	19	27	29000	27952	2.444	28554	27127	2.628	24706	23314	2.729	23212	17212	2.913
	19	29	29105	27566	2.450	28667	27171	2.636	24799	24035	2.715	23301	16918	2.898

RW36CIHTG00

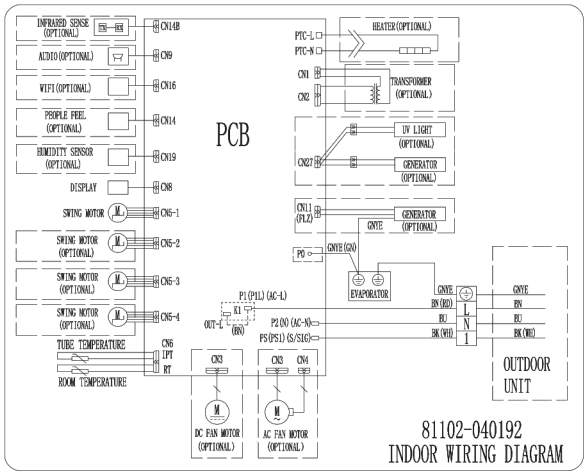
Indoor Temperature			Outdoor Temperature											
			35°			40°			46°			52°		
AFR (CFM)	EWB (°C)	EDB (°C)	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Low	17.2	24.4	31066	27501	2.956	30458	26784	3.185	26949	23942	3.475	25322	17677	3.643
770	19	27	33178	31292	2.968	32538	30376	3.189	28786	26735	3.478	27045	19990	3.648
	19	29	33298	30866	2.981	32657	29916	3.195	28894	26808	3.480	27147	19619	3.653
Med	17.2	24.4	33250	28880	2.996	32612	29582	3.208	29072	27273	3.153	27212	18295	3.678
900	19	27	33574	28949	3.002	33004	30206	3.211	29452	27273	3.500	27869	18615	3.690
	19	29	34488	32942	3.006	33885	31970	3.214	29976	28339	3.506	28161	21008	3.699
High	17.2	24.4	34069	30472	3.022	33373	29669	3.248	29743	28011	3.526	28425	19593	3.745
1030	19	27	36002	34678	3.029	35448	33654	3.257	31682	29437	3.537	29765	21732	3.775
	19	29	36132	34198	3.036	35588	33709	3.266	31801	30348	3.519	29879	21361	3.756

Note: TC and SC are in Btu/h, PI is in kW

Wiring Diagrams.



RINW12CICTG00
RINW12CIHTG00
RINW18CICTG00
RINW18CIHTG00



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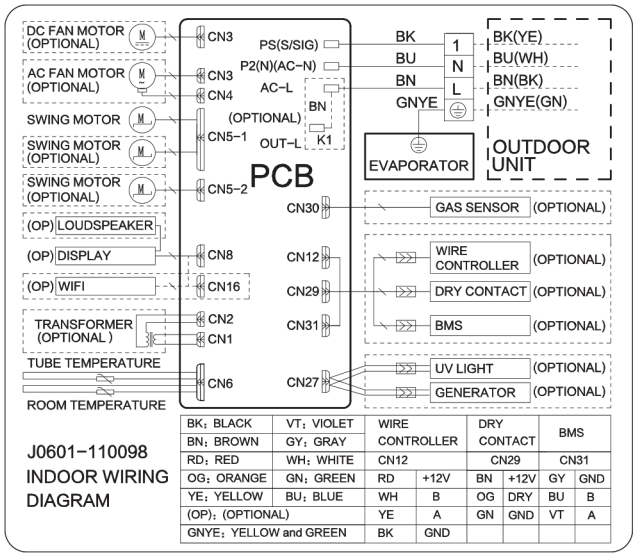
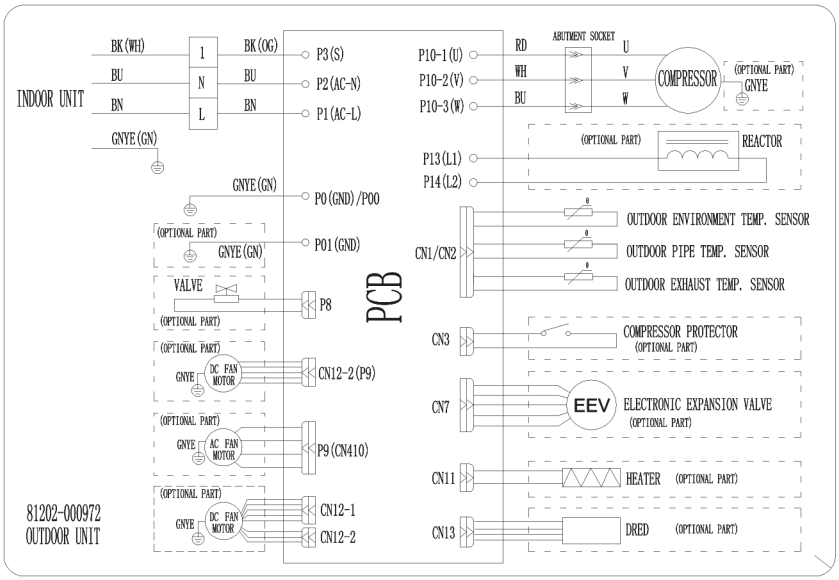


BK: BLACK	VT: VIOLET	WIRE CONTROLLER		DRY CONTACT		BMS	
BN: BROWN	GY: GRAY	CN12		CN29		CN31	
RD: RED	WH: WHITE	RD	+12V	BN	+12V	GY	GND
OG: ORANGE	GN: GREEN	WH	B	OG	DRY	BU	B
YE: YELLOW	BU: BLUE	YE	A	GN	GND	VT	A
(OP): (OPTIONAL)		BK	GND				
GNYE: YELLOW and GREEN							

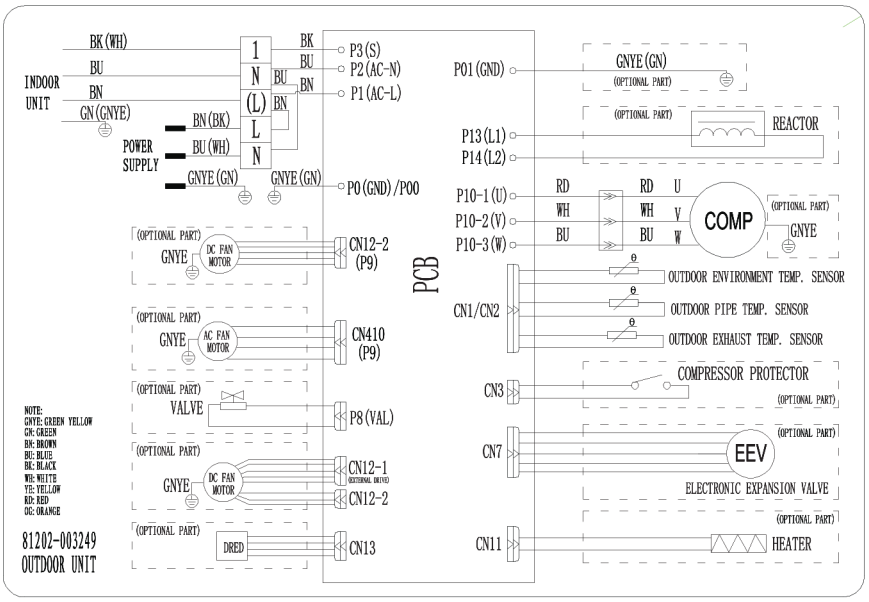
RINW24CIHTG00
RINW30CICTG00
RINW30CIHTG00
RINW36CICTG00
RINW36CIHTG00

Wiring Diagrams.



RONW12CICTG00
RONW12CIHTG00

RONW18CICTG00
RONW18CIHTG00



RONW24CICTG00
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