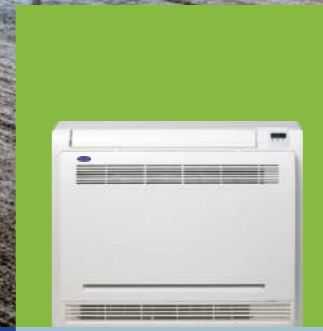
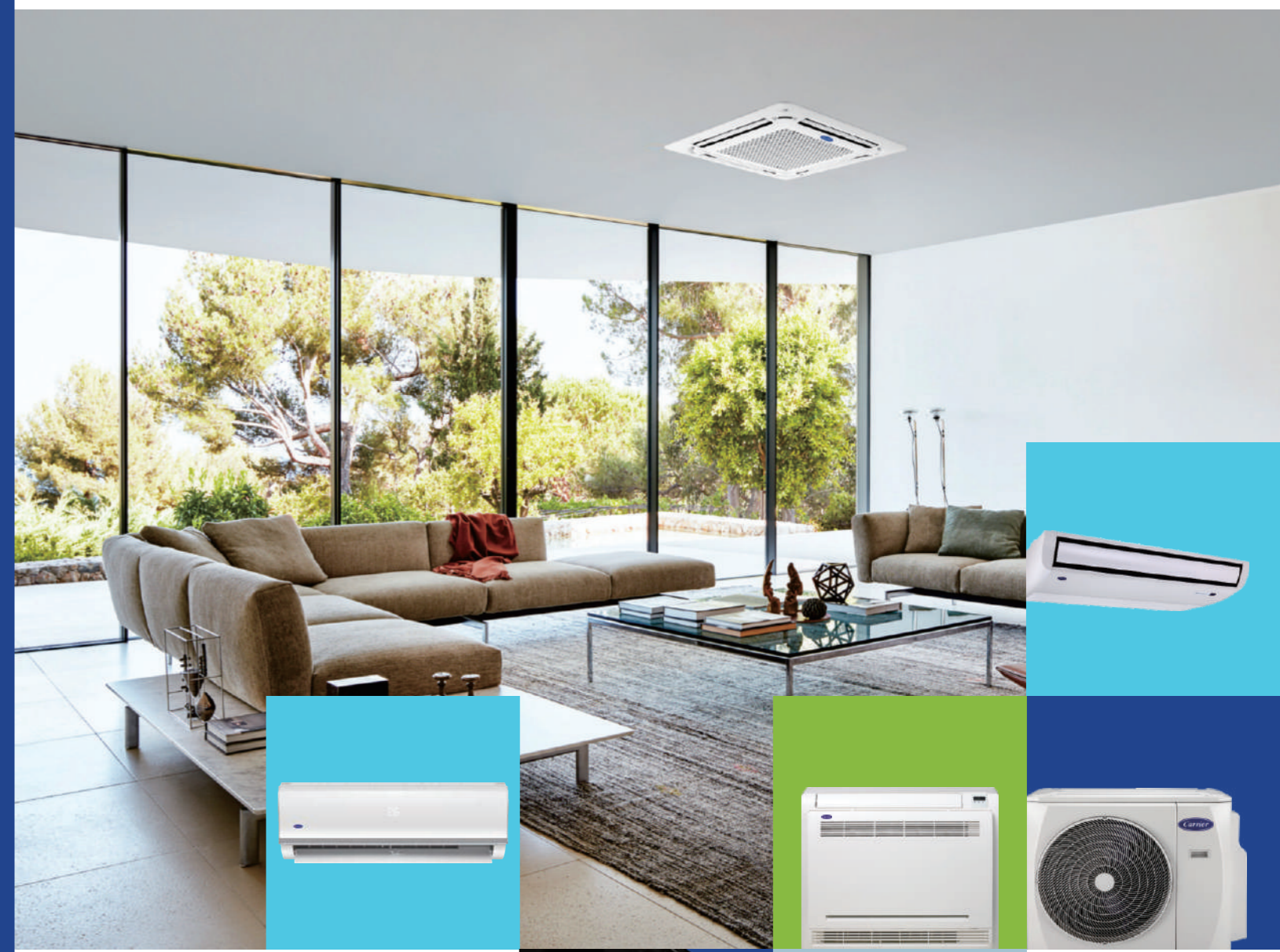




# Inverter Multi Air Conditioning for Residential Usage



**Note!** All features and specifications are subject to change without prior notice for product improvement purposes.

One House,  
One Outdoor Unit.







# ABOUT CARRIER

Built on Willis Carrier's invention of modern air conditioning in 1902, Carrier is a world leader in heating, air-conditioning and refrigeration solutions. We constantly build upon our history of proven innovation with new products and services that improve global comfort and efficiency.

## The Invention That Changed the World

In 1902, Willis Carrier solved one of mankind's most elusive challenges by controlling the indoor environment through modern air conditioning. His invention enabled countless industries, promoting global productivity, health and personal comfort.

Today, Carrier® innovations are found across the globe and in virtually every facet of daily life. We create comfortable and productive environments, regardless of the climate. We provide solutions, services and education to lead the green building movement.

These mark just a handful of the ways Carrier works to make the world a better place to live, work and play.



# MULTI-SPLIT TECHNOLOGY

## Flexible and Free-match

Different units for choices, various combinations.



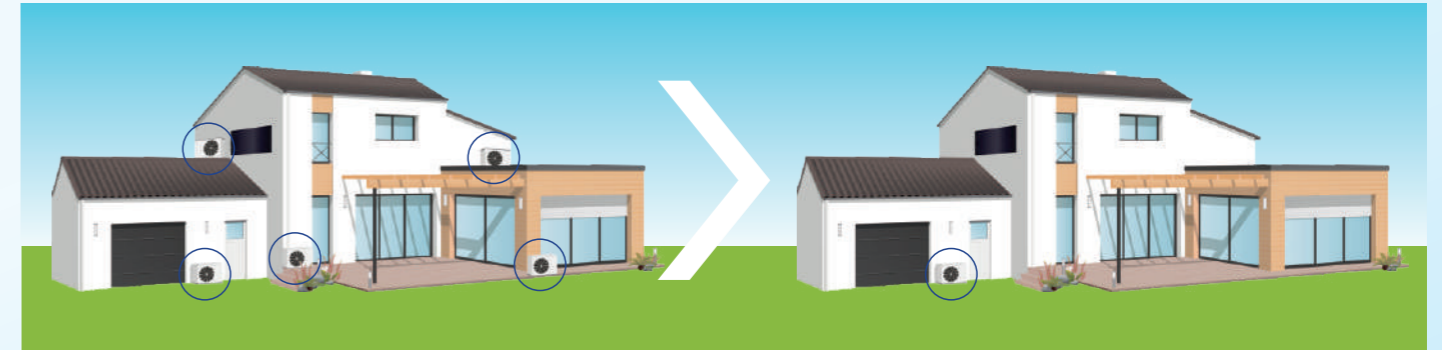
## Wider Selection



Choosing from four types of indoor units, High wall, Ducted, Cassette, Console type to suit customers' housing design.

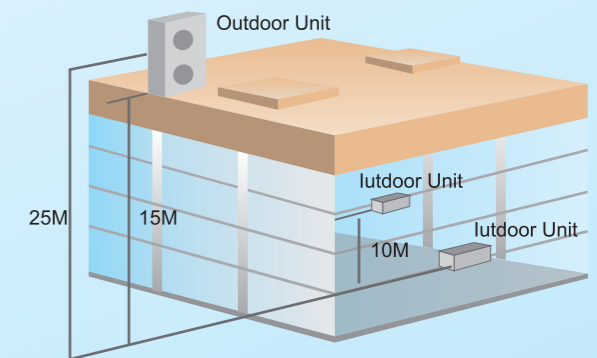
## One House, One Outdoor Unit

Up to five indoor units can be connected to a single outdoor unit, reducing the number of outdoor units required. All indoor units can be individually controlled and do not need to be installed even at the same time.



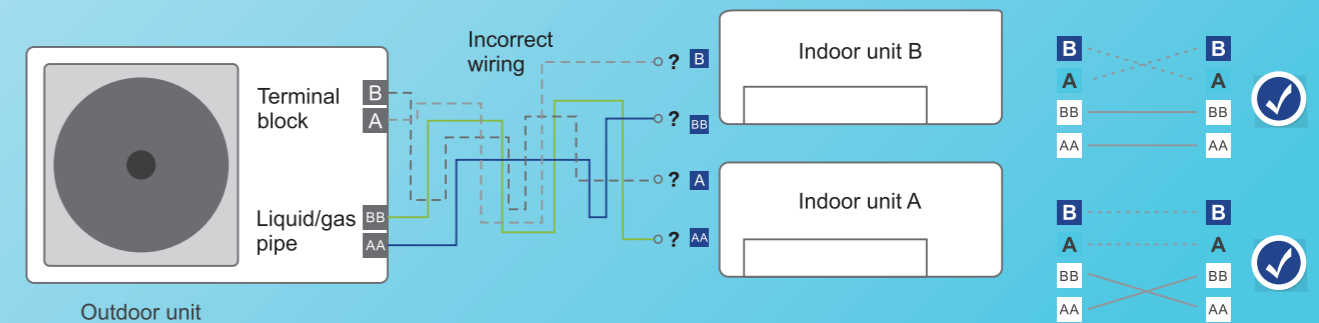
## Flexible Piping

Maximum allowed length of one indoor unit to the outdoor unit is 25m, maximum height between indoor and outdoor units is 15m, maximum height between indoor and outdoor units is 10m, flexible for installation.



## Automatic wiring/piping correction function

Press the "check switch" on the outdoor unit PCB board 5 seconds until LED display "CE", which mean this function is working, Approximately 5-10 minutes after the switch is pressed, the "CE" disappear the wiring/piping error will be corrected, and wiring/piping is properly connected.



# INVERTER TECHNOLOGY

Rather than using a fixed speed compressor, the inverter system uses a variable speed compressor, which means the cooling or heating capacity of the air conditioner can be varied to suit indoor conditions.

This makes the inverter units more economical and efficient to operate, produce less noise and contain most superior features on the market.



## More Economical

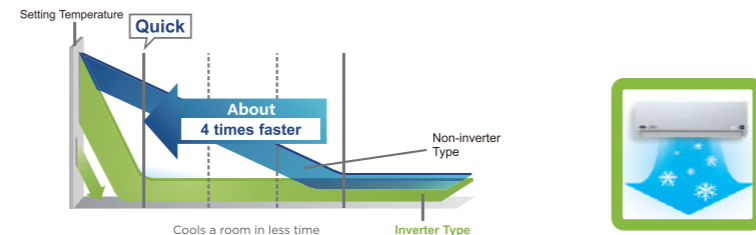
High Efficiency DC Rotary Compressor, Energy Saving

Optimized compressor design, applying 9-slot motor with 6-pole winding and optimized muffler, results in lower sound level, lower vibration, and higher efficiency.



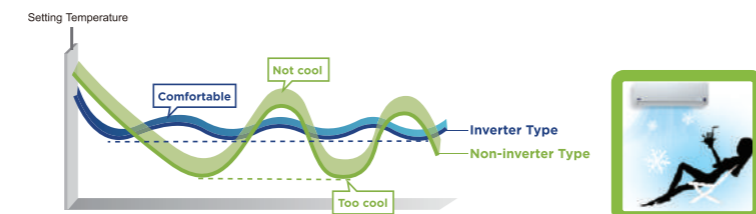
## More Powerful

Powerful Capacity, Quick Cooling & Heating  
Carrier Inverter air conditioners can operate their compressors faster to give them more powerful performance. This results in being able to attain the desired temperature much faster in both heating and cooling modes than conventional air conditioners.



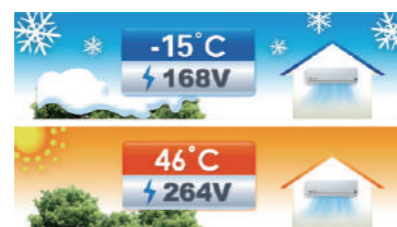
## More Comfortable

Precise Control, Constant Temperature  
After quickly reaching the set temperature, Carrier Inverter air conditioner finely adjusts output power to maintain a constant temperature with minimal fluctuation, and guarantees a pleasant, comfortable environment.



## More Reliable

Wide Startup Voltage & Operation Temperature  
With variable speed compressor, Carrier Inverter air conditioners can startup at 168-264 voltage and operate very well at -15°C ambient temperature.



# CAPACITY RANGE

Indoor Units		9K	12K	18K	
High wall		✓	✓	✓	
Ducted		✓	✓	✓	
Compact Cassette		✓	✓	✓	
Floor Console		✓	✓		
Floor & ceiling Console				✓	
Outdoor Units		18K	27K	36K	42K
1 drive 2		✓			
1 drive 3			✓		
1 drive 4				✓	
1 drive 5					✓



# OUTDOOR SPECIFICATION



Outdoor model			38QUS018DS2	38QUS027DS3	38QUS036DS4	38QUS042DS5
Power supply	Ph-V-Hz		1Ph- 220-240V~50Hz	1Ph- 220-240V~50Hz	1Ph- 220-240V~50Hz	1Ph- 220-240V~50Hz
Source of Power Supply			Outdoor	Outdoor	Outdoor	Outdoor
Performance (cooling)	Nominal Capacity	Btu/h	18000	27000	36000	42000
	Power Input	W	1900	2820	3600	3950
	Current	A	8.7	12.3	16.9	18.5
	EER	Btu/W	9.5	9.6	10.0	10.6
Max. input consumption		W	2300	3300	4900	4900
Max. input current		A	12.0	16.0	22.5	22.5
Outdoor unit	Dimension(W×D×H)	mm	800×333×554	845×363×702	946×410×810	946×410×810
	Packing(W×D×H)	mm	920×390×625	965×395×775	1090×500×885	1090×500×885
	Net/Gross weight	kg	37.5/40.5	55.2/58.2	68.0/73.0	76.0/81.0
Outdoor noise level (sound pressure)		dB(A)	57	61	60	60
Refrigerant type/Quantity	Type		R410A	R410A	R410A	R410A
	Charged volume	g	1700	2100	3000	3600
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ9.52(1/4"/3/8")*2	Φ6.35/Φ9.52(1/4"/3/8")*3	Φ6.35/Φ9.52(1/4"/3/8")*3 +Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ9.52(1/4"/3/8")*4 +Φ6.35/Φ12.7(1/4"/1/2")
Max. Length	Total length	m	40	60	50	60
	One indoor	m	25	30	30	30
Max. Elevation	Between indoor and outdoor	m	15	15	15	15
	Between indoor and indoor	m	10	10	10	10
Ambient temperature	Indoor	°C	17~32	17~32	17~32	17~32
	Outdoor	°C	0~50	0~50	0~50	0~50

# INDOOR SPECIFICATION - Hi-Wall



- European Design, smart display** Indoor unit curve design, hidden display, European style, simple and clean. Smart display indicate the operation status.
- Turbo Operation** With this function, the air conditioner will maximize the output of cooling capacity, make the room cool down rapidly, and attain the desired temperature in the shortest time.
- Auto Swing** Standard with up-down auto swing, distributes the air more even.
- Louver Position Memory** When you start the unit next time, the angle of horizontal louver will automatically move to the same position as you set last time.
- Wireless Remote Control:** standard provided.

Indoor model			42QHA009VSM	42QHA012VSM	42QHA018VSM	42QHA024VSM
Performance (cooling)	Nominal Capacity	Btu/h	9000	12000	18000	24000
Indoor unit	Dimension (W×D×H)	mm	805x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W×D×H)	mm	870*270*360	870x270x360	1035*305*380	1120x405x310
	Net/Gross weight	kg	7.6/9.7	7.6/9.7	10.0/13.0	12.3/15.8
Indoor noise level (Hi/Mi/Lo) (sound pressure)		dB(A)	39/34/27	41/36/28	42/37/29	45/42/36
Controller			Remote	Remote	Remote	Remote
Operation temperature		°C	17~30	17~30	17~30	17~30
piping	Liquid side/ Gas side	mm	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")

## INDOOR SPECIFICATION - Ducted



- Slim Design** Saving the installation space.
- Two Way Air Inlet** Air intake from the back or bottom, flexible for installation.
- Easy Maintenance** Easy access to the control board/ sensor / motor/ filter.
- Fresh Air Port:** reserved.
- Turbo Operation** With this function, the air conditioner will maximize the output of cooling capacity, make the room cool down rapidly, and attain the desired temperature in the shortest time.
- Wireless Remote Control:** standard provided.

Indoor model			42QSB009VS	42QSB012VS	42QSB018VSG
Performance (cooling)	Nominal Capacity	Btu/h	9000	12000	18000
Indoor unit	Dimension (W×D×H)	mm	700x450x200	700x450x200	880x674x210
	Packing (W×D×H)	mm	860x540x285	860x540x285	1070x725x270
	Net/Gross weight	kg	18.0/22.0	18.0/22.0	24.3/29.6
Indoor noise level (Hi/Mi/Lo) (sound pressure)		dB(A)	40/35/27	40/35/27	44/39/35
Controller			Remote	Remote	Remote
Operation temperature		°C	17~30	17~30	17~30
piping	Liquid side/ Gas side	mm	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")

## INDOOR SPECIFICATION - Cassette



- Easy Installation** Compact design, saving the installation space.
- Build-in Drain Pump** The drain pump can lift the condensing water up to 750mm upmost. It's convenient to install drainage piping under most space condition.
- 360° Air Flow** Ensure a uniform temperature distribution across the room without dead corners.
- Turbo Operation** With this function, the air conditioner will maximize the output of cooling capacity, make the room cool down rapidly, and attain the desired temperature in the shortest time.
- Louver Position Memory** When you start the unit next time, the angle of horizontal louver will automatically move to the same position as you set last time.
- Wireless Remote Control:** standard provided.
- Wired Control:** optional.

Indoor model			42QTD009VS	42QTD012VS	42QTD018VSG
Performance (cooling)	Nominal Capacity	Btu/h	9000	12000	18000
Indoor unit	Dimension (W×D×H)	mm	570×570×260	570×570×260	570×570×260
	Packing (W×D×H)	mm	662×662×317	662×662×317	662×662×317
	Net/Gross weight	kg	14.5/17.3	16.2/21.4	16.2/21.4
Indoor noise level (Hi/Mi/Lo) (sound pressure)		dB(A)	40/36/31	44/39/36	44/39/36
Controller			Remote	Remote	Remote
Operation temperature		°C	17~30	17~30	17~30
piping	Liquid side/ Gas side	mm	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")



## INDOOR SPECIFICATION – Floor Console



- **Compact Design** Compact design which can be installed on the floor or in low wall applications, perfect for under the window sills or in a low ceiling attic.
- **Two Air outlets, Four Air Inlets** Both top and bottom air outlets or top air outlet only, good for both cooling and heating.
- **Auto Swing** Standard with up-down auto swing, distributes the air more even.
- **Turbo Operation** With this function, the air conditioner will maximize the output of cooling capacity, make the room cool down rapidly, and attain the desired temperature in the shortest time.
- **Wireless Remote Control:** standard provided.
- **Wired Control:** optional.

Indoor model			42QZL009VS	42QZL012VS
Performance (cooling)	Nominal Capacity	Btu/h	9000	12000
Indoor unit	Dimension (W×D×H)	mm	700×600×210	700×600×210
	Packing (W×D×H)	mm	810×710×310	810×710×310
	Net/Gross weight	kg	14.8/19.0	14.8/19.0
Indoor noise level (Hi/Mi/Lo) (sound pressure)		dB(A)	44/42/36	44/42/36
Controller			Remote	Remote
Operation temperature		℃	17~30	17~30
piping	Liquid side/ Gas side	mm	Φ6.35/Φ	Φ6.35/Φ
			9.52(1/4"/3/8")	9.52(1/4"/3/8")

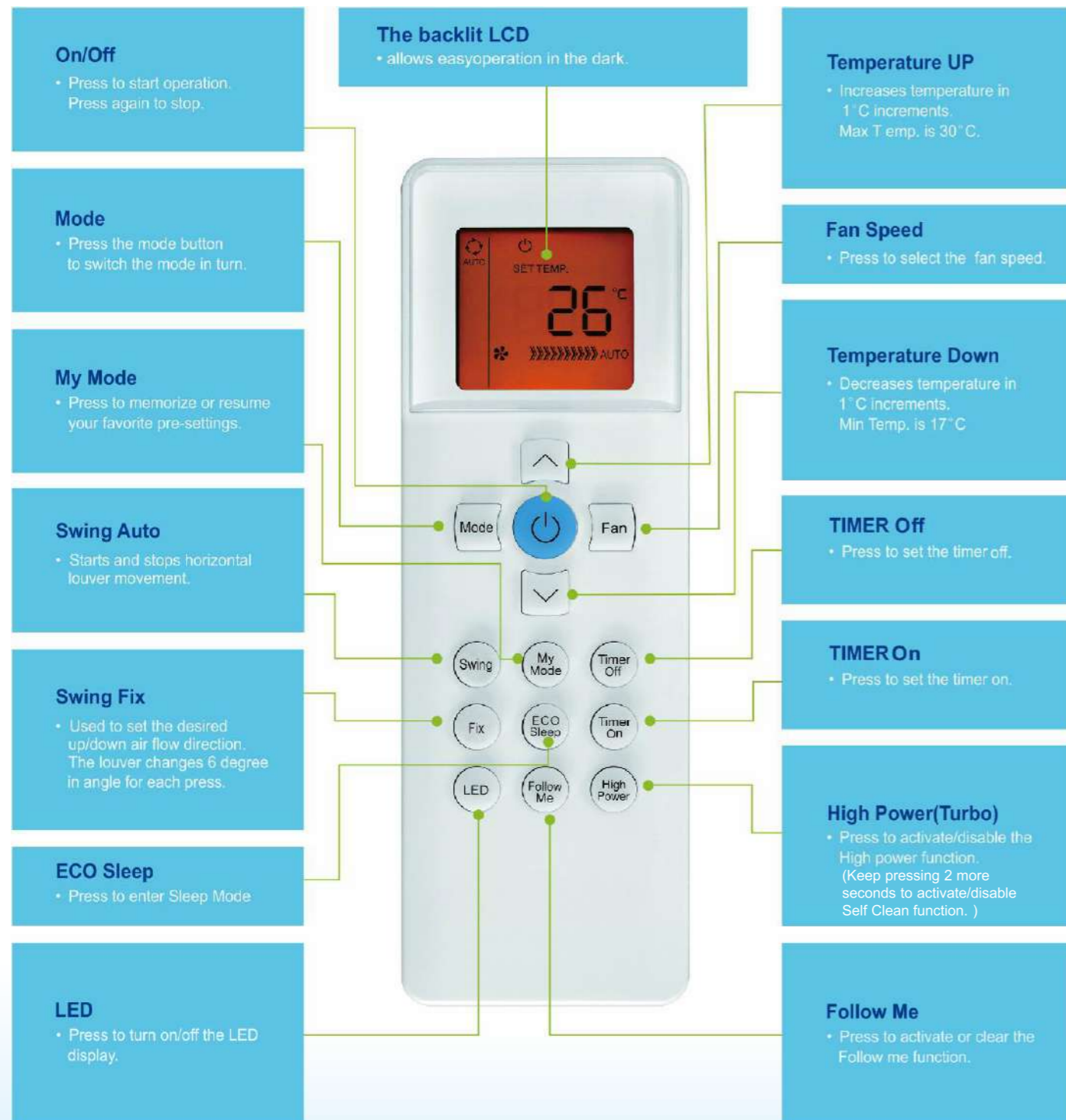
## INDOOR SPECIFICATION – Floor & Ceiling Console



- **Easy Installation** Can be under-ceiling or floor installation, left/right/back 3 sides piping, and left/right side drainage, flexible for installation.
- **4-way Auto Swing** Standard with up-down and left-right auto swing, distributes the air more even.
- **Turbo Operation** With this function, the air conditioner will maximize the output of cooling capacity, make the room cool down rapidly, and attain the desired temperature in the shortest time.
- **Fresh Air Port:** reserved.
- **Wireless Remote Control:** standard provided.
- **Wired Control:** optional.

Indoor model			42QZL018VSG
Performance (cooling)	Nominal Capacity	Btu/h	18000
Indoor unit	Dimension (W×D×H)	mm	1068x675x235
	Packing (W×D×H)	mm	1145x755x318
	Net/Gross weight	kg	28.0/33.0
Indoor noise level (Hi/Mi/Lo) (sound pressure)		dB(A)	43/39/35
Controller			Remote
Operation temperature		℃	17~30
piping	Liquid side/ Gas side	mm	Φ6.35/Φ
			12.7(1/4"/1/2")

# REMOTE CONTROLLER



**NOTE:**  
1. Above illustration shows all the features. For actual model, only the relevant parts are shown.  
2. Buttons design might be slightly different from the actual one.

# COMBINATION TABLE

## Multi DC inverter combination and capacity(18K 1 drive 2)

COOLING													
Comb.	Indoor Units	Combinations (x1000 Btu/h)			Rated Capacity (kW) (Nom. cooling)		Total Cooling Capacity(kW)			Total Power Input(kW)			EER (W/W)
		Unit A	Unit B	Unit C	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	
BI (1x1)	9	9	—	—	2.70	—	1.13	2.70	3.38	0.34	0.86	1.11	3.15
	12	12	—	—	3.46	—	1.45	3.46	4.33	0.44	1.11	1.43	3.12
	18	18	—	—	5.15	—	2.16	5.15	6.44	0.66	1.67	2.15	3.09
BI (1x2)	9+9	9	9	—	2.65	2.65	2.23	5.30	5.83	0.65	1.80	1.88	2.90
	9+12	9	12	—	2.47	2.99	2.29	5.46	5.90	0.66	1.67	1.87	3.26
	9+18	9	18	—	2.38	3.20	2.34	5.58	6.03	0.66	1.67	1.86	3.34
	12+12	12	12	—	2.76	2.76	2.32	5.52	5.96	0.66	1.68	1.87	3.30

## Multi DC inverter combination and capacity(27K 1 drive 3)

COOLING														
Comb.	Indoor Units	Combinations (x1000 Btu/h)			Rated Capacity (kW) (Nom. cooling)			Total Cooling Capacity(kW)			Total Power Input(kW)			EER (W/W)
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	
TRI (1x1)	9	9	—	—	2.77	—	—	1.16	2.77	3.46	0.59	0.98	1.27	2.82
	12	12	—	—	3.46	—	—	1.45	3.46	4.33	0.65	1.24	1.60	2.80
	18	18	—	—	5.35	—	—	2.25	5.35	6.69	0.77	1.92	2.50	2.78
TRI (1x2)	9+9	9	9	—	2.60	2.60	—	2.18	5.20	6.76	0.70	1.67	2.24	3.12
	9+12	9	12	—	2.57	3.43	—	2.52	6.00	7.50	0.82	1.95	2.52	3.08
	9+18	9	18	—	2.50	5.00	—	3.15	7.50	8.25	1.04	2.48	2.83	3.02
	12+12	12	12	—	3.23	3.23	—	2.71	6.45	7.80	0.89	2.11	2.64	3.05
	12+18	12	18	—	3.08	4.62	—	3.23	7.70	8.30	1.10	2.61	2.91	2.95
	18+18	18	18	—	4.03	4.03	—	3.39	8.06	8.35	1.06	2.52	2.69	3.20
TRI (1x3)	9+9+9	9	9	9	2.64	2.64	2.64	3.32	7.90	8.30	1.19	2.45	3.07	3.20
	9+9+12	9	9	12	2.39	2.39	3.18	3.34	7.95	8.35	1.03	2.45	2.65	3.25
	9+9+18	9	9	18	2.32	2.32	3.56	3.44	8.20	8.46	1.06	2.52	2.68	3.26
	9+12+12	9	12	12	2.25	2.90	2.90	3.38	8.05	8.37	1.02	2.44	2.62	3.30
	9+12+18	9	12	18	2.18	2.80	3.27	3.47	8.25	8.46	1.04	2.48	2.66	3.32
	12+12+12	12	12	12	2.74	2.74	2.74	3.45	8.21	8.46	1.05	2.50	2.66	3.28



# COMBINATION TABLE

Multi DC inverter combination and capacity(36K 1 drive 4)

COOLING																	
Comb.	Indoor Units	Combinations (x1000 Btu/h)				Rated Capacity (kW) (Nom. cooling)				Total Cooling Capacity(kW)			Total Power Input(kW)			EER (W/W)	
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.		
QUA (1x1)	9	9	—	—	—	2.70	—	—	—	1.11	2.70	3.27	0.78	1.17	1.49	2.30	
	12	12	—	—	—	3.46	—	—	—	1.42	3.46	4.19	0.99	1.57	2.00	2.20	
	18	18	—	—	—	5.84	—	—	—	2.39	5.84	7.07	1.64	2.72	3.45	2.15	
	24	24	—	—	—	7.40	—	—	—	3.11	7.40	8.50	1.78	3.49	4.21	2.12	
QUA (1x2)	9+9	9	9	—	—	2.92	2.92	—	—	2.39	5.84	7.07	0.98	2.43	3.07	2.40	
	9+12	9	12	—	—	2.62	3.22	—	—	2.39	5.84	7.07	0.98	2.51	3.17	2.33	
	9+18	9	18	—	—	2.68	5.47	—	—	3.34	8.15	9.86	1.25	3.57	4.52	2.28	
	9+24	9	24	—	—	2.60	7.10	—	—	3.98	9.70	11.64	1.57	4.35	5.46	2.23	
	12+12	12	12	—	—	3.14	3.14	—	—	2.57	6.28	7.60	1.03	2.73	3.45	2.30	
	12+18	12	18	—	—	3.07	5.08	—	—	3.34	8.15	9.86	1.25	3.64	4.61	2.24	
	12+24	12	24	—	—	2.96	7.24	—	—	4.18	10.20	12.24	1.85	4.64	5.83	2.20	
	18+18	18	18	—	—	5.25	4.85	—	—	4.31	10.10	12.71	1.45	4.59	6.05	2.20	
QUA (1x3)	9+9+9	9	9	9	—	2.72	2.72	2.72	—	3.34	8.15	9.86	1.25	3.33	4.18	2.45	
	9+9+12	9	9	12	—	2.62	2.62	2.91	—	3.34	8.15	9.86	1.25	3.41	4.29	2.39	
	9+9+18	9	9	18	—	2.55	2.55	5.40	—	4.31	10.50	12.71	1.45	4.45	5.60	2.36	
	9+9+24	9	9	24	—	2.50	2.50	5.80	—	4.43	10.80	12.96	1.68	4.66	5.81	2.32	
	9+12+12	9	12	12	—	2.82	3.47	3.47	—	4.00	9.75	11.80	1.42	4.06	5.11	2.40	
	9+12+18	9	12	18	—	2.63	3.20	4.16	—	3.73	9.99	11.00	1.25	4.31	4.93	2.32	
	9+12+24	9	12	24	—	2.58	3.00	6.22	—	4.84	11.80	13.80	1.55	5.18	6.30	2.28	
	9+18+18	9	18	18	—	2.33	4.75	4.75	—	4.85	11.84	13.80	1.60	5.33	6.48	2.22	
	12+12+12	12	12	12	—	3.25	3.25	3.25	—	4.00	9.75	11.80	1.42	4.11	5.18	2.37	
	12+12+18	12	12	18	—	3.20	3.20	4.65	—	4.53	11.05	13.37	1.54	4.80	6.05	2.30	
12+12+24	12	12	24	—	3.00	3.00	5.90	—	4.88	11.90	13.80	1.59	5.29	6.39	2.25		
12+18+18	12	18	18	—	2.75	4.55	4.55	—	4.85	11.84	13.80	1.60	5.36	6.51	2.21		
QUA (1x4)	9+9+9+9	9	9	9	9	2.64	2.64	2.64	2.58	7.39	10.50	13.73	3.56	3.65	4.93	2.88	
	9+9+9+12	9	9	9	12	2.50	2.50	2.50	3.50	7.70	11.00	13.80	2.15	4.00	5.19	2.75	
	9+9+9+18	9	9	9	18	2.50	2.50	2.50	5.00	8.75	12.50	13.80	2.44	4.42	5.04	2.83	
	9+9+12+12	9	9	12	12	2.50	2.50	3.50	3.50	8.40	12.00	13.80	2.35	4.30	5.11	2.79	
	9+9+12+18	9	9	12	18	2.30	2.30	3.30	4.90	8.68	12.80	13.80	2.63	4.49	5.00	2.85	
	9+12+12+12	9	12	12	12	2.30	2.30	3.50	3.50	8.12	11.60	13.80	2.27	4.13	5.07	2.81	
	9+12+12+18	9	12	12	18	2.30	3.30	3.30	4.50	9.38	13.40	13.80	2.84	4.72	5.02	2.84	
	12+12+12+12	12	12	12	12	3.30	3.30	3.30	3.30	8.68	13.20	13.80	2.63	4.60	4.96	2.87	
	12+12+12+18	12	12	12	18	3.10	3.10	3.10	4.10	9.38	13.40	13.80	2.82	4.70	5.00	2.85	

# COMBINATION TABLE

Multi DC inverter combination and capacity(42K 1 drive 5)

COOLING																		
Comb.	Indoor Units	Combinations (x1000 Btu/h)					Rated Capacity (kW) (Nom. cooling)					Total Cooling Capacity(kW)			Total Power Input(kW)			EER (W/W)
		Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	
Quin-tuple (1x1)	9	9	—	—	—	—	2.77	—	—	—	—	1.16	2.77	3.32	0.54	0.98	1.22	2.82
	12	12	—	—	—	—	3.46	—	—	—	—	1.45	3.46	4.15	0.62	1.24	1.55	2.78
	18	18	—	—	—	—	5.35	—	—	—	—	2.25	5.35	6.42	0.78	1.95	2.42	2.75
	24	24	—	—	—	—	7.03	—	—	—	—	2.95	7.03	8.44	1.04	2.60	3.24	2.70
Quin-tuple (1x2)	9+9	9	9	—	—	—	2.45	2.45	—	—	—	2.06	4.91	5.80	0.67	1.67	2.09	2.93
	9+12	9	12	—	—	—	2.40	2.96	—	—	—	2.25	5.36	6.30	0.74	1.85	2.29	2.90
	9+18	9	18	—	—	—	2.28	4.66	—	—	—	2.92	6.94	8.05	0.97	2.44	2.98	2.85
	9+24	9	24	—	—	—	2.23	6.00	—	—	—	3.45	8.22	9.47	1.17	2.94	3.57	2.80
	12+12	12	12	—	—	—	2.91	2.91	—	—	—	2.44	5.81	6.80	0.82	2.05	2.54	2.83
	12+18	12	18	—	—	—	2.78	4.61	—	—	—	3.11	7.39	8.55	1.05	2.62	3.20	2.82
	12+24	12	24	—	—	—	2.72	5.95	—	—	—	3.64	8.68	9.97	1.25	3.12	3.79	2.78
	18+18	18	18	—	—	—	4.49	4.49	—	—	—	3.77	8.98	10.30	1.32	3.30	4.01	2.72
	9+9+9	9	9	9	—	—	2.48	2.48	2.48	—	—	3.12	7.43	8.55	1.00	2.49	3.08	2.98
	9+9+12	9	9	12	—	—	2.45	2.45	3.01	—	—	3.32	7.91	9.07	1.07	2.66	3.27	2.97
Quin-tuple (1x3)	9+9+18	9	9	18	—	—	2.37	2.37	4.84	—	—	4.02	9.58	10.88	1.32	3.30	4.03	2.90
	9+9+24	9	9	24	—	—	2.33	2.33	6.27	—	—	4.59	10.94	12.34	1.53	3.84	4.66	2.85
	9+12+12	9	12	12	—	—	2.42	2.98	2.98	—	—	3.52	8.39	9.58	1.14	2.84	3.48	2.95
	9+12+18	9	12	18	—	—	2.36	2.90	4.80	—	—	4.23	10.06	11.39	1.37	3.43	4.17	2.93
	9+12+24	9	12	24	—	—	2.32	2.85	6.24	—	—	4.79	11.41	12.86	1.59	3.98	4.81	2.87
	9+18+18	9	18	18	—	—	2.31	4.71	4.71	—	—	4.93	11.73	13.20	1.68	4.19	5.08	2.80
	12+12+12	12	12	12	—	—	2.96	2.96	2.96	—	—	3.72	8.87	10.10	1.19	2.98	3.63	2.98
	12+12+18	12	12	18	—	—	2.88	2.88	4.77	—	—	4.43	10.54	11.91	1.43	3.57	4.33	2.95
	12+12+24	12	12	24	—	—	2.83	2.83	6.19	—	—	4.97	11.84	13.26	1.69	4.23	5.10	2.80
	12+18+18	12	18	18	—	—	2.80	4.63	4.63	—	—	5.06	12.06	13.39	1.73	4.34	5.19	2.78



# COMBINATION TABLE

## Multi DC inverter combination and capacity(42K 1 drive 5)

COOLING																		
Comb.	Indoor Units	Combinations (x1000 Btu/h)					Rated Capacity (kW) (Nom. cooling)					Total Cooling Capacity(kW)			Total Power Input(kW)			EER (W/W)
		Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	
Quin-tuple (1x4)	9+9+9+9	9	9	9	9	—	2.47	2.47	2.47	2.47	—	4.15	9.89	11.35	1.29	3.22	4.03	3.07
	9+9+9+12	9	9	9	12	—	2.45	2.45	2.45	3.01	—	4.35	10.36	11.89	1.35	3.39	4.23	3.06
	9+9+9+18	9	9	9	18	—	2.38	2.38	2.38	4.86	—	5.05	12.02	13.78	1.59	3.97	4.96	3.03
	9+9+9+24	9	9	9	24	—	2.26	2.26	2.26	6.09	—	5.40	12.87	14.04	1.77	4.44	5.30	2.90
	9+9+12+12	9	9	12	12	—	2.43	2.43	2.99	2.99	—	4.55	10.83	12.43	1.41	3.53	4.41	3.07
	9+9+12+18	9	9	12	18	—	2.34	2.34	2.88	4.76	—	5.17	12.32	13.87	1.63	4.08	5.01	3.02
	9+9+12+24	9	9	12	24	—	2.22	2.22	2.74	5.99	—	5.53	13.17	14.13	1.83	4.57	5.37	2.88
	9+12+12+12	9	12	12	12	—	2.41	2.97	2.97	2.97	—	4.75	11.31	12.97	1.49	3.73	4.66	3.03
	9+12+12+18	9	12	12	18	—	2.29	2.82	2.82	4.68	—	5.30	12.62	13.96	1.73	4.32	5.23	2.92
	12+12+12+12	12	12	12	12	—	2.94	2.94	2.94	2.94	—	4.95	11.78	13.51	1.57	3.91	4.89	3.01
12+12+12+18	12	12	12	18	—	2.77	2.77	2.77	4.59	—	5.43	12.92	14.05	1.78	4.45	5.30	2.90	
Quin-tuple (1x5)	9+9+9+9+9	9	9	9	9	9	2.46	2.46	2.46	2.46	2.65	5.25	12.50	14.40	1.62	4.05	5.36	3.09
	9+9+9+9+12	9	9	9	9	12	2.42	2.42	2.42	2.42	2.98	5.31	12.64	14.44	1.64	4.10	5.37	3.09
	9+9+9+9+18	9	9	9	9	18	2.29	2.29	2.29	2.29	4.66	5.80	13.81	14.56	1.70	4.25	5.11	3.25
	9+9+9+12+12	9	9	9	12	12	2.38	2.38	2.38	2.92	2.92	5.45	12.98	14.47	1.59	3.98	5.06	3.26
	9+9+9+12+18	9	9	9	12	18	2.26	2.26	2.26	2.78	4.60	5.94	14.15	14.60	1.72	4.30	5.05	3.29
	9+9+12+12+12	9	9	12	12	12	2.34	2.34	2.88	2.88	3.07	5.67	13.50	14.51	1.66	4.14	5.07	3.26
	9+12+12+12+12	9	12	12	12	12	2.30	2.84	2.84	2.84	2.84	5.73	13.65	14.54	1.66	4.16	5.05	3.28
	9+12+12+12+18	9	12	12	12	18	2.25	2.75	2.75	2.75	3.70	5.96	14.20	14.60	1.73	4.33	5.07	3.28
	12+12+12+12+12	12	12	12	12	12	2.83	2.83	2.83	2.83	2.83	5.94	14.15	14.60	1.73	4.31	5.07	3.28