MULTI SPLIT SYSTEMS

7 YEAR WARRANTY
INCLUDES PARTS & LABOUR



Carrier

relax, it's cool

INVENTOR OF MODERN AIR CONDITIONING

WHAT'S MULTI-SPLIT SYSTEM?

The multi-split system consists of 1 outdoor unit and multiple units connected individually. It allows installation of the best-fit indoor units to different spaces, according to the requirement. Compared to a single-split unit, it offers advantages in terms of cost, installation and flexibility.

FULL DC INVERTER

The Carrier Inverter AC can save up to 40% energy consumption and create the best sense of comfort.
The innovative inverter algorithm is the core of Inverter technology. It enables the chip to accurately instruct the inverter compressor and DC fan motor of all indoor units for best overall performance. This technology realises in-time signal receiving, accurate data processing, anticipating and prompt transmission of instructions to the whole unit.

Signal Receiving

Data Processing

Instruction Transmitting

FLEXIBLE SOLUTIONS BY CARRIER





DUCT
Comfort year-round. Ideal for bedroom applications.





HI-WALL
New stylish, contemporary design offering freshness to any room.





COMPACT CASSETTE
Enabling flexible installations, the compact design blends well with any room interior.



OUTDOOR UNITS
Compact units combining high efficiency and low operating noise.

FLEXIBLE RANGE

Whether you are looking to cool a small bedroom or a large living space, the range of Carrier's residential air conditioning solutions are suitable for all areas of your home. From wall mounted split systems to cassette or bulk heads, Carrier multi split system has a wide variety of heating and cooling solutions to suit your requirements.

Specifically designed for applications where space is key, the 3-room to 6-room systems are perfect for apartments and small homes. Despite its compact size, there is no compromise on efficiency.

Carrier R32 REFRIGERANT



NEW INDOOR LINE-UP



QAF
Hi-Wall

STYLISH AND CONTEMPORARY DESIGN.

- Feature packed for optimum comfort
- Comes with IR remote controller
- Follow Me Function
- Anti Dust Filter
- Turbo Mode
- Wi-Fi Ready
- UV Lamp Filter



QSV
Bulk Head

EFFICIENT AND APPLICABLE FOR MULTIPLE APPLICATIONS

- Reliable and flexible solution for concealed installation
- Comes with wired remote controller
- W-Fi Ready
- Turbo Mode
- Constant Air Volume
- Built-In Drain Pump



QTD
Cassette

COMPACT DESIGN AND FLEXIBLE INSTALLATION

- Stylish and contemporary design
- Comes with IR remote controller
- Louvre Position Memory
- Golden Fin Protection
- Turbo Mode
- W-Fi Option with wired controller

SYSTEM COMBINATION PATTERNS

	MULTI SPLIT INDOOR UNITS						
Indoor Units sizes	020	026	035	050	060	070	080
Indoor Units cooling capacity	2.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	7.0 kW	8.0 kW
High Wall - QAF **42QAF_N8**	●	●	●	●	●	●	●
Bulk Head **42QSV_N8**	●	●	●	●			
Compact Cassette **42QTD_D8S**	●	●	●	●			

● Indoor units available sizes

	MULTI SPLIT OUTDOORS						
Indoor Units sizes	020	026	035	050	060	070	080
Indoor units cooling capacity	2.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	7.0 kW	8.0 kW
3 Rooms **38QUM071D8S3** CDU Cooling capacity: 7.2 kW	●	●	●	●			
4 Rooms **38QUM080D8S4-1** CDU Cooling capacity: 8.1 kW	●	●	●	●	●	●	
5 Rooms **38QUM110D8S5** CDU Cooling capacity: 10.70 kW	●	●	●	●	●	●	
5 Rooms **38QUM135D8S5** CDU Cooling capacity: 13.5 kW	●	●	●	●	●	●	
6 Rooms **38QUM170D8S5** CDU Cooling capacity: 17.0 kW	●	●	●	●	●	●	●

● Indoor units sizes compatibility with outdoor units

CONTROL SYSTEM



RG10U

- IR Controller
- Follow Me
- Weekly Timer
- Louvre Control (Cassette)



KJR-120N

- ECO Gear
- Breeze Away
- Swing Control
- Active Clean
- Turbo Mode



CCM30

- Controls up to 64 FCU
- Synchronized Control

CARRIER COMFORT CONNECT

Take control of your climate remotely through the Wi-Fi Ready App on your smartphone. With just a simple swipe, you will be able to turn the air conditioner on/off and select the appropriate mode and temperature. Set weekly timers using the smartphone App.



UP TO 130% HIGH COMBINATION RATE

Carrier Multi-Split system provides cooling and heating similar to a single split system, in an energy efficient way. In Carrier Multi, maximum combination can go up to 130% which helps to save both cost and space.



Carrier 8kW CDU with upto 4 FCU Combination

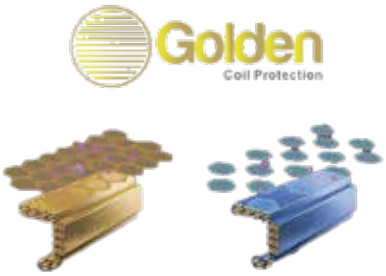


Carrier 10kW CDU with upto 5 FCU Combination

GOLDEN FIN PROTECTION

The indoor unit and outdoor unit of inverter Multi-split have the golden fin protection. The unique hydrophilic golden coating on the heat ex-changers can help ODU withstand salty air, rain and other corrosive elements and prevents IDU from mould and bacteria. It also effectively improves the system's efficiency.





CHECKPOINT BUTTON

Press this button to check current operational parameters while the unit is running.

STATUS AND ERROR DISPLAY

Display shows the error or status codes to indicate the working condition. It allows to check the maintenance book to find the codes explanation and the cause of problem without the need to check the full system.

PORTABLE DEBUGGER (optional)

The portable debugger device is able to connect with PCB of ODU to display the operational parameters in real time, such as frequency, voltage and temperature which is helpful for technicians to check and maintenance.

CDU SPECIFICATIONS



INDOOR UNIT		3-Room Multi Split 38QUM071D8S3	4-Room Multi Split 38QUM080D8S4-1	5-Room Multi Split 38QUM110D8S5	5-Room Multi Split 38QUM135D8S5	6-Room Multi Split 38QUM170D8S5
Rated Cooling Capacity	kW	7.20	8.00	11.00	13.5	17.0
Rated Heating Capacity	kW	7.40	9.00	12.00	13.5	19.49
AEER	W/W	3.58	3.32	3.46	3.30	3.24
ACOP	W/W	4.48	3.88	4.24	3.70	3.54
Dimensions [H x W x D]	mm	673 x 890 x 342	810 x 946 x 410	975 x 980 x 415	975 x 980 x 415	1333 x 952 x 415
Net Weight	Kg	48.1	61	91	91	110.6
Maximum Pipe Length Total	m	60	80	80	80	80
Maximum Height per unit	m	15	15	15	15	15
Pre-Charged Length	m	30	40	50	50	60
Operating Range	°c C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	°c H	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Sound Pressure	dBA	60	61	62	63	64
Max Current	A	17.5	19	30	30	33
Power Supply	V / Ph / Hz	1Ph / 220-240V / 50Hz	1Ph / 220-240V / 50Hz	1Ph / 220-240V / 50Hz	1Ph / 220-240V / 50Hz	1Ph / 220-240V / 50Hz

HI-WALL QAF



FEATURES

- Anti Dust Filter
- Gold-catalyst Filter
- 1-100% Stepless Comfort
- Golden Fin Protection
- Daily Timer
- Follow Me
- UV Lamp Filter
- Wi-Fi Ready

INDOOR UNIT		42QAF020N8	42QAF026N8	42QAF035N8	42QAF050N8	42QAF070N8	42QAF080N8
Rated Cooling Capacity	kW	2.00	2.50	3.50	5.00	7.00	7.65
Rated Heating Capacity	kW	2.37	2.80	4.00	5.54	7.50	8.20
Dimensions [H x W x D]	mm	292 x 729 x 200	295 x 802 x 200	295 x 802 x 200	321 x 971 x 228	337 x 1082 x 234	337 x 1082 x 234
Net Weight	Kg	7.9	8.6	8.6	11.0	13.2	13.2
Airflow Min	l/s	75	83	86	138	140	140
Airflow Max		128	139	147	222	293	293
Liquid Pipe Size	mm	6.35	6.35	6.35	6.35	6.35	6.35
Gas Pipe Size		9.52	9.52	9.52	12.70	15.90	15.90

COMPACT CASSETTE QTD

FEATURES

- Cool Surround 360°
- Louver Position Memory
- Air Share Outlet
- Error Alarm Port
- Golden Fin Protection
- IR Controller Included (RG-10U)
- Wired Controller (Optional)
- Wi-Fi Option



Panel Model Number: 40CAS-S5

INDOOR UNIT		42QTD020D8S	42QTD026D8S	42QTD035D8S	42QTD053D8S
Rated Cooling Capacity	kW	2.05	2.64	3.52	5.28
Rated Heating Capacity	kW	2.34	2.93	3.80	5.56
Dimensions w/o panel [H x W x D]	mm	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570
Net Weight	Kg	14.6	14.6	16.1	16.2
Airflow Min	l/s	83	83	83	83
Airflow Max		161	161	172	183
Liquid Pipe Size	mm	6.35	6.35	6.35	6.35
Gas Pipe Size		9.52	9.52	9.52	12.70

BULK HEAD QSV



FEATURES

- Auto AFV Match
- Concealed Installation
- Flexible Air Intake
- Error Alarm Port
- Golden Fin Protection
- Timer Function
- Wired Controller Included
- Wi-Fi Ready

INDOOR UNIT		42QSV020N8	42QSV026N8	42QSV035N8	42QSV050N8
Rated Cooling Capacity	kW	2.05	2.64	3.52	5.28
Rated Heating Capacity	kW	2.34	2.93	3.80	5.56
Dimensions [H x W x D]	mm	200 x 700 x 506	200 x 700 x 506	200 x 700 x 506	245 x 700 x 750
Net Weight	Kg	16.6	16.6	16.6	24.4
Airflow Min	l/s	125	125	130	180
Airflow Max		172	172	183	250
Static Pressure	Pa	0-80	0-80	0-100	0-160
Liquid Pipe Size	mm	6.35	6.35	6.35	6.35
Gas Pipe Size		9.52	9.52	9.52	12.70

Carrier Inverter Multi Air Conditioners

AHIC is committed to continuously improving its product to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

Product specifications in this brochure are only indicative and are subject to change. These are not intended to be used in place of the engineering or installation book.

All features and specifications are subject to change without prior notice.

All images provided in this catalogue are used for illustration purposes only.

Cooling and heating capacities mentioned for the products are nominal capacities at standard operation conditions.

7-Year warranty on residential applications only.

Equipment rates in accordance with MEPS 3823.2-2011 E&OE



MEPS COMPLIANT
MINIMUM ENERGY PERFORMANCE STANDARDS

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