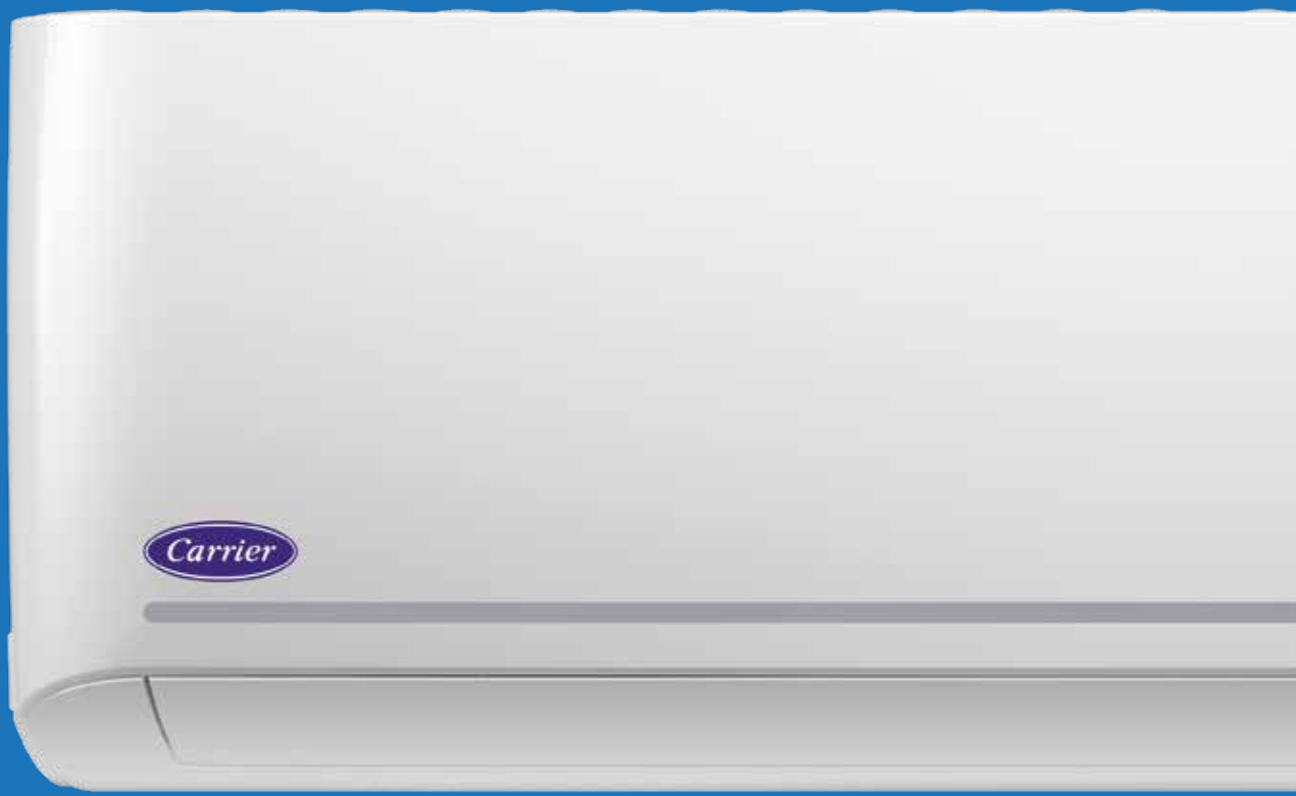
R32 Carrier Product Guide Air Conditioning

refrigeration wholesale
a BEIJER REF company



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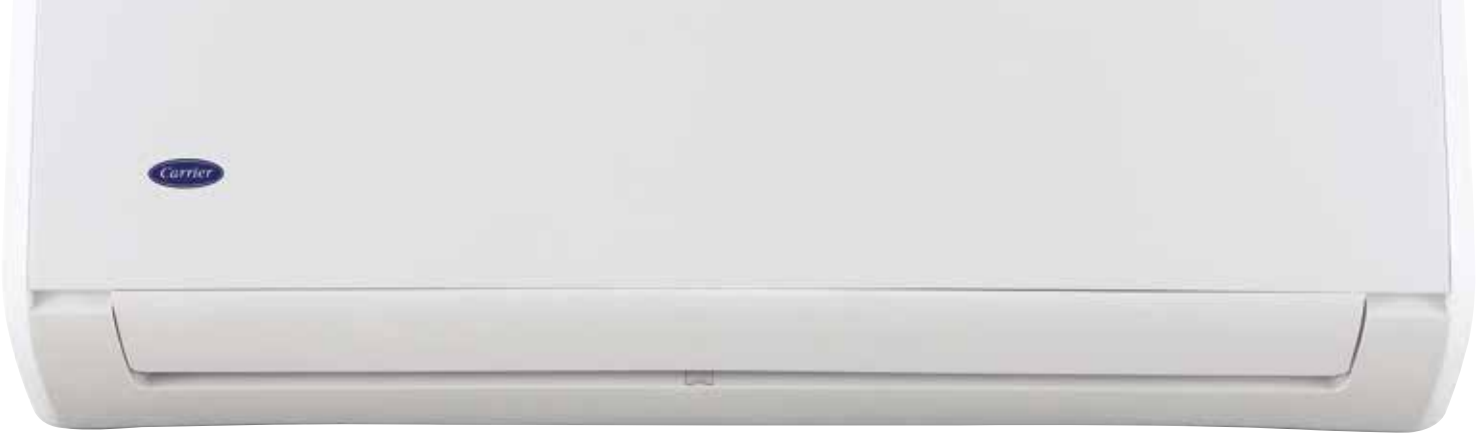
Carrier

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EFFICIENCY, QUALITY AND RELIABILITY

R32 REFRIGERANT

Carrier Air Conditioning has completely adapted the entire Home and Light Commercial Solutions range to R32 gas, guaranteeing not only **better performance** but also a **reduction in environmental impact**. In fact, R32 gas is a refrigerant which can potentially reduce ozone (ORP) to zero and has a GWP (global warming potential) of 675, approximately 1/3 of the GWP of R410A gas.

Moreover, using R32 gas reduces the refrigerant load by 15% compared with R410A gas, increasing the efficiency of the products in both cooling and heating modes. Since R32 gas is a pure gas (not mixed), product installation is simplified.

REFRIGERANT	ORP	GWP	Load volume R22 = 100%	CO2 Emissions R22 = 100%
R410A	0	2088	84	97
R32	0	675	60	22

EUROVENT CERTIFIED PERFORMANCE

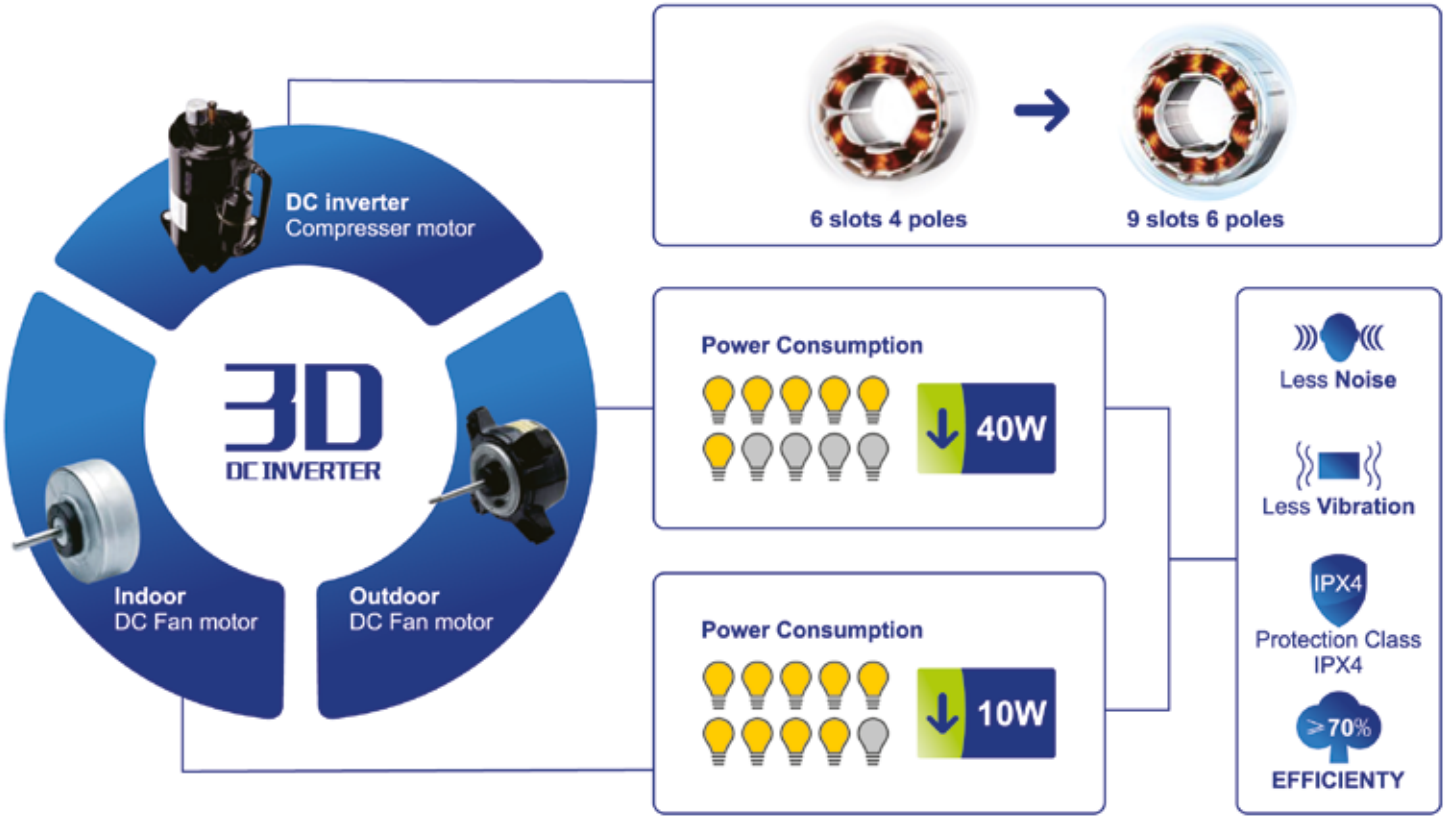
Carrier Air Conditioning is a member of the **EUROVENT** certification program which, following accredited and independent controls, ensures that the products comply with the regulations in force and the accuracy of the performance data published by the company. The certified models and related data are available at: **www.eurovent-certification.com**

3D DC INVERTER TECHNOLOGY

Carrier Inverter air conditioners can make compressors work quicker, to offer **higher performance**.

This translates into the possibility of reaching the desired temperature much quicker than conventional air conditioners, in both heating mode and cooling mode. Up to 4 times quicker!

After quickly reaching the set temperature, the Carrier Inverter air conditioner regulates the outgoing power to maintain a constant temperature with minimal oscillation, and guarantees a pleasant and comfortable environment.

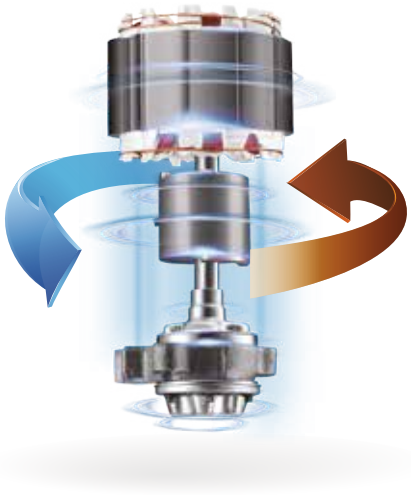


INVERTER TWIN-ROTARY DC COMPRESSOR

The compressor supports a high-pressure refrigerant. The high efficiency is also evident at low speeds. It can reduce energy consumption when used for long periods.

The two rotors are perfectly balanced, minimising friction and providing exceptionally high performance without vibrations.

The optimised design of the **Twin-Rotary DC compressor**, which uses 9-slot/6-pole motor winding, allows for a 75% reduction in the level of vibrations compared with traditional rotary motors.



KEY TO SYMBOLS

SAVINGS

ENERGY CLASS
This represents the SEER and SCOP values that define the relevant class, which are described on the Energy Efficiency Classification label.

ECO MODE
The air conditioner is equipped with X-ECO technology for energy saving, which reduces consumption by up to 60% over 8 hours compared with traditional air conditioners.

RESTART FUNCTION
In the event of a temporary interruption in the power supply, the air conditioner restarts automatically when the power supply returns.

1W STANDBY
In standby mode, the air conditioner consumes just 1 watt of energy.

AUTO DEFROSTING
For intelligent defrosting only when necessary, this increases efficiency while heating and energy savings.

TECHNOLOGIES

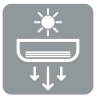
LED DISPLAY
The electronic controls make it possible to set all dehumidifying functions and select all functions with ease.

AUTO-DIAGNOSIS
The control system automatically checks the function status and displays any fault code on the indoor unit display.

TWO WAY DRAINING
Both sides of the indoor unit allow for an easy-to-install drainage pipe to be connected.

LOUVER POSITION MEMORY
When the unit is restarted after being turned off, the deflector will return to the direction originally set by the user.

REPORTING REFRIGERANT LEAKS
Active in cooling mode only. The refrigerant leak reporting function can better prevent the compressor from being damaged due to refrigerant leaks of overloading.



COLD AIR PREVENTION
In heating mode, the indoor unit's fan does not start until the exchanger is sufficiently hot.

LOW AMBIENT HEATING
The advanced inverter technology makes it possible to resist the most extreme atmospheric conditions. You can even feel comfortable and heat the air when the outside temperature is -25 °C.

LOW AMBIENT COOLING
The indoor unit heats up easily and ensures that the unit turns on / off frequently in specific environments where the cooling function is also necessary in winter. With the low ambient cooling function, the speed of the outdoor fan can be changed based on the temperature of the condenser and the air conditioner can function with no problem at temperatures of down to -10°C.

RESTART AT 8°C
In heating mode, the air conditioner's pre-set temperature can be lower than 8°C. This function keeps the ambient temperature constant at 8°C and prevents the home environment from freezing when not occupied for long periods in tough weather conditions. This function can be saved in case of a lack of power.

POWERFUL DEHUMIDIFICATION
In cold/hot mode, the compressor and fan stop automatically when the ambient temperature is lower/ higher. This can be activated with the ON button.

WEEKLY TIMER
Set the air conditioner's timers to different ON and OFF settings for each day of the week.

24H TIMER
This allows users to programme when the air conditioner turns on and/or off on a daily basis.

COMFORT

MUTE FUNCTION
This guarantees a silent and comfortable night by deactivating the air conditioner's sound signals and display.

AUTO SWING
This is to continually regulate the horizontal deflector's direction, which allows for an optimal airflow distribution throughout the space.

SLEEP MODE
In addition to the optimised sleep patterns projected for elderly users, children and young people, it is possible to regulate the temperature curve based on personal preferences in order to ensure a comfortable night's sleep.

FOLLOW ME
With this function, the ambient temperature sensor incorporated into the remote control is activated, and replaces the sensor in the indoor unit. The air conditioner will therefore regulate the temperature of the room based on the temperature around the remote control, just as if the air conditioner is following the user.

ANTI-COLD AIR
In heating mode, the indoor unit's ventilation will start every 2 minutes so as to allow the heat exchanger to reach a certain temperature and avoid cold air flows in the space.

TURBO MODE
This allows users to rapidly cool or heat the space.

WI-FI FOR THE HOME RANGE

Download the app **Carrier Wi-Fi control** from the Google Play Store and the App Store

Carrier Wi-Fi control is the Carrier Air Conditioning application, **compatible with all smart Wi-Fi devices** and accessible from open cloud services.

- Simple-to-control Air Conditioner: Comfort, Efficiency and Consumption
- Special Functions for users through interactive indoor units
- In-app remote control: set the desired temperature and regulate any anomalies
- Manage your comfort at home with temperature control for every environment
- Programme when the air conditioner turns on and off with the easy-to-use timer
- Check your monthly energy consumption

SLEEP MODE

This function allows users to regulate temperature based on personal preferences, ensuring a comfortable night's sleep for all the family.

WEEKLY TIMER

Set the air conditioner's timers to different ON and OFF settings for each day of the week; this function also allows users to repeat the weekly programme.

HOME SOLUTIONS

HOME SOLUTIONS _ **MONO SYSTEMS**

HOME SOLUTIONS _ **MULTI SYSTEMS**

WALLMOUNT
42QHC/38QHC-D8S

EUROVENT CERTIFIED PERFORMANCE

Energy saving

- Super Saving Inverter
- **Eco Mode**: the air conditioner is equipped with energy-saving **X-ECO technology** which reduces consumption by up to 60% over 8 hours compared with traditional air conditioners
- Interactive Display
- **Fan Speed:** 12 possible internal fan speed levels and 5 external fan speed levels, ensuring more regular control and a more comfortable air flow
- **Special I-Remote Control**: this manages up to 6 favourite settings and displays error codes

ENERGY CLASS · ULTRA-QUIET · AUTO-DIAGNOSIS SYSTEM · ECO MODE · AUTO SWING · R32

FOLLOW ME · WEEKLY TIMER · TURBO MODE · RESTART AT 8°C · LOUVER POSITION MEMORY · REFRIGERANT LEAK DETECTION

SLEEP MODE · 1W STANDBY · AUTO DEFROSTING · TWO WAY DRAINING

Included RG67V

Optional KJR-120G1

SYSTEM		WALL 2.5kW	WALL 3.5kW	WALL 5kW	WALL 6kW
Cooling Capacity	kW	2.70 (1.1-3.6)	3.23 (1.1-3.9)	5.28 (2.3-5.7)	6.50 (2.8-8.1)
Heating Capacity	kW	3.00 (1.0-3.9)	3.50 (1.0-4.2)	5.50 (2.2-5.8)	6.80 (2.8-9.2)
Heating Capacity to -7 °C	kW	2.9	3.0	3.8	6.3
Heating Capacity to -15 °C	kW	2.5	2.6	3.2	5.8
Heating Capacity to -20 °C	kW	2.0	2.0	2.8	5.0
Theoretical Thermal Load (PdesignC)	kW	2.70	3.23	5.28	6.50
Theoretical Thermal Load (Pdesignh) warm season	kW	3.00	3.50	5.40	6.40
Theoretical Thermal Load (Pdesignh) mid-season	kW	2.50	3.00	4.10	5.20
Operating Range (Cooling)	°C	-15~46	-15~46	-15~46	-15~46
Operating Range (Heating)	°C	-15~24	-15~24	-15~24	-15~24
SEER / SCOP (warm season) / SCOP (mid-season)	W/W	7.2 / 5.1 / 4.0	7.0 / 5.1 / 4.0	7.2 / 5.1 / 4.0	6.9 / 5.1 / 4.0
Energy Efficiency Class		A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+
Indicative annual energy consumption	kWh	131 / 824 / 875	162 / 961 / 1050	257 / 1483 / 1435	330 / 1757 / 1820
EER/COP	W/W	3.46 / 3.75	3.23 / 3.72	3.34 / 3.74	3.25 / 3.72
Power supply		220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz
Inter-connecting cable		5-core	5-core	5-core	5-core
Nominal current draw (Cooling)	A	5.1	4.5	7.0	9.0
Nominal power draw (Cooling)	W	780	1000	1580	2000
Nominal current draw (Heating)	A	3.6	4.2	6.6	8.3
Nominal power draw (Heating)	W	800	940	1470	1830
Nominal current	A	10.0	10.0	12.0	18.0
Nominal power	W	2200	2200	2650	3950
Quantity of refrigerant	kg	0.70	0.80	1.25	1.60
Liquid/Gas pipes	mm (inch)	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")
Standard pipe length	m	5	5	5	5
Min. pipe length	m	3	3	3	3
Max. pipe length	m	25	25	30	40
Max. drop	m	10	10	20	20
Additional refrigerant load	g/m	12	12	12	24

INDOOR UNIT		42QHC009D8S-1	42QHC012D8S	42QHC018D8S	42QHC024D8S-1
SAP PN		7401101	7401102	7401103	7401104
Nominal power	W	22	22	36	60
Max. nominal current	A	0.5	0.5	0.5	0.7
Sound power level	dB(A)	53	54	57	63
Sound pressure level (high/med/low/silence)	dB(A)	39/35/31/22	40/35/31/22	43/39/35/24	48/44/39/29
Air flow (high/med/low/silence)	m^3/h	440/360/280/150	510/420/330/170	750/630/510/330	1100/920/750/450
Weight (net/gross)	kg	7.5 / 10.0	8.5 / 12.0	11.0 / 16.0	13.5 / 18.5
Dimensions (LxWxH)	mm	730×192×291	812×192×300	973×218×319	1082×225×338
Package (LxWxH)	mm	800×275×375	880×275×385	1055×305×405	1165×315×420

OUTDOOR UNIT		38QHC009D8S	38QHC012D8S	38QHC018D8S	38QHC024D8S
SAP PN		7400101	7400102	38QHC018D8S	7400104
Sound power level	dB(A)	63	64	65	69
Sound pressure level	dB(A)	54	54	55	58
Air flow	m^3/h	1900	1900	2100	2700
Weight (net/gross)	kg	27.0 / 29.5	27.0 / 29.5	38.0 / 41.0	52.5 / 56.0
Dimensions (LxWxH)	mm	770×300×555	770×300×555	800×333×554	845×363×702
Package (LxWxH)	mm	900×348×615	900×348×615	920×390×615	965×395×765

CONSOLE
42QZA/38QUS-D8S

Energy saving

- 2 configurable air outlets
- 4 inlet directions
- User-friendly, easy-to-use remote control with function
- Follow me
- Intelligent self-diagnosis and leak detection
- Quick temperature control with Turbo function
- Automatic restart after power failure

FOLLOW ME | 3D INVERTER TECHNOLOGY | R32 | SLEEP MODE | WEEKLY TIMER

AUTO SWING | TURBO MODE | POWERFUL DEHUMIDIFICATION | REFRIGERANT LEAK DETECTION | RESTART FUNCTION

Included
RG67V

Optional
KJR-12B

SYSTEM		CONSOLE 3.5kW
Cooling Capacity	kW	3.52 (1.50~5.00)
Heating Capacity	kW	4.50(1.00~5.60)
Heating Capacity to -7 °C	kW	4,10
Heating Capacity to -15 °C	kW	3,50
Heating Capacity to -20 °C	kW	
Theoretical Thermal Load (PdesignC)	kW	3,52
Theoretical Thermal Load (Pdesignh) warm season	kW	3,50
Theoretical Thermal Load (Pdesignh) mid-season	kW	3,50
Operating Range (Cooling)	°C	-15~50
Operating Range (Heating)	°C	-15~24
SEER / SCOP (warm season) / SCOP (mid-season)	W/W	7.7/4.3/5.1
Energy Efficiency Class		A++/A+/A+++
Indicative annual energy consumption	kWh	160/1140/961
EER/COP	W/W	3.87/3.72
Power supply		220~240V / 50Hz / 1Ph
Inter-connecting cable		4-core
Nominal current draw (Cooling)	A	4,10
Nominal power draw (Cooling)	W	910
Nominal current draw (Heating)	A	5,40
Nominal power draw (Heating)	W	1210
Nominal current	A	10,0
Nominal power	W	2350
Quantity of refrigerant	kg	0.87/0.588
Liquid/Gas pipes	mm (inch)	6.35mm (1/4in) /9.52mm (3/8in)
Standard pipe length	m	5
Min. pipe length	m	3
Max. pipe length	m	25
Max. drop	m	10
Additional refrigerant load	g/m	12

INDOOR UNIT		42QZA012D8S
SAP PN		7405051
Nominal power	W	67
Max. nominal current	A	0,60
Sound power level	dB(A)	55
Sound pressure level (high/med/low/silence)	dB(A)	43/41/35
Air flow (high/med/low/silence)	m^3/h	530/480/360
Weight (net/gross)	kg	15.0/19.5
Dimensions (LxWxH)	mm	700x210x600
Package (LxWxH)	mm	810x310x710

OUTDOOR UNIT		38QUS012D8S
SAP PN		7400120
Sound power level	dB(A)	63
Sound pressure level	dB(A)	56
Air flow	m^3/h	2000
Weight (net/gross)	kg	34.7/37.5
Dimensions (LxWxH)	mm	800×333×554
Package (LxWxH)	mm	920×390×625

PORTABLE
KPD-QPD

- Compact design, ideal for small spaces too.
- **Versatile**: equipped with multi-directional rotors and a practical side handle for transport.
- The **intelligent on-off technology** allows the unit to activate energy saving automatically when in standby mode.
- Automatic condensation vaporisation in air conditioning mode.
- Possibility of continuous condensation discharge in dehumidifier mode.

ENERGY CLASS

ULTRA-QUIET

AUTO-DIAGNOSIS SYSTEM

RESTART FUNCTION

OMNIDIRECTIONAL WHEELS

GAS R290

SLEEP MODE

AUTO-EVAPORATION SYSTEM

FOLLOW ME

24 HOUR TIMER

LED DISPLAY

REFRIGERANT LEAK DETECTION

TURBO MODE

1W STANDBY

AUTO DEFROSTING

EASY INSTALLATION

UNIT			PORTABLE 3.5kW
SAP PN			7406010
Power supply		V-Ph-Hz	220-240V,1Ph,50Hz
Cooling	Capacity	BTU/h	12000
	Capacity	kW	3.5
	Nominal power draw	W	1350
	Nominal current draw	A	5.9
	EER	W/W	2.6
	Energy Efficiency Class		A
Heating	Capacity	BTU/h	10000
	Capacity	kW	2.9
	Nominal power draw	W	1045
	Nominal current draw	A	5.0
	COP	W/W	2.8
	Energy Efficiency Class		A+
Dehumidifying capacity		L/h	3.25
Maximum power draw		W	1600
Maximum current draw		A	8.0
Energy consumption on activation		A	25
Air flow (Hi)		m^3/h	420 / 370 / 350
Sound pressure level (Hi/Med/Lo)		dB(A)	55 / 54 / 53
Sound power level (Hi)		dB(A)	64
Energy consumption in thermostat mode turned off		W	1
Energy consumption in standby mode		W	0.5
Refrigerant	Type		R290
	GWP		3
	Additional refrigerant load	kg	0.23
	CO_2 quantity	kg	0.69
Test pressure		MPa	2.6 / 1.0
Type of plug			1.5x3/VDE
Type of Control			Remote Control
Indoor temperature		°C	17-35 / 5-30
Space Area		m^2	16-23
Dimensions (LxWxH)		mm	467×397×765
Package (LxWxH)		mm	515×440×890
Weight (net/gross)		Kg	34.4 / 37.8

MULTI SYSTEMS
38QUS-D8S

EUROVENT CERTIFIED PERFORMANCE

28Kbtu - 42Kbtu

14Kbtu - 27Kbtu

ENERGY CLASS | DC COMPRESSOR | 3D INVERTER TECHNOLOGY | ULTRA-QUIET | AUTO-DIAGNOSIS SYSTEM | ANTI-COLD AIR | EASY INSTALLATION | RESTART FUNCTION | R32

OUTDOOR UNIT Nominal Configuration		38QUS014D8S2	38QUS018D8S2-1	38QUS021D8S3	38QUS027D8S3-1
SAP PN		7400130	7400059	7400132	7400066
Power supply	V-Hz-ph	220-240V~, 50Hz, 1Ph	220-240V~, 50Hz, 1Ph	220-240V~, 50Hz, 1Ph	220-240V~, 50Hz, 1Ph
Inter-connecting cable		4-core	4-core	4-core	4-core
Cooling Capacity	kW	4.10 (1.44~4.79)	5.28 (2.23~5.57)	6.10 (1.95~6.83)	7.90 (2.89~8.50)
Heating Capacity	kW	4.40 (1.50~4.91)	5.57 (2.34~5.63)	6.59 (1.45~6.86)	8.20 (1.99~8.50)
Theoretical Thermal Load (PdesignC)	kW	4.10	5.28	6.10	7.90
Theoretical Thermal Load (Pdesignh) mid-season	kW	3.70	4.30	5.40	5.70
SEER/SCOP (mid-season)	W/W	6.8 / 4.0	6.1 / 4.0	6.5 / 4.0	6.1 / 4.0
Energy Efficiency Class		A++ / A+	A++ / A+	A++ / A+	A++ / A+
Indicative annual energy consumption	kWh	211 / 1295	303 / 1505	329 / 1890	454 / 1995
EER/COP	W/W	3.23 / 3.67	3.24 / 3.71	3.21 / 3.72	3.22 / 3.73
Nominal current draw (Cooling)	A	5.8	7.3	8.6	11.0
Nominal power draw (Cooling)	W	1270	1630	1900	2450
Nominal current draw (Heating)	A	5.4	6.7	8.1	9.9
Nominal power draw (Heating)	W	1200	1500	1770	2200
Nominal current	A	11.5	13.0	15.5	17.5
Nominal power	W	2650	2850	3300	3600
Air flow	m^3/h	2200	2200	2700	2700
Sound pressure level	dB(A)	56	56	58	60
Sound power level	dB(A)	65	65	66	68
Dimensions (L×W×H)	mm	800×333×554	800×333×554	845×363×702	845×363×702
Package (LxWxH)	mm	920×390×625	920×390×625	965×395×775	965×395×775
Weight (net/gross)	kg	32.0 / 35.0	35.5 / 38.5	47.0 / 51.0	51.0 / 56.0
GWP		675	675	675	675
Quantity of refrigerant (R32)	kg	1.10	1.25	1.40	1.72
Test pressure	MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Liquid/Gas pipes	mm (inch)	2 × [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/ Φ9.52 (1/4"/ 3/8")]
Test pressure	MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Pipe length	m	7.5*2	7.5*2	7.5*3	7.5*3
Additional load	g/m	12	12	12	12
Max. total length of pipes	m	40	40	60	60
Max. single branch length	m	25	25	25	30
Max. drop between IU and OU.	m	15	15	15	15
Max. drop between IUs.	m	10	10	10	10
Min./max. operating limits in cooling mode	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
Min./max. operating limits in heating mode	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24

MULTI COMBINATIONS > MULTIPLE POSSIBILITIES

For multisplit systems, Carrier offers a wide range of indoor units to personalise every space in the home, guaranteeing optimal performance, a reduction in energy consumption and the space used compared with monosplit systems.

HOME SOLUTIONS **MULTI SYSTEMS**

ENERGY CLASS | DC COMPRESSOR | 3D INVERTER TECHNOLOGY | ULTRA-QUIET | AUTO-DIAGNOSIS SYSTEM | ANTI-COLD AIR | EASY INSTALLATION | RESTART FUNCTION | R32

OUTDOOR UNIT		38QUS028D8S4	38QUS036D8S4	38QUS042D8S5
Nominal Configuration				
SAP PN		7400134	7400062	7400136
Power supply	V-Hz-ph	220-240V~, 50Hz, 1Ph	220-240V~, 50Hz, 1Ph	220-240V~, 50Hz, 1Ph
Inter-connecting cable		4-core	4-core	4-core
Cooling Capacity	kW	8.20 (2.51~10.43)	10.20 (2.05~10.55)	12.00 (2.05~12.31)
Heating Capacity	kW	8.79 (1.61~10.14)	11.00 (2.34~11.14)	12.00 (2.34~12.31)
Theoretical Thermal Load (PdesignC)	kW	8.20	10.20	12.00
Theoretical Thermal Load (Pdesignh) mid-season	kW	6.50	8.80	9.20
SEER/SCOP (mid-season)	W/W	7.0 / 4.0	6.5 / 3.8	6.8 / 3.8
Energy Efficiency Class		A++ / A+	A++ / A	A++ / A
Indicative annual energy consumption	kWh	410 / 2275	550 / 3242	618 / 3390
EER/COP	W/W	3.23 / 3.66	2.82 / 3.55	3.08 / 3.66
Nominal current draw (Cooling)	A	11.4	16.0	17.2
Nominal power draw (Cooling)	W	2540	3620	3890
Nominal current draw (Heating)	A	10.8	13.7	14.6
Nominal power draw (Heating)	W	2400	3100	3280
Nominal current	A	19.0	21.5	22.0
Nominal power	W	4150	4600	4700
Air flow	m^3/h	3800	4000	3850
Sound pressure level	dB(A)	63	64	64
Sound power level	dB(A)	70	72	72
Dimensions (L×W×H)	mm	946×410×810	946×410×810	946×410×810
Package (LxWxH)	mm	1090×500×885	1090×500×885	1090×500×885
Weight (net/gross)	kg	62.0 / 67.5	69.0 / 75.5	73.5 / 80.5
GWP		675	675	675
Quantity of refrigerant (R32)	kg	2.10	2.10	2.40
Test pressure	MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Liquid/Gas pipes	mm (inch)	3 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")] + 1 × [Φ6.35/ Φ12.7 (1/4"/ 1/2")]	3 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")] + 1 × [Φ6.35/ Φ12.7 (1/4"/ 1/2")]	4 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")] + 1 × [Φ6.35/ Φ12.7 (1/4"/ 1/2")]
Test pressure	MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Pipe length	m	7.5*4	7.5*4	7.5*5
Additional load	g/m	12	12	12
Max. total length of pipes	m	80	80	80
Max. single branch length	m	30	35	35
Max. drop between IU and OU.	m	15	15	15
Max. drop between IUs.	m	10	10	10
Min./max. operating limits in cooling mode	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50
Min./max. operating limits in heating mode	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24

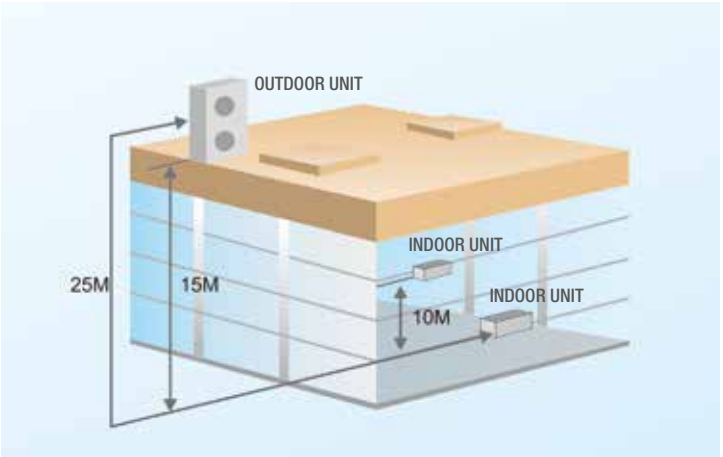
MULTI SYSTEM **TECHNOLOGY**

ONE HOUSE, ONE OUTDOOR UNIT

With Carrier, up to 5 indoor units of any type can be installed with just one outdoor unit, reducing the number of outdoor units required. All indoor units can be controlled individually and do not need to be installed at the same time.

EASY INSTALLATION AND MAINTENANCE

The maximum length of the pipes makes it possible to position Carrier units in a flexible and effective manner, reducing the time spent on installation and maintenance.



	MAX. LENGTH		MAX. HEIGHT	
OUTDOOR UNIT	Total Length	Indoor unit	Between indoor and outdoor units	Between indoor units
1:2 connectible units	40	25	15	10
1:3 connectible units	60	30	15	10
1:4 connectible units	80	35	15	10
1:5 connectible units	80	35	15	10

INDOOR UNITS

WALLMOUNT		42QHC007D8S-1	42QHC009D8S-1	42QHC012D8S	42QHC018D8S	42QHC024D8S-1
SAP PN		7401009	7401101	7401102	7401103	7401104
Power supply	V-ph-Hz			220~240V - 1Ph - 50Hz		
Cooling capacity	kW	2.05	2.64	3.52	5.28	7.04
Heating capacity	kW	2.05	2.64	3.52	5.28	7.04
Nominal power draw	W	22	22	22	36	60
Max. nominal current draw	A	0.5	0.5	0.5	0.5	0.7
Sound power level	dB(A)	53	53	54	57	63
Sound pressure level (high/med/low)	dB(A)	39/35/31/22	39/35/31/22	40/35/31/22	43/39/35/24	48/44/39/29
Air flow (high/med/low)	m^3/h	440/360/280/150	440/360/280/150	510/420/330/170	750/630/510/330	1100/920/750/450
Weight (Net/Gross)	kg	7.5 / 10.0	7.5 / 10.0	8.5 / 12.0	11.0 / 16.0	13.5 / 18.5
Dimensions (LxWxH)	mm	730×192×291	730×192×291	812×192×300	973×218×319	1082×225×338
Package (LxWxH)	mm	800×275×375	800×275×375	880×275×385	1055×405×305	1165×420×315
Liquid/Gas pipes	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	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")

4-WAY CASSETTE		42QTD009D8S	42QTD012D8S	42QTD018D8S-1
SAP PN		7403050	7403051	7403052
Power supply	V-ph-Hz		220~240V - 1Ph - 50Hz	
Cooling Capacity	kW	2.64	3.52	5.28
Heating Capacity	kW	2.64	3.52	5.28
Nominal power draw	W	45	45	45
Max. nominal current draw	A	0.40	0.40	0.40
Sound power level	dB(A)	58	59	60
Sound pressure level (high/med/low)	dB(A)	42/39/36	42/39/36	45/42/36
Air flow (high/med/low)	m^3/h	560/430/390	560/430/390	680/550/400
Unit Weight (Net/Gross)	kg	15.0/18.0	16.5/19.5	16.5/19.5
Panel Weight (Net/Gross)	kg	2.5/4.5	2.5/4.5	2.5/4.5
Unit Dimensions (LxWxH)	mm	570×570×260	570×570×260	570×570×260
Unit Package (LxWxH)	mm	662×662×317	662×662×317	662×662×317
Panel Dimensions (LxWxH)	mm	647×647×50	647×647×50	647×647×50
Panel Package (LxWxH)	mm	715×715×123	715×715×123	715×715×123
Liquid/Gas pipes	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")

DUCTABLE		42QSS012D8S	42QSS018D8S
SAP PN		7404051	7404052
Power supply	V-ph-Hz	220~240V - 1Ph - 50Hz	
Cooling Capacity	kW	3.52	5.28
Heating Capacity	kW	3.52	5.28
Nominal power draw	W	130	90
Max. nominal current draw	A	1.11	1.20
Sound power level	dB(A)	60	61
Sound pressure level (high/med/low)	dB(A)	42/36/30	45/38/33
Air flow (high/med/low)	m^3/h	580/480/300	880/650/350
Weight (Net/Gross)	kg	18.0 / 22.0	24.5/29.5
Dimensions (LxWxH)	mm	700×450×200	880×674×210
Package (LxWxH)	mm	860×540×285	1070×725×280
Liquid/Gas pipes	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")

CONSOLE		42QZA012D8S
SAP PN		7405051
Power supply	V-ph-Hz	220~240V - 1Ph - 50Hz
Cooling Capacity	kW	3.52
Heating Capacity	kW	3.52
Nominal power draw	W	67
Max. nominal current draw	A	0.60
Sound power level	dB(A)	60
Sound pressure level (high/med/low)	dB(A)	43/41/35
Air flow (high/med/low)	m^3/h	530/480/360
Weight (Net/Gross)	kg	15.0/19.5
Dimensions (LxWxH)	mm	700×600×210
Package (LxWxH)	mm	810×710×310
Liquid/Gas pipes	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")

R32 MULTI INDOOR UNITS

38QUS014D8S2		
1 UNIT	2 UNIT	
7	7+7	9+9
9	7+9	9+12
12	7+12	NA
18	NA	NA

38QUS018D8S2-1		
1 UNIT	2 UNIT	
7	7+7	9+9
9	7+9	9+12
12	7+12	12+12
18	NA	NA

38QUS021D8S3				
1 UNIT	2 UNIT		3 UNIT	
7	7+7	9+9	7+7+7	9+9+9
9	7+9	9+12	7+7+9	NA
12	7+12	9+18	7+7+12	NA
18	7+18	12+12	7+9+9	NA

38QUS027D8S3-1						
1 UNIT	2 UNIT			3 UNIT		
7	7+7	9+9	12+18	7+7+7	7+9+9	9+9+9
9	7+9	9+12	NA	7+7+9	7+9+12	9+9+12
12	7+12	9+18	NA	7+7+12	7+12+12	9+12+12
18	7+18	12+12	NA	7+7+18	NA	NA

38QUS028D8S4								
1 UNIT	2 UNIT			3 UNIT			4 UNIT	
7	7+7	9+9	12+18	7+7+7	7+9+12	9+9+18	7+7+7+7	7+9+9+9
9	7+9	9+12	12+24	7+7+9	7+9+18	9+12+12	7+7+7+9	9+9+9+9
12	7+12	9+18	18+18	7+7+12	7+12+12	12+12+12	7+7+7+12	NA
18	7+18	9+24	NA	7+7+18	9+9+9	NA	7+7+9+9	NA
24	7+24	12+12	NA	7+9+9	9+9+12	NA	7+7+9+12	NA

38QUS036D8S4										
1 UNIT	2 UNIT			3 UNIT					4 UNIT	
7	7+7	9+9	12+18	7+7+7	7+9+9	7+12+18	9+9+18	9+18+18	7+7+7+7	7+7+9+12
9	7+9	9+12	12+24	7+7+9	7+9+12	7+12+24	9+9+24	12+12+12	7+7+7+9	7+7+9+18
12	7+12	9+18	18+18	7+7+12	7+9+18	7+18+18	9+12+12	12+12+18	7+7+7+12	7+7+12+12
18	7+18	9+24	NA	7+7+18	7+9+24	9+9+9	9+12+18	NA	7+7+7+18	7+9+9+9
24	7+24	12+12	NA	7+7+24	7+12+12	9+9+12	9+12+24	NA	7+7+9+9	7+9+9+12

38QUS042D8S5										
1 UNIT	2 UNIT			3 UNIT						
7	7+7	9+9	12+18	7+7+7	7+9+9	7+12+18	9+9+18	9+18+18	7+7+7+7	7+7+9+9
9	7+9	9+12	12+24	7+7+9	7+9+12	7+12+24	9+9+24	12+12+12	7+7+7+9	7+7+9+12
12	7+12	9+18	18+18	7+7+12	7+9+18	7+18+18	9+12+12	12+12+18	7+7+7+12	7+7+9+18
18	7+18	9+24	NA	7+7+18	7+9+24	9+9+9	9+12+18	12+12+24	7+7+7+18	7+7+9+24
24	7+24	12+12	NA	7+7+24	7+12+12	9+9+12	9+12+24	12+18+18	7+7+7+24	7+7+12+12

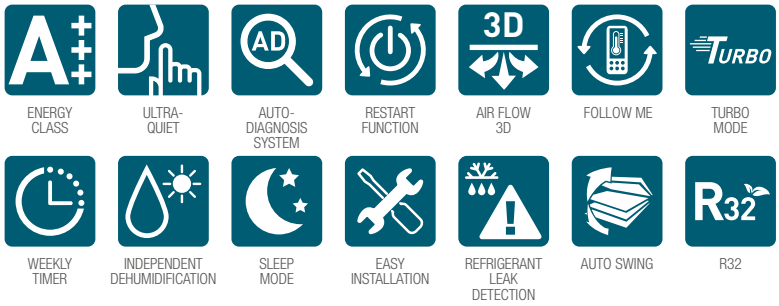
7+9+9+18	9+9+9+18
7+9+12+12	9+9+12+12
7+12+12+12	9+12+12+12
9+9+9+9	NA
9+9+9+12	NA

4 UNIT					5 UNIT				
7+7+12+18	7+9+9+18	7+9+18+18	9+9+9+18	9+12+12+12	7+7+7+7+7	7+7+7+9+12	7+7+12+12+12	7+9+9+12+12	9+9+9+12+12
7+7+12+24	7+9+9+24	7+12+12+12	9+9+9+24	9+12+12+18	7+7+7+7+9	7+7+7+9+18	7+7+12+12+18	7+9+12+12+12	9+9+12+12+12
7+7+18+18	7+9+12+12	7+12+12+18	9+9+12+12	12+12+12+12	7+7+7+7+12	7+7+9+9+9	7+9+9+9+9	9+9+9+9+9	NA
7+9+9+9	7+9+12+18	9+9+9+9	9+9+12+18	12+12+12+18	7+7+7+7+18	7+7+9+9+12	7+9+9+9+12	9+9+9+9+12	NA
7+9+9+12	7+9+12+24	9+9+9+12	9+9+12+24	NA	7+7+7+9+9	7+7+9+9+18	7+9+9+9+18	9+9+9+9+18	NA

LIGHT COMMERCIAL SOLUTIONS

CEILING / FLOOR
42QZL/38QUS-D8S 42QZL/38QUS-R8S

- **3D air flow:** the air outlet fin on the rear part is the same as the lower fin. This facilitates installation of the unit both on the floor and on the ceiling, optimising the available space.
- **2 drainage modes:** both sides of the unit have a connection for the drainage tube, simplifying installation.



Included
RG67N

Optional
KJR-120G2

SYSTEM		Ceiling/Floor 5kW	Ceiling/Floor 7kW
Cooling Capacity	kW	5.20 (2.60~5.60)	7.05 (3.20~7.70)
Heating Capacity	kW	5.70 (2.30~5.80)	7.40 (2.70~8.30)
Heating Capacity to -7 °C	kW	4.30	5.30
Heating Capacity to -10 °C	kW	3.90	5.50
Heating Capacity to -15 °C	kW	3.20	4.90
Theoretical Thermal Load (PdesignC)	kW	5.20	7.05
Theoretical Thermal Load (Pdesignh)	kW	4.70	5.30
Theoretical Thermal Load (Pdesignh) mid-season	kW	4.70	4.90
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.9 / 4.0 / 5.1	6.3 / 4.0 / 5.0
Energy Efficiency Class	-	A++ / A+ / A+++	A++ / A+ / A++
Indicative annual energy consumption	kWh	264 / 1645 / 1290	392 / 1855 / 1372
EER/COP	W/W	3.06 / 3.77	3.07 / 3.47
Nominal current draw (Cooling)	A	7.7	10.1
Nominal power draw (Cooling)	W	1700	2230
Nominal current draw (Heating)	A	6.8	9.7
Nominal power draw (Heating)	W	1500	2130

OUTDOOR UNIT		38QUS018R8S	38QUS024R8S
SAP PN		7400122	7400123
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph
Inter-connecting cable		2-core shielded + 3-core power	2-core shielded + 3-core power
Nominal current	A	10.0	13.5
Nominal power	W	2200	2950
Quantity of refrigerant (R32)	kg	1.35	1.50/1.012
Liquid/Gas pipes	mm (inch)	Φ6.35 / Φ12.7 (1/4" / 1/2")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	30	50
Max. drop	m	20	25
Additional refrigerant load	g/m	12	24
Sound power level	dB(A)	65	67
Sound pressure level	dB(A)	57	61
Air flow	m^3/h	2100	2700
Weight (net/gross)	kg	35.5 / 38.5	49.5 / 53.0
Dimensions (LxWxH)	mm	800×333×554	845×363×702
Package (LxWxH)	mm	920×390×615	965×395×775

INDOOR UNIT		42QZL018R8S	42QZL024R8S
SAP PN		7402053	7402051
Power supply		3-core from outdoor	3-core from outdoor
Nominal power	W	100	100
Max. nominal current	A	1.11	1.11
Sound power level	dB(A)	57	62
Sound pressure level (high/med/low)	dB(A)	45 / 40 / 37	49 / 46 / 41
Air flow (high/med/low)	m^3/h	900 / 790 / 680	1200 / 1070 / 850
Unit weight (net/gross)	kg	27.0 / 32.0	27.0 / 32.0
Unit dimensions (LxWxH)	mm	1068×675×235	1068×675×235
Unit package (LxWxH)	mm	1145×755×313	1145×755×318

CEILING / FLOOR
42QZL/38QUS - R8S

SYSTEM		Ceiling/Floor 10kW	Ceiling/Floor 10kW
Cooling Capacity	kW	10.50 (3.90~10.70)	10.50 (3.90~11.20)
Heating Capacity	kW	12.50 (2.90~13.50)	10.80 (2.80~13.90)
Heating Capacity to -7 °C	kW	9.80	9.70
Heating Capacity to -10 °C	kW	8.40	8.30
Heating Capacity to -15 °C	kW	8.20	8.20
Theoretical Thermal Load (PdesignC)	kW	10.50	10.50
Theoretical Thermal Load (Pdesignh)	kW	8.70	8.70
Theoretical Thermal Load (Pdesignh) mid-season	kW	10.60	9.00
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.6 / 4.0 / 5.1	6.5 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A+++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	557 / 3045 / 2910	565 / 3045 / 2471
EER/COP	W/W	2.65 / 3.62	2.80 / 3.65
Nominal current draw (Cooling)	A	17.1	6.7
Nominal power draw (Cooling)	W	3830	4000
Nominal current draw (Heating)	A	15.3	5.1
Nominal power draw (Heating)	W	3450	2950

OUTDOOR UNIT		38QUS036R8S	38QUS036R8T
SAP PN		7400125	7400127
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	380~415V / 50Hz / 3Ph
Inter-connecting cable		2-core shielded + 3-core power	2-core shielded + 3-core power
Nominal current	A	21.5	10.0
Nominal power	W	4700	5600
Quantity of refrigerant (R32)	kg	2.40 / 1.620	2.40 / 1.620
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	65	65
Max. drop	m	30	30
Additional refrigerant load	g/m	24	24
Sound power level	dB(A)	69	69
Sound pressure level	dB(A)	64	64
Air flow	m^3/h	4000	4000
Weight (net/gross)	kg	67.0 / 73.5	81.5 / 87.0
Dimensions (LxWxH)	mm	946×410×810	946×410×810
Package (LxWxH)	mm	1090×500×885	1090×500×885

INDOOR UNIT		42QZL036R8S	42QZL036R8S
SAP PN		7402053	7402053
Power supply		3-core from outdoor	3-core from outdoor
Nominal power	W	96*2	96*2
Max. nominal current	A	1.15*2	1.15*2
Sound power level	dB(A)	63	63
Sound pressure level (high/med/low)	dB(A)	50 / 46 / 42	50 / 46 / 42
Air flow (high/med/low)	m^3/h	2160 / 1840 / 1430	2160 / 1840 / 1430
Unit weight (net/gross)	kg	41.5 / 48.0	41.5 / 48.0
Unit dimensions (LxWxH)	mm	1650×675×235	1650×675×235
Unit package (LxWxH)	mm	1725×755×318	1725×755×318

SYSTEM		Ceiling/Floor 14kW	Ceiling/Floor 16kW
Cooling Capacity	kW	14.00 (4.90~15.10)	15.40 (5.20~17.00)
Heating Capacity	kW	15.60 (3.80~18.00)	18.00 (4.30~19.60)
Heating Capacity to -7 °C	kW	11.10	11.50
Heating Capacity to -10 °C	kW	10.50	11.10
Heating Capacity to -15 °C	kW	8.60	9.90
Theoretical Thermal Load (PdesignC)	kW	14.00	15.40
Theoretical Thermal Load (Pdesignh)	kW	11.10	11.80
Theoretical Thermal Load (Pdesignh) mid-season	kW	12.10	12.30
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 4.8	6.1 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	803 / 3885 / 3529	884 / 4130 / 3376
EER/COP	W/W	2.55 / 2.85	2.55 / 2.95
Nominal current draw (Cooling)	A	9.1	10.1
Nominal power draw (Cooling)	W	5500	6050
Nominal current draw (Heating)	A	8.2	10.2
Nominal power draw (Heating)	W	5030	6100

OUTDOOR UNIT		38QUS048R8T	38QUS060R8T
SAP PN		7400128	7400129
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	380~415V / 50Hz / 3Ph	380~415V / 50Hz / 3Ph
Inter-connecting cable		2-core shielded + 3-core power	2-core shielded + 3-core power
Nominal current	A	11.2	14.0
Nominal power	W	6200	7500
Quantity of refrigerant (R32)	kg	2.80 / 1,890	2.95 / 1,990
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	65	65
Max. drop	m	30	30
Additional refrigerant load	g/m	24	24
Sound power level	dB(A)	75	77
Sound pressure level	dB(A)	66	66
Air flow	m^3/h	7500	7500
Weight (net/gross)	kg	107.0 / 120.0	112.0 / 125.0
Dimensions (LxWxH)	mm	952×415×1333	952×415×1333
Package (LxWxH)	mm	1095×495×1480	1095×495×1480

INDOOR UNIT		42QZL048R8S	42QZL060R8S
SAP PN		7402054	7402055
Power supply		3-core from outdoor	3-core from outdoor
Nominal power	W	96*2	90*2
Max. nominal current	A	1.15*2	1.2*2
Sound power level	dB(A)	66	68
Sound pressure level (high/med/low)	dB(A)	54 / 50 / 46	54 / 47 / 43
Air flow (high/med/low)	m^3/h	2330 / 1930 / 1420	2450 / 1830 / 1430
Unit weight (net/gross)	kg	41.2 / 47.6	41.4 / 47.8
Unit dimensions (LxWxH)	mm	1650×675×235	1650×675×235
Unit package (LxWxH)	mm	1725×755×318	1725×755×318

COMPACT CASSETTE
42QTD/38QUS - D8S

EUROVENT CERTIFIED PERFORMANCE

- **360° air flow:** guarantees uniform temperature distribution for perfect coverage of the space.
- **Fresh air inlet:** a ventilation motor can be installed in the external duct which, thanks to the indoor fan, introduces and increases the volume of fresh air.
- **Integrated discharge pump:** the discharge pump makes it possible to remove condensation up to a height of 750mm. It guarantees the installation of the drainage pipes in any space.

ENERGY CLASS · INVERTER TECHNOLOGY · ULTRA-QUIET · AUTO-DIAGNOSIS SYSTEM · RESTART FUNCTION · LOUVER POSITION MEMORY · AUTO SWING · FOLLOW ME

WEEKLY TIMER · INDEPENDENT DEHUMIDIFICATION · SLEEP MODE · AIR FLOW 360° · REFRIGERANT LEAK DETECTION · EASY INSTALLATION · R32

Included
RG67N

Optional
KJR-120G2

SYSTEM		Cassette 3.5kW	Cassette 5kW
Cooling Capacity	kW	3.50 (1.52~5.28)	5.30 (2.90~5.74)
Heating Capacity	kW	4.40 (1.03~5.57)	5.42 (2.37~6.10)
Heating Capacity to -7 °C	kW	4.10	4.70
Heating Capacity to -10 °C	kW	3.80	4.10
Heating Capacity to -15 °C	kW	3.60	3.70
Theoretical Thermal Load (PdesignC)	kW	3.50	5.30
Theoretical Thermal Load (Pdesignh)	kW	3.10	4.20
Theoretical Thermal Load (Pdesignh) mid-season	kW	3.50	5.30
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	7.8 / 4.6 / 5.1	6.1 / 4.0 / 4.9
Energy Efficiency Class	-	A++ / A++ / A+++	A++ / A+ / A++
Indicative annual energy consumption	kWh	157 / 959 / 961	304 / 1470 / 1525
EER/COP	W/W	4.12 / 4.00	3.25 / 3.71
Nominal current draw (Cooling)	A	3.80	7.2
Nominal power draw (Cooling)	W	850	1630
Nominal current draw (Heating)	A	5.00	6.4
Nominal power draw (Heating)	W	1100	1460

OUTDOOR UNIT		38QUS012D8S	38QUS018D8S
SAP PN		7400120	7400121
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph
Inter-connecting cable		4-core shielded	4-core shielded
Nominal current	A	10.0	13.5
Nominal power	W	2350	2950
Quantity of refrigerant (R32)	kg	0.87/0,588	1.15/0.776
Liquid/Gas pipes	mm (inch)	Φ6.35 / Φ9.52 (1/4" / 3/8")	Φ6.35 / Φ12.7 (1/4" / 1/2")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	25	30
Max. drop	m	10	20
Additional refrigerant load	g/m	12	12
Sound power level	dB(A)	63	64
Sound pressure level	dB(A)	56	57
Air flow	m^3/h	2000	2000
Weight (net/gross)	kg	34.7 / 37.5	33.7 / 36.6
Dimensions (LxWxH)	mm	800×333×554	800×333×554
Package (LxWxH)	mm	920×390×625	920×390×625

INDOOR UNIT		42QTD012D8S	42QTD018D8S-1
SAP PN		7403051	7403052e
Power supply		4-core from outdoor	4-core from outdoor
Nominal power	W	45	45
Max. nominal current	A	0.40	0.40
Sound power level	dB(A)	59	60
Sound pressure level (high/med/low)	dB(A)	42 / 39 / 36	45 / 42 / 36
Air flow (high/med/low)	m^3/h	560 / 430 / 390	680 / 550 / 400
Unit weight (net/gross)	kg	16.5 / 19.0	16.5 / 19.5
Panel weight (net/gross)	kg	2.5 / 4.5	2.5 / 4.5
Unit dimensions (LxWxH)	mm	570×570×260	570×570×260
Unit package (LxWxH)	mm	662×662×317	662×662×317
Panel dimensions (LxWxH)	mm	647×647×50	647×647×50
Panel package (LxWxH)	mm	715×715×123	715×715×123

SLIM CASSETTE
42QTD/38QUS - R8S

EUROVENT CERTIFIED PERFORMANCE

- **360° air flow:** guarantees uniform temperature distribution for perfect coverage of the space.
- **Fresh air inlet:** a ventilation motor can be installed in the external duct which, thanks to the indoor fan, introduces and increases the volume of fresh air.
- **Integrated discharge pump:** the discharge pump makes it possible to remove condensation up to a height of 750mm. It guarantees the installation of the drainage pipes in any space.

Included
RG67N

Optional
KJR-120G2

SYSTEM		Cassette 7kW
Cooling Capacity	kW	7.05 (3.20~7.90)
Heating Capacity	kW	7.20 (2.80~8.80)
Heating Capacity to -7 °C	kW	5.40
Heating Capacity to -10 °C	kW	5.00
Heating Capacity to -15 °C	kW	3.70
Theoretical Thermal Load (PdesignC)	kW	7.05
Theoretical Thermal Load (Pdesignh)	kW	5.30
Theoretical Thermal Load (Pdesignh) mid-season	kW	5.90
SEER/SCOP (mid-season)/SCOP (warm season)	W/W	6.1 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A+++
Indicative annual energy consumption	kWh	405 / 1855 / 1620
EER/COP	W/W	2.95 / 3.93
Nominal current draw (Cooling)	A	9.9
Nominal power draw (Cooling)	W	2180
Nominal current draw (Heating)	A	8.4
Nominal power draw (Heating)	W	1830

OUTDOOR UNIT		38QUS024R8S
SAP PN		7400123
Operating Range (Cooling)	°C	-15~50
Operating Range (Heating)	°C	-15~24
Power supply	-	220~240V / 50Hz / 1Ph
Inter-connecting cable		2-core shielded + 3-core power
Nominal current	A	13.5
Nominal power	W	2950
Quantity of refrigerant (R32)	kg	1.50/1.012
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5
Min. pipe length	m	3
Max. pipe length	m	50
Max. drop	m	25
Additional refrigerant load	g/m	24
Sound power level	dB(A)	67
Sound pressure level	dB(A)	61
Air flow	m^3/h	2700
Weight (net/gross)	kg	49.5 / 53.0
Dimensions (LxWxH)	mm	845×363×702
Package (LxWxH)	mm	965×395×775

INDOOR UNIT		42QTD024R8S
SAP PN		7403061
Power supply		3-core from outdoor
Nominal power	W	141
Max. nominal current	A	0.80
Sound power level	dB(A)	61
Sound pressure level (high/med/low)	dB(A)	46 / 43 / 40
Air flow (high/med/low)	m^3/h	1380 / 1200 / 1030
Unit weight (net/gross)	kg	24.0 / 28.0
Panel weight (net/gross)	kg	6.0 / 9.0
Unit dimensions (LxWxH)	mm	840×840×245
Unit package (LxWxH)	mm	900×900×265
Panel dimensions (LxWxH)	mm	950×950×55
Panel package (LxWxH)	mm	1035×1035×90

SLIM CASSETTE
42QTD/38QUS - R8S

SYSTEM		Cassette 10kW	Cassette 10kW
Cooling Capacity	kW	10.50 (3.90~10.60)	10.50 (4.00~10.70)
Heating Capacity	kW	10.60 (2.90~13.50)	10.80 (2.90~14.10)
Heating Capacity to -7 °C	kW	9.70	9.60
Heating Capacity to -10 °C	kW	8.30	8.20
Heating Capacity to -15 °C	kW	8.20	8.10
Theoretical Thermal Load (PdesignC)	kW	10.50	10.50
Theoretical Thermal Load (Pdesignh)	kW	8.70	8.10
Theoretical Thermal Load (Pdesignh) mid-season	kW	10.50	10.50
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 4.9	6.1 / 4.0 / 4.9
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A++
Indicative annual energy consumption	kWh	602 / 3045 / 3000	602 / 2835 / 3000
EER/COP	W/W	2.61 / 3.53	2.80 / 3.71
Nominal current draw (Cooling)	A	16.5	6.6
Nominal power draw (Cooling)	W	3740	3950
Nominal current draw (Heating)	A	13.3	5.0
Nominal power draw (Heating)	W	2970	2910

OUTDOOR UNIT		38QUS036R8S	38QUS036R8T
SAP PN			
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	380~415V / 50Hz / 3Ph
Inter-connecting cable		2-core shielded + 3-core power	2-core shielded + 3-core power
Nominal current	A	21.5	10.0
Nominal power	W	4700	5600
Quantity of refrigerant (R32)	kg	2.40/1.620	2.40 / 1.620
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	65	65
Max. drop	m	30	30
Additional refrigerant load	g/m	24	24
Sound power level	dB(A)	69	69
Sound pressure level	dB(A)	64	64
Air flow	m^3/h	4000	4000
Weight (net/gross)	kg	67.0 / 73.5	81.5 / 87.0
Dimensions (LxWxH)	mm	946×410×810	946×410×810
Package (LxWxH)	mm	1090×500×885	1090×500×885

INDOOR UNIT		42QTD036R8S	42QTD036R8S
SAP PN		7403063	7403063
Power supply		3-core from outdoor	3-core from outdoor
Nominal power	W	141	141
Max. nominal current	A	0.80	0.80
Sound power level	dB(A)	62	62
Sound pressure level (high/med/low)	dB(A)	51 / 49 / 46	51 / 49 / 46
Air flow (high/med/low)	m^3/h	1770 / 1620 / 1440	1770 / 1620 / 1440
Unit weight (net/gross)	kg	27.5 / 31.0	27.5 / 31.0
Panel weight (net/gross)	kg	6.0 / 9.0	6.0 / 9.0
Unit dimensions (LxWxH)	mm	840×840×245	840×840×245
Unit package (LxWxH)	mm	900×900×265	900×900×265
Panel dimensions (LxWxH)	mm	950×950×55	950×950×55
Panel package (LxWxH)	mm	1035×1035×90	1035×1035×90

SYSTEM		Cassette 14kW	Cassette 16kW
Cooling Capacity	kW	14.00 (4.70~14.60)	15.40 (5.20~16.70)
Heating Capacity	kW	15.60 (3.90~16.80)	18.00 (4.30~19.30)
Heating Capacity to -7 °C	kW	10.50	12.20
Heating Capacity to -10 °C	kW	10.00	11.90
Heating Capacity to -15 °C	kW	8.50	9.80
Theoretical Thermal Load (PdesignC)	kW	14.00	15.40
Theoretical Thermal Load (Pdesignh)	kW	11.00	11.80
Theoretical Thermal Load (Pdesignh) mid-season	kW	11.80	12.30
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 4.6	6.1 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	803 / 3850 / 3591	884 / 4130 / 3376
EER/COP	W/W	2.72 / 3.10	2.53 / 2.94
Nominal current draw (Cooling)	A	9.2	10.2
Nominal power draw (Cooling)	W	5150	6080
Nominal current draw (Heating)	A	8.2	10.3
Nominal power draw (Heating)	W	5040	6130

OUTDOOR UNIT		38QUS048R8T	38QUS060R8T
SAP PN		7400128	7400129
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	380~415V / 50Hz / 3Ph	380~415V / 50Hz / 3Ph
Inter-connecting cable		2-core shielded + 3-core power	2-core shielded + 3-core power
Nominal current	A	11.2	14.0
Nominal power	W	6200	7500
Quantity of refrigerant (R32)	kg	2.80 / 1,890	2.95 / 1,990
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	65	65
Max. drop	m	30	30
Additional refrigerant load	g/m	24	24
Sound power level	dB(A)	75	77
Sound pressure level	dB(A)	66	66
Air flow	m^3/h	7500	7500
Weight (net/gross)	kg	107.0 / 120.0	112.0 / 125.0
Dimensions (LxWxH)	mm	952×415×1333	952×415×1333
Package (LxWxH)	mm	1095×495×1480	1095×495×1480

INDOOR UNIT		42QTD048R8S	42QTD060R8S
SAP PN		7403064	7403065
Power supply		3-core from outdoor	3-core from outdoor
Nominal power	W	141	232
Max. nominal current	A	0.80	1.92
Sound power level	dB(A)	65	65
Sound pressure level (high/med/low)	dB(A)	52/50/49	53 / 50 / 48
Air flow (high/med/low)	m^3/h	1720 / 1570 / 1380	1970 / 1740 / 1540
Unit weight (net/gross)	kg	29.0 / 33.0	29.0 / 33.0
Panel weight (net/gross)	kg	6.0 / 9.0	6.0 / 9.0
Unit dimensions (LxWxH)	mm	840×840×287	840×840×287
Unit package (LxWxH)	mm	900×900×307	900×900×307
Panel dimensions (LxWxH)	mm	950×950×55	950×950×55
Panel package (LxWxH)	mm	1035×1035×90	1035×1035×90

DUCTED
42QSS/38QUS-D8S 42QSS/38QUS-R8S

- The maximum static pressure reaches 160 Pa.
- Slim design, reduced obstruction and weight
- Thanks to the new aerodynamic profile, the fan allows for a more uniform air flow, reducing noise compared with traditional ductable units.
- **Integrated discharge pump:** the discharge pump makes it possible to remove condensation up to a height of 750mm. It guarantees the installation of the drainage pipes in any space.
- **Automatic external static pressure regulation**, the unit is equipped with an innovative automatic setting function for fan rotation speed, which makes it possible to automatically adapt its operation to the space.
- **Increase in external static pressure**: the optimised fan design makes it possible to obtain greater external static pressure.
- **Multi-zone control**: the entire range of ductable Carrier units is compatible with the **AIRZONE** regulation system for the zonal management of ductable systems. A minimal aesthetic impact and better features in terms of comfort and energy efficiency will be achieved.

ENERGY CLASS · INVERTER TECHNOLOGY · ULTRA-QUIET · AUTO-DIAGNOSIS SYSTEM · RESTART FUNCTION · FOLLOW ME · TURBO MODE

WEEKLY TIMER · INDEPENDENT DEHUMIDIFICATION · SLEEP MODE · EASY INSTALLATION · REFRIGERANT LEAK DETECTION · R32

Included
RG67N

Optional
KJR-120G2

SYSTEM		Ducted 3.5kW	Ducted 5kW	Ducted 7kW
Cooling Capacity	kW	3.50 (1.49~4.75)	5.20 (2.80~5.50)	7.05 (3.20~8.20)
Heating Capacity	kW	4.10 (0.97~5.63)	5.50 (2.40~5.80)	7.60 (2.80~8.80)
Heating Capacity to -7 °C	kW	4.10	4.00	5.30
Heating Capacity to -10 °C	kW	3.60	3.60	4.70
Heating Capacity to -15 °C	kW	3.30	2.50	3.50
Theoretical Thermal Load (PdesignC)	kW	3.50	5.20	7.05
Theoretical Thermal Load (Pdesignh)	kW	3.20	4.70	5.00
Theoretical Thermal Load (Pdesignh) mid-season	kW	3.70	4.70	5.60
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.5 / 4.0 / 4.8	6.3 / 4.0 / 4.9	6.5 / 4.0 / 4.8
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A++	A++ / A+ / A++
Indicative annual energy consumption	kWh	188 / 1120 / 1079	304 / 1512 / 1465	304 / 1512 / 1466
EER/COP	W/W	3.68 / 3.73	3.06 / 3.74	3.23 / 3.88
Nominal current draw (Cooling)	A	4.22	7.7	10.3
Nominal power draw (Cooling)	W	950	1700	2260
Nominal current draw (Heating)	A	5.00	6.8	9.0
Nominal power draw (Heating)	W	1100	1500	1960

OUTDOOR UNIT		38QUS012D8S	38QUS018R8S	38QUS024R8S
SAP PN		7400120	7400122	7400123
Operating Range (Cooling)	°C	-15~50	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph
Inter-connecting cable		4-core	2-core shielded + 3-core power	2-core shielded + 3-core power
Nominal current	A	10.0	10.0	13.5
Nominal power	W	2350	2200	2950
Quantity of refrigerant (R32)	kg	0.87/0,588	1.35	1.50/1.012
Liquid/Gas pipes	mm (inch)	Φ6.35 / Φ9.52 (1/4" / 3/8")	Φ6.35 / Φ12.7 (1/4" / 1/2")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5	5
Min. pipe length	m	3	3	3
Max. pipe length	m	25	30	50
Max. drop	m	10	20	25
Additional refrigerant load	g/m	12	12	24
Sound power level	dB(A)	63	65	67
Sound pressure level	dB(A)	56	57	61
Air flow	m^3/h	2000	2100	2700
Weight (net/gross)	kg	34.7 / 37.5	35.5 / 38.5	49.5 / 53.0
Dimensions (LxWxH)	mm	800×333×554	800×333×554	845×363×702
Package (LxWxH)	mm	920×390×625	920×390×615	965×395×775

INDOOR UNIT		42QSS012D8S	42QSS018R8S	42QSS024R8S
SAP PN		7404051	7404060	7404061
Power supply		4-core from outdoor	3-core from outdoor	3-core from outdoor
Nominal power	W	130	90	90
Max. nominal current	A	1.11	1.20	1.20
Sound power level	dB(A)	60	60	63
Sound pressure level (high/med/low)	dB(A)	42 / 36 / 30	42 / 40 / 38	42 / 40 / 38
Air flow (high/med/low)	m^3/h	580 / 480 / 300	1000 / 850 / 680	1250 / 1050 / 840
External static pressure	Pa	0~30	0~100	0~160
Unit weight (net/gross)	kg	18.0 / 22.0	25.5 / 31.5	31.5 / 39.0
Unit dimensions (LxWxH)	mm	700×450×200	880×674×210	1100×774×249
Unit package (LxWxH)	mm	860×540×285	1070×725×270	1305×805×315

DUCTED
42QSS/38QUS - R8S

SYSTEM		Ducted 10kW	Ducted 10kW
Cooling Capacity	kW	10.50 (2.70~10.60)	10.50 (2.70~11.70)
Heating Capacity	kW	11.30 (2.50~13.40)	11.60 (2.50~13.50)
Heating Capacity to -7 °C	kW	10.30	9.90
Heating Capacity to -10 °C	kW	9.60	9.10
Heating Capacity to -15 °C	kW	8.30	8.10
Theoretical Thermal Load (PdesignC)	kW	10.50	10.50
Theoretical Thermal Load (Pdesignh)	kW	8.40	8.00
Theoretical Thermal Load (Pdesignh) mid-season	kW	10.00	10.50
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 4.9	6.2 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	602 / 2940 / 2857	593 / 2800 / 2883
EER/COP	W/W	2.52 / 3.55	2.80 / 3.80
Nominal current draw (Cooling)	A	17.5	6.8
Nominal power draw (Cooling)	W	3950	4070
Nominal current draw (Heating)	A	14.1	5.4
Nominal power draw (Heating)	W	3180	3050

OUTDOOR UNIT		38QUS036R8S	38QUS036R8T
SAP PN		7400125	7400127
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	380~415V / 50Hz / 3Ph
Inter-connecting cable		2-core shielded + 3-core power	2-core shielded + 3-core power
Nominal current	A	21.5	10.0
Nominal power	W	4700	5600
Quantity of refrigerant (R32)	kg	2.40 / 1.620	2.40 / 1.620
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	65	65
Max. drop	m	30	30
Additional refrigerant load	g/m	24	24
Sound power level	dB(A)	69	69
Sound pressure level	dB(A)	64	64
Air flow	m^3/h	4000	4000
Weight (net/gross)	kg	67.0 / 73.5	81.5 / 87.0
Dimensions (LxWxH)	mm	946×410×810	946×410×810
Package (LxWxH)	mm	1090×500×885	1090×500×885

INDOOR UNIT		42QSS036R8S	42QSS036R8S
SAP PN		7404063	7404063
Power supply		3-core from outdoor	3-core from outdoor
Nominal power	W	250	250
Max. nominal current	A	1.52	1.52
Sound power level	dB(A)	65	65
Sound pressure level (high/med/low)	dB(A)	45 / 42 / 39	45 / 42 / 39
Air flow (high/med/low)	m^3/h	1400 / 1150 / 750	1400 / 1150 / 750
External static pressure	Pa	0~160	0~160
Unit weight (net/gross)	kg	40.5 / 48.5	40.5 / 48.5
Unit dimensions (LxWxH)	mm	1360×774×249	1360×774×249
Unit package (LxWxH)	mm	1570×805×315	1570×805×315

SYSTEM		Ducted 14kW	Ducted 16kW
Cooling Capacity	kW	14.00 (4.20~15.20)	15.40 (5.80~17.20)
Heating Capacity	kW	15.60 (3.70~18.00)	18.00 (4.60~20.50)
Heating Capacity to -7 °C	kW	11.60	12.60
Heating Capacity to -10 °C	kW	10.70	11.80
Heating Capacity to -15 °C	kW	9.10	10.20
Theoretical Thermal Load (PdesignC)	kW	14.00	15.40
Theoretical Thermal Load (Pdesignh)	kW	11.80	12.00
Theoretical Thermal Load (Pdesignh) mid-season	kW	11.80	12.70
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 5.0	6.1 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	803 / 4130 / 3304	884 / 4200 / 3486
EER/COP	W/W	2.72 / 3.69	2.82 / 3.38
Nominal current draw (Cooling)	A	8.3	9
Nominal power draw (Cooling)	W	5150	5470
Nominal current draw (Heating)	A	6.7	8.6
Nominal power draw (Heating)	W	4230	5330

OUTDOOR UNIT		38QUS048R8T	38QUS060R8T
SAP PN		7400128	7400129
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	380~415V / 50Hz / 3Ph	380~415V / 50Hz / 3Ph
Inter-connecting cable		2-core shielded + 3-core power	2-core shielded + 3-core power
Nominal current	A	11.2	14.0
Nominal power	W	6200	7500
Quantity of refrigerant (R32)	kg	2.80 / 1,890	2.95 / 1,990
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	65	65
Max. drop	m	30	30
Additional refrigerant load	g/m	24	24
Sound power level	dB(A)	75	77
Sound pressure level	dB(A)	66	66
Air flow	m^3/h	7500	7500
Weight (net/gross)	kg	107.0 / 120.0	112.0 / 125.0
Dimensions (LxWxH)	mm	952×415×1333	952×415×1333
Package (LxWxH)	mm	1095×495×1480	1095×495×1480

INDOOR UNIT		42QSS048R8S	42QSS060R8S
SAP PN		7404064	7404065
Power supply		3-core from outdoor	3-core from outdoor
Nominal power	W	560	560
Max. nominal current	A	4.10	4.10
Sound power level	dB(A)	67	71
Sound pressure level (high/med/low)	dB(A)	51 / 50 / 48	54 / 52 / 50
Air flow (high/med/low)	m^3/h	2400 / 2040 / 1680	2600 / 2210 / 1820
External static pressure	Pa	0~160	0~160
Unit weight (net/gross)	kg	47.5 / 56.0	46.0 / 55.5
Unit dimensions (LxWxH)	mm	1200×874×300	1200×874×300
Unit package (LxWxH)	mm	1405×915×365	1405×915×365

CONTROL AND ACCESSORY SYSTEMS

KJR-120G1

COMPATIBLE WITH **HI-WALL** MODELS

- 3 fan speeds - Low / Medium / High, including micro settings within each speed.
- Set temperature range: set the minimum and maximum limits for each type of operation, including heating and cooling.
- Included functions: Sleep Mode, Weekly Timer, LCD Display, Daily On/Off Timer, Child Lock, Back-lit Display.

KJR-120G2

COMPATIBLE WITH **CEILING/FLOOR - CASSETTE - DUCTABLE MODELS**

- 3 fan speeds - Low / Medium / High, including micro settings within each speed.
- Set temperature range: set the minimum and maximum limits for each type of operation, including heating and cooling.
- Follow Me: to set the temperature reading at the height of the wired remote control rather than the indoor unit.
- Included functions: Sleep Mode, Weekly Timer, LCD Display, Daily On/Off Timer, Back-lit Display.

KJR-12B

COMPATIBLE WITH **CONSOLE MODELS**

- 3 fan speeds - Low / Medium / High, including micro settings within each speed.
- Sleep Mode: this function allows the air conditioner to automatically increase (cooling mode) or reduce (heating mode) temperature by 1°C per hour for the first two hours, and keeps the temperature constant for the next 5 hours until the unit is turned off. Maintaining a correct balance between energy saving and comfort during the night.
- Follow Me: to set the temperature reading at the height of the wired remote control rather than the indoor unit.

CCM-09

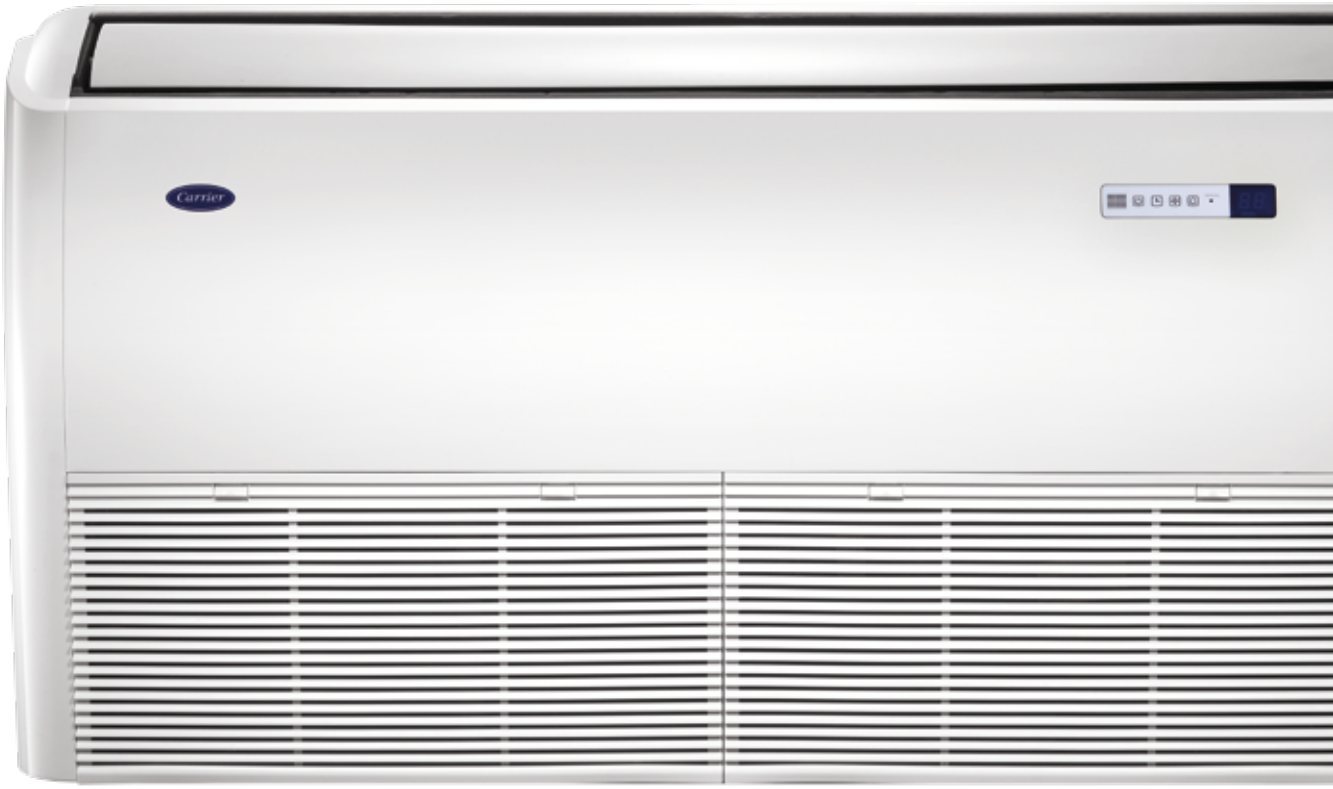
- Weekly Timer
- Lock Remote
- Control 64 IDU
- Error Check
- Back-lit display
- Only Cooling/heating mode
- Allows a maximum of 64 indoor units to follow the weekly programme

TWIN APPLICATION: Y JOINT

Indoor units can be connected with Y joints for balanced distribution of refrigerant; with this application we can install a TWIN Light Commercial system with one outdoor unit. The twin-split system makes it possible to link two indoor units of the same type and the same capacity to one single outdoor unit to allow for a uniform distribution of air, even in spaces with a large surface area. One of the two units is defined as the master unit, and memorises the setting parameters and system functioning. They must be installed in the same premises, operate simultaneously and share a single control system.

The twin-split system is possible in the following combinations (floor/ceiling, ductable, cassette):

INDOOR UNITS	18Kbtu + 18Kbtu	24Kbtu + 24Kbtu	30Kbtu + 30Kbtu
R32	✔	✔	✔



NOTES

NOTES

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