



Turn to the experts

Residential and light commercial

SPLIT SYSTEMS CATALOGUE



2022-2023



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Carrier's Heritage: The Invention that Changed the World

On July 17, 1902, Willis Carrier designed the first modern air-conditioning system to solve a production problem at the Sackett & Wilhelms printing plant in Brooklyn, New York, launching an industry that would fundamentally improve the way we live, work and play.



Willis Carrier applied for a patent on his invention, an "Apparatus for Treating Air." He had invented the world's first spray-type air conditioning equipment, able to both wash and humidify or dehumidify air. Modern air conditioning now had its fundamental building block.



Carrier hires America's first woman air-conditioning engineer, right around the time that the decision to allow U.S. women the right to vote was being debated by lawmakers.

1904

1917

1911

1922

Willis Carrier's Rational Psychrometric Formulae brought science to what had been the often hit-or-miss design of air-conditioning systems, and in the process made Carrier an international name.

Carrier unveiled the first centrifugal chiller, which opened the door to large-scale comfort air-conditioning.





Carrier introduces the first home air conditioner.

1926

Willis Carrier is named one of Time magazine's "100 Most Influential People of the Century."

1998

Carrier becomes an independent, publicly-traded company and begins trading on New York Stock Exchange.

2020

1931

The M.V. Victoria became the first vessel to make its maiden voyage equipped with Carrier air conditioning.



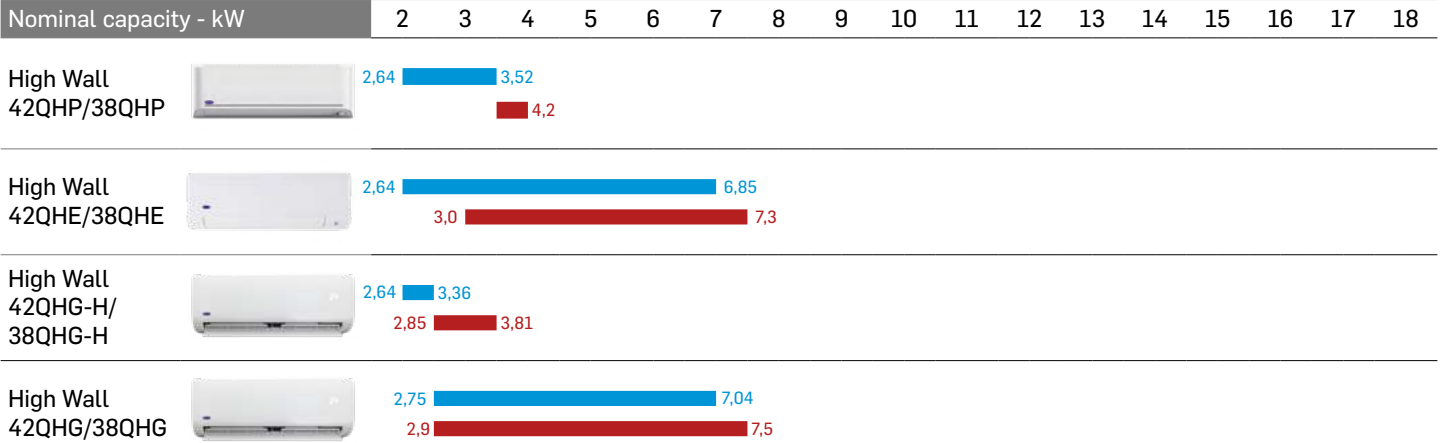
2016

Construction began on the Center for Intelligent Buildings, Carrier's world headquarters.

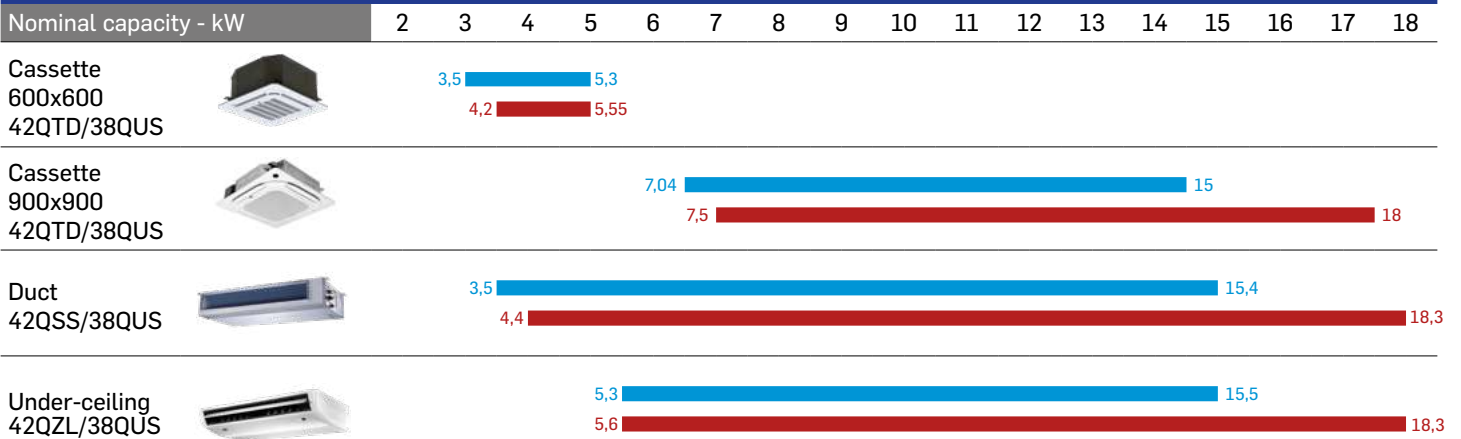
Overview of the range

Carrier split systems are trusted to bring energy-efficient, quiet and consistent comfort. The R-32 split systems range offers high-performance products to provide the best of thermal comfort technology. A large number of sizes and options is available to cover all your needs. Discover all the details and the specifications of the Carrier residential and light commercial product line-up below.

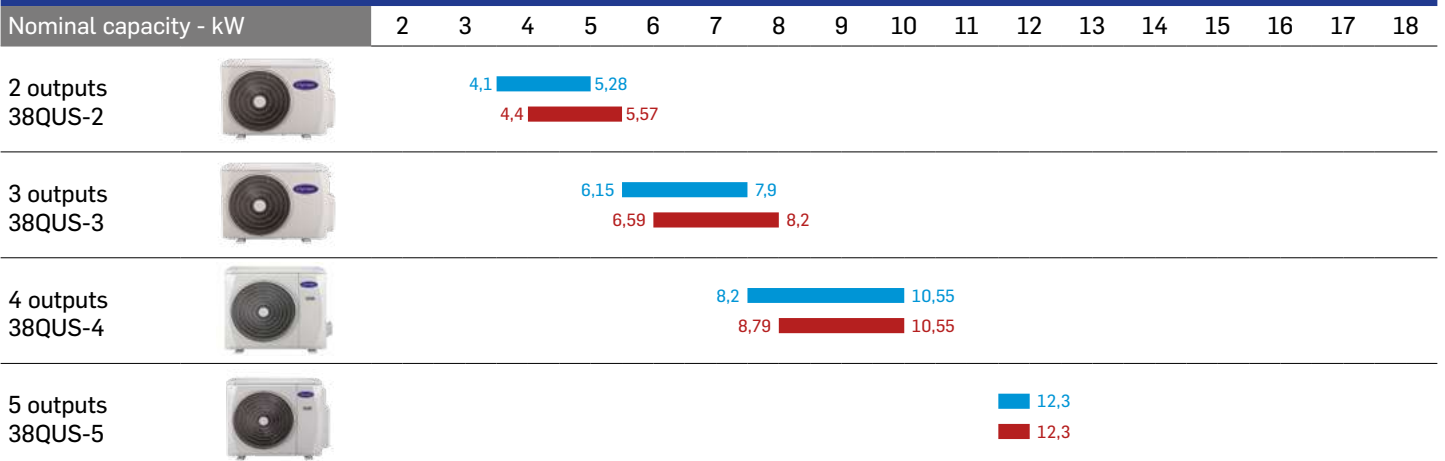
RESIDENTIAL - MONO-SPLIT









LIGHT COMMERCIAL - MONO-SPLIT



MULTI-SPLIT



Controls overview

	INFRARED	WIRED CONTROLLER		CENTRALIZED CONTROLLER	WI-FI	
						
	RG	KJR-120X2*	KJR-120X	CCM09	WI-FI / SMART KIT	WI-FI LC*
APPLICATIONS						
HIGH WALL 42QHP	● RG10	● Requires transfer board: 17222000A58719	-	● 17311500A00145	Included	
HIGH WALL 42QHE	● RG10L	● Requires transfer board: 17317100A28268	● Requires transfer board: 17317100A31589	● Requires transfer board: 17311500A03582	-	-
HIGH WALL 42QHG-H	● RG67G	● Requires transfer board: - 17222000A58719 or - 17222000A58718	● Requires transfer board: - 17222000A58716 or - 17222000A58717	● Requires transfer board: - 17222000A58719 or - 17222000A58718	Wi-Fi ready. Smart kit to be purchased separately as accessory	
HIGH WALL 42QHG	● RG67G	● Requires transfer board: - 17222000A58719 or - 17222000A58718	● Requires transfer board: - 17222000A58716 or - 17222000A58717	● Requires transfer board: - 17222000A58719 or - 17222000A58718	-	
CASSETTE 42QTD 600 x 600	● RG67G	●	-	●	-	Wi-Fi ready. Smart kit to be purchased separately as accessory
CASSETTE 42QTD 900 x 900	● RG67G1	-	●	●	Wi-Fi ready. Smart kit to be purchased separately as accessory	
DUCT 42QSS	● RG67G	-	●	●	-	-
UNDER-CEILING 42QZL	● RG67G	●	-	●	-	Wi-Fi ready. Smart kit to be purchased separately as accessory
Indoor units to be connected	1	1	16	64	1	1
FUNCTIONS						
On/Off	●	●	●	●	●	●
Setpoint temperature adjustment	+16 to +30°C	+17 to +30°C	+17 to +30°C	+17 to +30°C	+17 to +30°C	+17 to +30°C
Locking setpoint temperature limit	●	●	●	-	-	-
Operating mode setting (auto/cooling/dehumidification/heating/ventilation)	●	●	●	●	●	●
Fan speed setting (auto/high/med/low)	●	●	●	●	●	●
Damper oscillation setting (All High Wall range or cassettes)	●	●	●	●	●	●
Individual louver setting (Cassette QTD 900*900)	● RG67G1	●	●	-	-	●
Automatic static pressure adjustment (Duct QSS)	●	-	●	-	-	-
Follow Me	●	●	●	-	-	-
Eco - XECO 50%; 75% Sleep - ECO	●	-	-	-	-	-
Sleep - ECO Sleep	●	-	-	-	●	●
Turbo	●	●	●	-	-	-
Timer	●	●	●	●	●	●
Memorization of setting preferences (My mode)	●	-	-	-	-	-
Frost protection function	●	●	●	●	●	●
Self Clean cleaning	●	-	-	-	-	-
Automatic restart	●	●	●	●	●	●
Keyboard lock	●	●	●	●	n.a.	n.a.
Alarm	●	●	●	●	●	●
Test procedure	-	-	-	-	●	●
Communication with IR remote control	//	●	●	●	●	●
ON/OFF contact (QHG and QHG-H High wall)	-	-	-	-	-	-
Rotation & Back-up (server rooms)	-	-	●	-	-	-
Two connectable controllers	-	-	●	-	-	-
Restriction control for indoor units	-	-	-	●	-	-
Emergency stop of the units	-	-	-	●	-	-
PROGRAMMING						
Programming range	-	daily_weekly	daily_weekly	daily_weekly	daily_weekly	daily_weekly
Number of daily settings 4-wire communication	-	-	-	-	-	-
DISPLAY						
Fault code indication	●	●	●	●	●	●
Time	-	●	●	●	●	●
Date	-	Day	Day	DD/MM/YY	DD/MM/YY	DD/MM/YY
Touch controls	-	●	●	-	●	●

*KJR-120X2 and Wi-Fi LC cannot be connected simultaneously

Control your air conditioners via your smartphone, anywhere, anytime

Split systems can be controlled through the Carrier Air Conditioner Wi-Fi App. Experience full, consistent temperature control at the tip of your fingers!

- **Air conditioner control:** set up on/off status, fan speed, etc
- **Obtain and modify** your desired operation mode and temperature
- **Sleep curve:** customize your comfortable sleep by setting target temperature
- **Time scheduling:** easily program when you want to turn on and off AC on specific time
- **Auto-diagnosis:** check the AC running status. When finishing this procedure, it can display the normal items, abnormal items, and detailed information
- **Energy use:** check electricity curve monthly



Connect the Wi-Fi key to the indoor unit, scan the QR Code or download the "Carrier Air Conditioner" application available on iOS and Android.



Create your account and connect your indoor units.



Access the intuitive interface, control your air conditioner with a simple gesture, turn it on or off, select its operating mode and the desired temperature remotely.

Icons legend

TECHNOLOGY



Active cleaning

Washes away dust, mold, and grease that may cause odors when it adheres to the heat exchanger by automatically freezing and then rapidly thawing the frost.



Dusting switch

DC motor rotates in reverse to get rid of dust.



Auto-defrosting

Increases heating efficiency and energy saving. Only when necessary.



Dry mode

In this mode, priority is given to dehumidifying the air. Low fan speed and compressor cycling is used to achieve this and regulate room temperature. For QHP models, you can also adjust the room humidity during dry operation in a range of 35%–85%.



8°C heating

Prevents home from freezing when unoccupied.



Intelligent self-diagnostic function

Control system automatically checks the operating status and displays any fault code on the display of the indoor unit.



Refrigerant leak detection

Better prevents compressor damage due to refrigerant leakage or overload. Only active in cooling mode.



Automatic reset

Reset to previous operating settings in case of power failure.



Louver position memory

When you restart the unit after powering off, the louver will restore the the direction originally set by the user.



Anti-cold air

Avoids uncomfortable airflow. When the air conditioner is changed into heating mode, the indoor unit will preheat before the fan starts. This delay should only last a few minutes.



Auto mode

Changes the operating mode and capacity according to the temperature difference between the room and the set point.



Two-way draining

Both sides of the indoor unit allow connection of the refrigerant and drainage pipe, easy for installation.

CONFORT



Avoid me

Avoids direct airflow blowing on you.



Follow me

Adjusts the room temperature according to the temperature around the remote control.



Turbo

Helps to cool or heat the environment quickly.



Timer

Ensures energy-savings.



Sleep mode

Maintains the most comfortable sleeping temperature.



Auto-Swing

Allows optimal distribution of the airflow in the room thanks to the directional adjustment of the horizontal deflector.



Bi-directional swing

Using the remote control, the user can adjust the direction of the vertical airflow to suit their needs.



Ultra-silent

Low-noise operation as low as 20 dB.



Mute

Ensures a quiet and comfortable night's sleep by deactivating the acoustic signal and the air conditioning display.

SAVINGS



ECO-mode

For minimum power consumption.



1W standby

In standby mode, the air conditioner consumes only 1 watt.

Split Systems features

	CONFORT									SAVINGS		
	 AVOID ME	 FOLLOW ME	 TURBO MODE	 TIMER	 SLEEP MODE	 AUTO-SWING	 BI-DIRECTIONAL SWING	 ULTRA-SILENT	 MUTE	 ECO-MODE	 1W STANDBY	
RESIDENTIAL MONO-SPLIT												
 38/42 QHP High Wall	●	●	●	●	●	●	●	●	●	●	●	
 38/42 QHE High Wall	●	●	●	●	●	●	●	●	●	●	●	
 38/42 QHG-H High Wall	●	●	●	●	●	●	-	●	●	●	●	
 38/42 QHG High Wall	●	●	●	●	●	●	-	●	●	●	●	
LIGHT COMMERCIAL MONO-SPLIT												
 38QUS/42QTD Cassette 600*600	●	●	●	●	●	●	-	●	-	●	-	
 38QUS/42QTD Cassette 900*900	●	●	●	●	●	●	-	●	-	●	-	
 38QUS/42QSS Duct	-	●	●	●	●	-	-	●	-	●	-	
 38QUS/42QZL Under-Ceiling	-	●	●	●	●	●	●	●	-	●	-	
MULTI-SPLIT												
 QHE High Wall	-	●	●	●	●	●	-	-	●	●	●	
 QHG High Wall	●	●	●	●	●	●	●	-	●	●	●	
 38QUS/42QTD Cassette 600*600	●	●	●	●	●	●	-	-	-	●	-	
 38QUS/42QTD Cassette 900*900	●	●	●	●	●	●	-	-	-	●	-	
 38QUS/42QSS Duct	-	●	●	●	●	-	-	-	-	●	-	
 38QUS/42QZL Under-Ceiling	-	●	●	●	●	●	-	-	-	●	-	
ADDITIONAL RESIDENTIAL OFFER												
 38QUS/42QFD Floor-Standing	-	●	●	●	●	●	●	●	-	-	-	

TECHNOLOGY



ACTIVE CLEANING



DUSTING SWITCH



AUTO-DEFROSTING



DRY MODE



8°C HEATING



INTELLIGENT SELF-DIAGNOSTIC SYSTEM



REFRIGERANT LEAK DETECTION



AUTOMATIC RESET



LOUVER POSITION MEMORY



ANTI-COLD AIR



AUTO MODE



TWO-WAY DRAINING

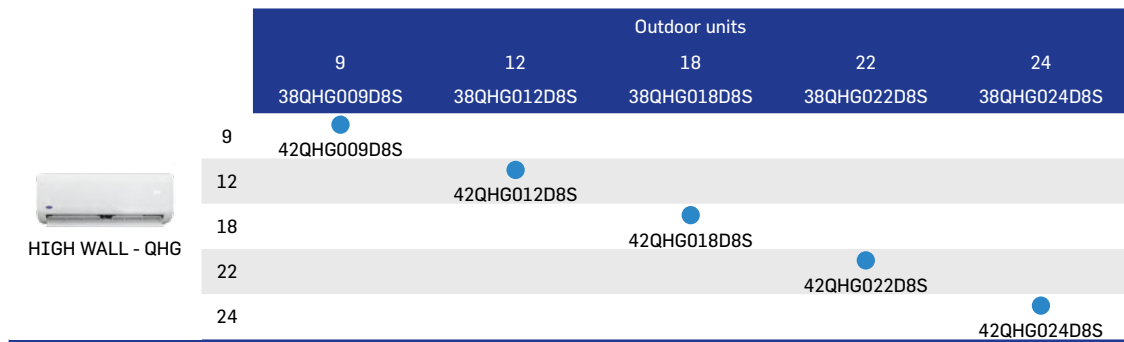
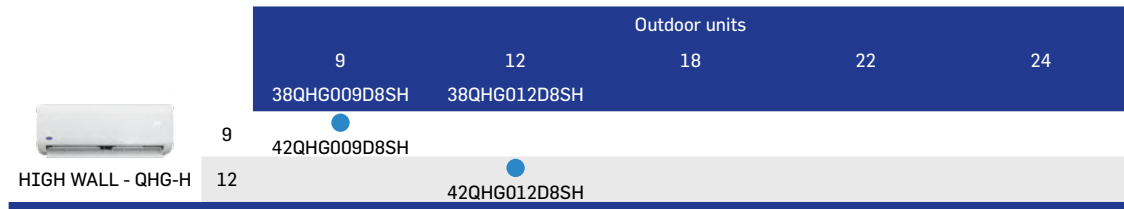
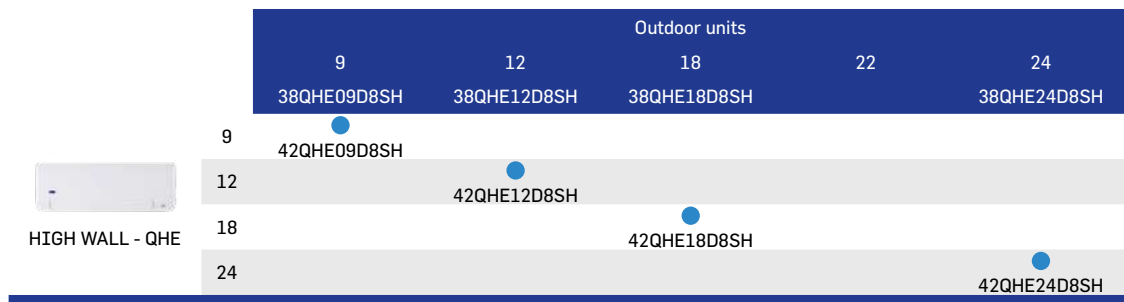
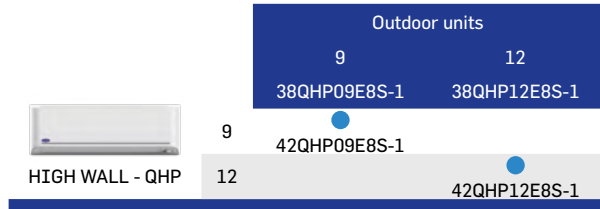
	ACTIVE CLEANING	DUSTING SWITCH	AUTO-DEFROSTING	DRY MODE	8°C HEATING	INTELLIGENT SELF-DIAGNOSTIC SYSTEM	REFRIGERANT LEAK DETECTION	AUTOMATIC RESET	LOUVER POSITION MEMORY	ANTI-COLD AIR	AUTO MODE	TWO-WAY DRAINING
-	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
●	-	●	●	●	●	●	●	●	●	●	●	-
●	1-ph only	●	●	●	●	●	●	●	●	●	●	-
●	1-ph only	●	●	●	●	●	●	●	-	●	●	-
●	1-ph only	●	●	●	●	●	●	●	●	●	●	●
-	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●
●	-	●	●	●	●	●	●	●	●	●	●	-
●	-	●	●	●	●	●	●	●	●	●	●	-
●	-	●	●	●	●	●	●	●	-	●	●	-
●	-	●	●	●	●	●	●	●	●	●	●	●
●	-	●	●	●	●	●	●	●	●	●	●	-

RESIDENTIAL MONO-SPLIT





RESIDENTIAL RANGE





MONO-SPLIT HIGH WALL - R-32 - 38/42 QHP



MONO-SPLIT HIGH WALL
PREMIUM

38/42 QHP

- **High efficiency:** A+++/A+++, SEER: 10, SCOP (average) 5.1
- **Operating range down to -25°C**
- **Intelligent eye:** built-in presence detector to optimize airflow according to user needs.
- **Auto photo-sensitive display:** detects ambient brightness to adjust led display for energy savings and comfortable sleep.
- **Do not display:** automatic display shutdown for nights without disturbing light effects.
- **Humidity sensor:** humidity level can be customized from the Carrier AC App
- **Energy savings:** intelligent eye lowers airflow when you are away for more than 30 minutes and turns it on when coming back.
- **Self-cleaning:** drying of exchanger to prevent mildew.
- **LED display:** temperature, operation features and error codes
- **Infrared remote controller as standard**
- **Wi-Fi control included**



FOLLOW ME	TURBO MODE	TIMER	SLEEP MODE	AUTO-SWING	BI-DIRECTIONAL SWING
ULTRA-SILENT	MUTE	ECO-MODE	1W STANDBY	DUSTING SWITCH	AUTO-DEFROSTING
DRY MODE	8°C HEATING	INTELLIGENT SELF-DIAGNOSTIC SYSTEM	REFRIGERANT LEAK DETECTION	AUTOMATIC RESET	LOUVER POSITION MEMORY
			ANTI-COLD AIR	AUTO MODE	TWO-WAY DRAINING

Accessories

Infrared controller	Wired controller KJR-120X2	CCM09
---------------------	----------------------------	-------



Specifications 38/42 QHP High Wall



COOLING



HEATING

HIGH WALL SYSTEM		QHP09E8S-1	QHP12E8S-1
Cooling capacity	KW	2.64 (1.0-4.1)	3.52 (1.0-4.7)
Heating capacity	kW	4.20 (0.8-5.1)	4.20 (0.8-6.3)
Heating capacity at -7, -10, -15, -20, -25°C	kW	3,8 - 3,6 - 3,5 - 2,9 - 2,7	4,2 - 4,1 - 3,8 - 3,1 - 3,0
P design capacity cooling	kW	2,64	3,52
P design capacity heating (warmer)	kW	3,10	3,10
P design capacity heating (average)	kW	2,40	2,40
P design capacity heating (colder)	kW	3,70	3,70
Temperature range cooling	°C	-25-46	-25-46
Temperature range heating	°C	-25-24	-25-24
SEER/ SCOP(warmer)/ SCOP(average)/ SCOP(colder)	W/W	10 / 6,2 / 5,1 / 4,2	10 / 6,2 / 5,1 / 4,2
Energy label		A+++ / A+++ / A+++ / A+	A+++ / A+++ / A+++ / A+
Yearly energy consumption	kWh	100 / 700 / 647 / 1266	137 / 700 / 647 / 1266
EER/ COP	W/W	5.18 / 4.72	4.40 / 4.72
Voltage, Hz		220-240V~, 50/60Hz	220-240V~, 50/60Hz
Standard current (cooling)	A	3,1	3,7
Standard input (cooling)	W	510	800
Standard current (heating)	A	4,0	4,0
Standard input (heating)	W	890	890
Rated current	A	10,0	13,0
Rated input	W	2415	3105
Refrigerant amount	kg	0,87	0,87
Liquid side/ Gas side	mm(inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")
Standard piping length	m	5	5
Min. piping length	m	3	3
Max. piping length	m	25	25
Max. difference	m	10	10
Additional charge	g/m	12	12
INDOOR UNIT		42QHP09E8S-1	42QHP12E8S-1
Indoor fan motor Input	W	60	60
Indoor fan motor max current	A	0,7	0,7
Sound power level	dB(A)	60	60
Sound pressure level (high/med/low/silence)	dB(A)	41/38/26/21	42/39/28/22
Airflow (high/med/low/silence)	m³/h	540/460/340/190	570/490/360/210
Weight (Net/Gross)	kg	13.0 / 17.0	13.0 / 17.0
Dimensions (WxDxH)	mm	895×248×298	895×248×298
Packing (WxDxH)	mm	985×330×370	985×330×370
OUTDOOR UNIT		38QHP09E8S-1	38QHP12E8S-1
Sound power level	dB(A)	61	63
Sound pressure level	dB(A)	58	58
Airflow	m³/h	2000	2000
Weight (Net/Gross)	kg	36.5 / 40.0	36.5 / 40.0
Dimensions (WxDxH)	mm	800×333×554	800×333×554
Packing (WxDxH)	mm	920×390×615	920×390×615

Note

* Sound data @ cooling mode

* -7°C/-10°C/-15°C/-20°C/-25°C heating @ free frequency

ACCESSORIES	CODE
KJR-120X2 controller	KJR-120X2
Transfer board for KJR-120X2 (QHP sizes 9, 12)	17222000A58719

ACCESSORIES	CODE
Infrared controller	RG10
CCM09 controller	CCM09
Transfer board for CCM09	17311500A00145

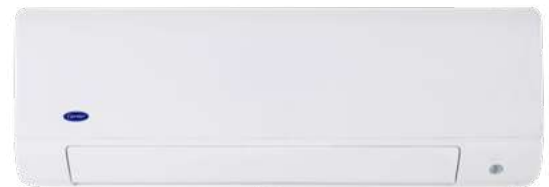
MONO-SPLIT HIGH WALL - R-32 - 38/42 QHE



MONO-SPLIT HIGH WALL HIGH EFFICIENCY

38/42 QHE

- **High efficiency model:** A+++/A++ (9-12) & A+++/A+ (18&24)
- **Intelligent eye:** built-in presence detector to optimize airflow according to user needs.
- **Gear feature:** 3 operating power options: 50%, 75%, and 100%, for energy-savings
- **High density filter and cold-catalyst filter:** eliminates volatile organic compounds (VOC), as well as odors
- **Comfortable airflow** with adjustable airflow from 0 to 100%
- **Low noise** as low as 22 dB
- **LED display:** temperature, operation features and error codes
- **Avoid me:** avoids direct airflow blowing on you
- **Active Clean technology:** cleans the interior heat exchanger
- **Dusting switch:** DC motor rotates in reverse to get rid of dust
- **Golden Fin anti-corrosion protection** of the condenser
- **Infrared remote controller as standard**
- **Indoor unit compatible Mono & Multi-split system**
- Wi-Fi control as option with Smart Kit



Accessories





Specifications 38/42 QHE High Wall



COOLING



HEATING

HIGH WALL SYSTEM		38QHE09D8SH	38QHE12D8SH	38QHE18D8SH	38QHE24D8SH
Cooling capacity	KW	2.64(1.32-3.81)	3.50(1.32-3.96)	5.20(3.75-6.13)	6.85(2.11-8.21)
Heating capacity	kW	3.00 (0.88-4.40)	3.85(0.88-4.54)	5.65(2.58-6.77)	7.30(1.55-8.21)
Heating capacity at -7, -10, -15°C	kW	3,1 - 2,3 - 2,1	3,2 - 2,8 - 2,3	4,4 - 3,8 - 3,2	6,6 - 6,0 - 5,5
P design capacity cooling	kW	2,64	3,50	5,20	6,85
P design capacity heating (warmer)	kW	2,55	2,50	4,47	5,55
P design capacity heating (average)	kW	2,40	2,40	4,30	5,00
Temperature range cooling	°C	-15-50	-15-50	-15-50	-15-50
Temperature range heating	°C	-15-24	-15-24	-15-24	-15-24
SEER / SCOP (warmer) / SCOP (average)	W/W	9.0/6.0/4.6	8.5 / 5.4 / 4.6	8.5/5.6/4.4	8.6/5.4/4.2
Energy label		A+++/A+++/A++	A+++/A+++/A++	A+++/A+++/A+	A+++/A+++/A+
Yearly energy consumption	kWh	103/595/731	144/ 648/ 731	215/1118/1369	279 / 1439 / 1667
EER/COP	W/W	4.80/4.51	4.07/4.01	4.00/3.77	4.03/3.74
Voltage, Hz		220-240V,1Ph,50/60Hz	220-240V,1Ph,50/60Hz	220-240V,1Ph,50/60Hz	220-240V,1Ph,50/60Hz
Standard current (cooling)	A	2,65	3,90	5,70	7,30
Standard input (cooling)	W	550	860	1300	1700
Standard current (heating)	A	3,05	4,40	6,50	8,60
Standard input (heating)	W	665	960	1500	1950
Rated current	A	10.5	10.5	13,0	19,0
Rated input	W	2300	2300	2800	3700
Refrigerant amount	kg	0.69	0.69	1.1	1.5
Liquid side /Gas side	mm(inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø12.7 (1/4"/1/2")	Ø6.35/Ø15.9(1/4"/5/8")
Standard piping length	m	5	5	5	5
Min piping length	m	3	3	3	3
Max piping length	m	25	25	30	50
Max difference	m	10	10	20	25
Additional charge	g/m	12	12	12	12
INDOOR UNIT		42QHE09D8SH	42QHE12D8SH	42QHE18D8SH	42QHE24D8SH
Indoor fan motor input	W	50.0	50.0	36.0	58.0
Indoor fan motor max current	A	0,16	0,16	0,11	0,21
Sound power level	dB(A)	60	60	60	65
Sound pressure level (Min. ~ Max.)	dB(A)	21-37	22-40	22-41	21-42
Air flow (Min. ~ Max.)	m³/h	280-530	290-560	400-685	380-1090
Weight (Net/Gross)	kg	10.2/13.0	10.2/13.0	12.3/16.4	20.0/25.3
Dimensions (WxDxH)	mm	795x225x295	795x225x295	965x239x319	1140x275x370
Packing (WxDxH)	mm	870x370x305	870x370x305	1045x400x325	1230x455x355
OUTDOOR UNIT		38QHE09D8SH	38QHE12D8SH	38QHE18D8SH	38QHE24D8SH
Sound power level	dB(A)	65	65	65	69
Sound pressure level	dB(A)	57,0	57,5	56,0	58.5
Airflow	m³/h	2200	2200	3500	3500
Weight (Net/Gross)	kg	28.4/31	28.4/31.0	38.8/41.9	45.6/48.8
Dimensions (WxDxH)	mm	805x330x554	805x330x554	890x342x673	890x342x673
Packing (WxDxH)	mm	915x370x615	915x370x615	995x398x740	995x398x740

Note

* Sound data @ cooling mode

* -7°C/-15°C/-20°C heating @ free frequency

ACCESSORIES	CODE
KJR-120X controller	KJR120X
Transfer board for KJR-120X (QHE)	17317100A31589
KJR-120X2 controller	KJR-120X2
Transfer board for KJR-120X2 (QHE)	17317100A28268

ACCESSORIES	CODE
Infrared controller	RG10L
CCM09	CCM09
Transfer board for CCM09	17311500A03582
Smart Kit - Wi-Fi USB Key	17310900A03781

MONO-SPLIT HIGH WALL - R-32 - 38/42 QHG-H



MONO-SPLIT HIGH WALL MEDIUM EFFICIENCY

38/42 QHG-H

- **Medium efficiency model:** A+++/A+, SEER: 8.5, SCOP (average) ≥ 4.2
- **Comfortable airflow** with adjustable airflow from 0 to 100%
- **High density filter and cold-catalyst filter:** eliminates volatile organic compounds (VOC), as well as odors
- **Low noise** as low as 21 dB
- **LED display:** temperature, operation features and error codes
- **Avoid me:** avoids direct airflow blowing on you
- **Active Clean technology:** cleans the interior heat exchanger
- **Dusting switch:** DC motor rotates in reverse to get rid of dust
- **Golden Fin anti-corrosion protection** of the condenser
- **Infrared remote controller as standard**
- Wi-Fi control as option with Smart Kit



Accessories





Specifications 38/42 QHG-H High Wall



HIGH WALL SYSTEM		QHG009D8SH	QHG012D8SH
Cooling capacity	KW	2.64 (1.03-3.22)	3.36(1.38-4.31)
Heating capacity	kW	2.85 (0.82-3.37)	3.81(1.07-4.38)
Heating capacity at -7, -15, -20°C	kW	2,50 - 2,00 - 1,60	2,50 - 2,00 - 1,60
P design capacity cooling	kW	2,64	3,36
P design capacity heating (warmer)	kW	2,50	2,60
P design capacity heating (average)	kW	2,60	2,60
Temperature range cooling	°C	-15-50	-15-50
Temperature range heating	°C	-15-24	-15-24
SEER / SCOP (warmer) / SCOP (average)	W/W	8.5 / 5.4 / 4.2	8.5 / 5.8 / 4.3
Energy label		A+++ / A+++ / A+	A+++ / A+++ / A+
Yearly energy consumption	kWh	109 / 648 / 867	138 / 628 / 846
EER/COP	W/W	4.00 / 4.07	3.91 / 3.81
Voltage, Hz		220-240V~, 50/60Hz	220-240V~, 50/60Hz
Standard current (cooling)	A	2,90	3,80
Standard input (cooling)	W	660	860
Standard current (heating)	A	3,10	4,40
Standard input (heating)	W	700	1000
Rated current	A	10,0	10,0
Rated input	W	2150	2150
Refrigerant amount	kg	0,62	0,62
Liquid side/Gas side	mm(inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")
Standard piping length	m	5	5
Min. piping length	m	3	3
Max. piping length	m	25	25
Max. difference	m	10	10
Additional charge	g/m	12	12
INDOOR UNIT		42QHG009D8SH	42QHG012D8SH
Indoor fan motor input	W	20	20
Indoor fan motor max current	A	0,5	0,5
Sound power level	dB(A)	57	60
Sound pressure level (Min. ~ Max.)	dB(A)	21-37	21-38
Airflow (Min. ~ Max.)	m³/h	160-510	170-520
Weight (Net/Gross)	kg	8.7/11.5	8.7/11.3
Dimensions (W×D×H)	mm	835×208×295	835×208×295
Packing (W×D×H)	mm	905×290×355	905×290×355
OUTDOOR UNIT		38QHG009D8SH	38QHG012D8SH
Sound power level	dB(A)	61	65
Sound pressure level	dB(A)	54	55
Airflow	m³/h	2150	2200
Weight (Net/Gross)	kg	26.2/28.8	26.4/28.8
Dimensions (W×D×H)	mm	765×303×555	765×303×555
Packing (W×D×H)	mm	887×337×610	887×337×610

Note

* Sound data @ cooling mode

* -7°C/-15°C/-20°C heating @ free frequency

ACCESSORIES	CODE
KJR-120X controller	KJR120X
Transfer board for KJR-120X (QHG/QHGH sizes 7, 9, 12)	17222000A58716
Transfer board for KJR-120X (QHG sizes 18,22,24)	17222000A58717
KJR-120X2 controller	KJR-120X2
Transfer board for KJR-120X2 (QHG/QHGH sizes 7, 9, 12)	17222000A58719
Transfer board for KJR-120X2 (QHG sizes 18,22,24)	17222000A58718

ACCESSORIES	CODE
Infrared controller	RG67G
CCM09 controller	CCM09
Transfer board for CCM09 (QHG/QHGH sizes 7, 9, 12)	17222000A58719
Transfer board for CCM09 (QHG sizes 18,22,24)	17222000A58718
Smart Kit - Wi-Fi USB Key	17310900A03781

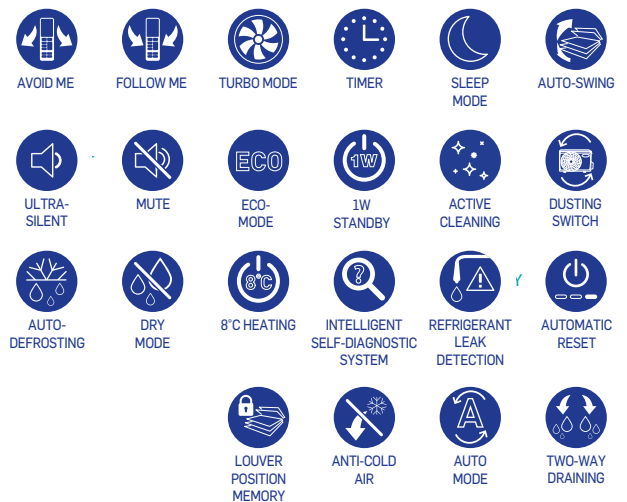
MONO-SPLIT HIGH WALL - R-32 - 38/42 QHG



MONO-SPLIT HIGH WALL STANDARD EFFICIENCY

38/42 QHG

- **Standard efficiency model:** A++/A+
- **Comfortable airflow** with adjustable airflow from 0 to 100%
- **High density filter and cold-catalyst filter:** eliminates volatile organic compounds (VOC), as well as odors
- **Low noise** as low as 20 dB
- **LED display:** temperature, operation features and error codes
- **Avoid me:** avoids direct airflow blowing on you
- **Active Clean technology:** cleans the interior heat exchanger
- **Dusting switch:** DC motor rotates in reverse to get rid of dust
- **Golden Fin anti-corrosion protection** of the condenser
- **Infrared remote controller as standard**
- **Indoor unit compatible Mono & Multi-split system**
- Wi-Fi control as option with Smart Kit



Accessories





Specifications 38/42 QHG High Wall



COOLING



HEATING

HIGH WALL SYSTEM		QHG009D8S	QHG012D8S	QHG018D8S	QHG022D8S	QHG024D8S
Cooling capacity	KW	2.75 (1.0-3.2)	3.65 (1.4-4.3)	5.28 (3.4-5.9)	6.25 (2.1-8.2)	7.04 (2.1-8.2)
Heating capacity	kW	2.90 (0.8-3.4)	3.90 (1.1-4.4)	5.46 (3.1-5.8)	7.24 (1.5-8.2)	7.50 (1.5-8.2)
Heating capacity at -7, -10, -15°C	kW	2,5 - 2,0 - 1,65	2,7 - 2,1 - 1,7	4,3 - 3,5 - 2,5	5,8 - 5,5 - 4,5	5,8 - 5,5 - 4,5
P design capacity cooling	kW	2,75	3,65	5,28	6,25	7,04
P design capacity heating (warmer)	kW	2,50	2,50	4,50	6,40	6,40
P design capacity heating (average)	kW	2,50	2,50	4,10	5,20	5,20
Temperature range cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50
Temperature range heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24
SEER / SCOP (warmer) / SCOP (average)	W/W	7.4 / 5.3 / 4.1	7.0 / 5.5 / 4.2	7.0 / 5.1 / 4.0	6.6 / 5.1 / 4.0	6.5 / 5.1 / 4.0
Energy label		A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+
Yearly energy consumption	kWh	130 / 660 / 854	182 / 636 / 833	264 / 1235 / 1435	331 / 1757 / 1820	379 / 1757 / 1820
EER/COP	W/W	3.59 / 3.87	3.23 / 3.71	3.41 / 3.82	3.25 / 3.74	2.82 / 3.41
Voltage, Hz		220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz
Standard current (cooling)	A	3,50	5,00	6,80	8,40	10,90
Standard input (cooling)	W	765	1130	1550	1925	2500
Standard current (heating)	A	3,40	4,60	6,30	8,45	9,60
Standard input (heating)	W	760	1050	1430	1935	2200
Rated current	A	10,0	10,0	13,0	19,0	19,0
Rated input	W	2150	2150	2500	3700	3700
Refrigerant amount	kg	0,60	0,65	1,10	1,45	1,45
Liquid side/Gas side	mm(inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø12.7 (1/4"/1/2")	Ø9.52/Ø15.9 (3/8"/5/8")	Ø9.52/Ø15.9 (3/8"/5/8")
Standard piping length	m	5	5	5	5	5
Min. piping length	m	3	3	3	3	3
Max. piping length	m	25	25	30	40	40
Max. difference	m	10	10	20	20	20
Additional charge	g/m	12	12	12	24	24
INDOOR UNIT		42QHG009D8S	42QHG012D8S	42QHG018D8S	42QHG022D8S	42QHG024D8S
Indoor fan motor input	W	22	20	36	60	60
Indoor fan motor max current	A	0,5	0,5	0,5	0,7	0,7
Sound power level	dB(A)	56	56	58	63	63
Sound pressure level (Min. ~ Max.)	dB(A)	20-37	20-37	21-41	22-47	22-47
Airflow (Min. ~ Max.)	m³/h	180-460	195-530	300-800	480-1090	480-1090
Weight (Net/Gross)	kg	8.0/10.5	8.7/11.5	11.2 / 14.6	13.6 / 17.3	13.6 / 17.3
Dimensions (WxDxH)	mm	726x210x291	835x208x295	969x241x320	1083x244x336	1083x244x336
Packing (WxDxH)	mm	790x270x375	905x290x355	1045x315x405	1155x315x415	1155x315x415
OUTDOOR UNIT		38QHG009D8S	38QHG012D8S	38QHG018D8S	38QHG022D8S	38QHG024D8S
Sound power level	dB(A)	63	64	65	69	69
Sound pressure level	dB(A)	55,5	56	57	60	60
Airflow	m³/h	1750	1800	2100	3500	3500
Weight (Net/Gross)	kg	23.5/25.4	23.7/25.5	33.5 / 36.1	43.9 / 46.9	43.9 / 46.9
Dimensions (WxDxH)	mm	720x270x495	720x270x495	805x330x554	890x342x673	890x342x673
Packing (WxDxH)	mm	835x300x540	835x300x540	915x370x615	995x398x740	995x398x740

Note

* Sound data @ cooling mode

* -7°C/-15°C/-20°C heating @ free frequency

ACCESSORIES	CODE
KJR-120X2 controller	KJR-120X2
Transfer board for KJR-120X2 (QHG/QHGH sizes 7, 9, 12)	17222000A58719
Transfer board for KJR-120X2 (QHG sizes 18,22,24)	17222000A58718
KJR-120X controller	KJR120X
Transfer board for KJR-120X (QHG/QHGH sizes 7, 9, 12)	17222000A58716
Transfer board for KJR-120X (QHG sizes 18,22,24)	17222000A58717

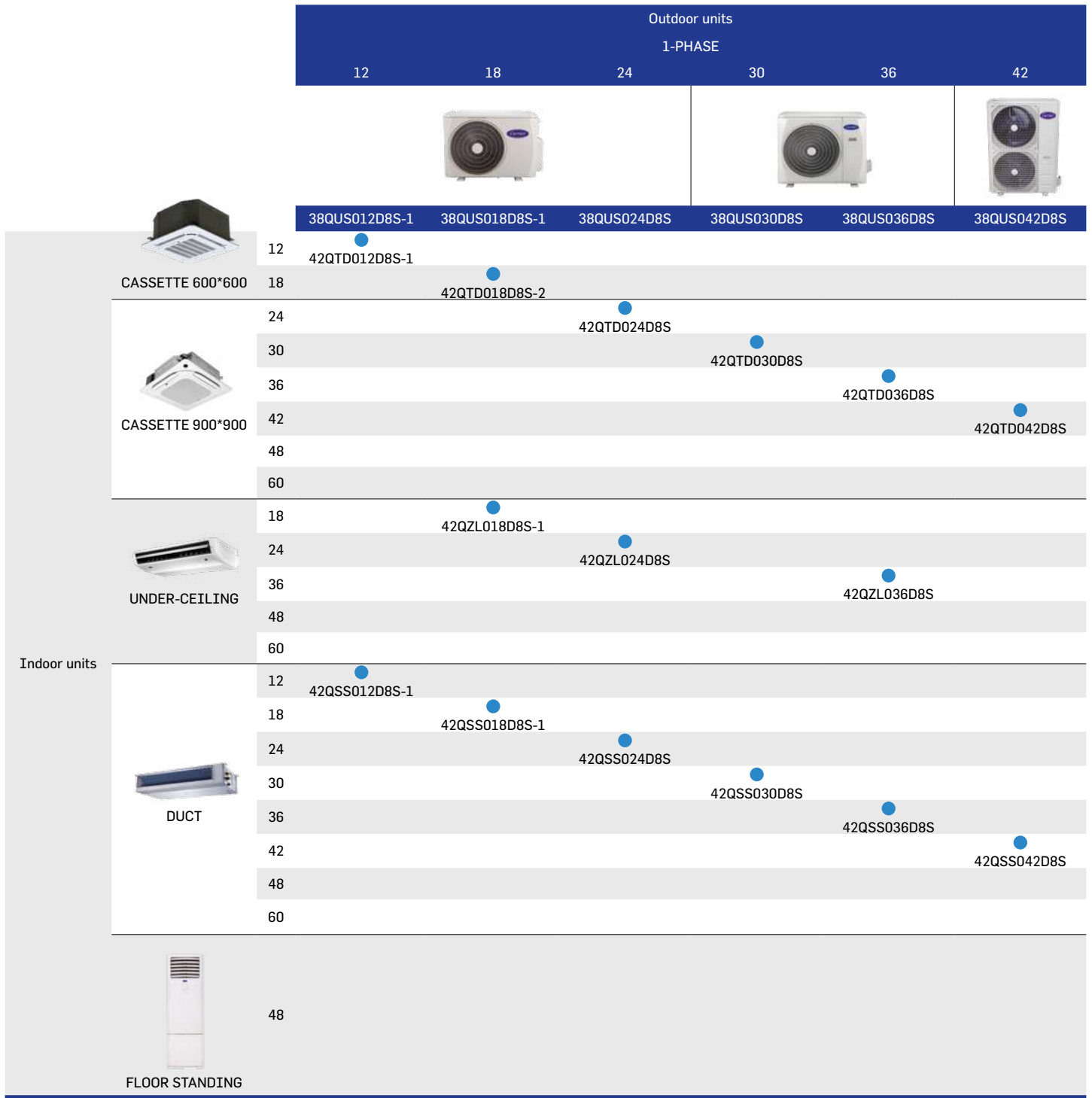
ACCESSORIES	CODE
Infrared controller	RG67G
CCM09 controller	CCM09
Transfer board for CCM09 (QHG/QHGH sizes 7, 9, 12)	17222000A58719
Transfer board for CCM09 (QHG sizes 18,22,24)	17222000A58718
Smart Kit - Wi-Fi USB Key	17310900A03781

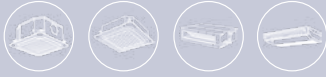
LIGHT COMMERCIAL MONO-SPLIT





MONO-SPLIT RANGE





Outdoor units		
3-PHASE		
36	48	60



38QUS036D8T	38QUS048D8T	38QUS060D8T
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CASSETTE 600*600

12

18



CASSETTE 900*900

24

30

36

42QTD036D8S

42

48

42QTD048D8S

60

42QTD060D8S



UNDER-CEILING

18

24

36

42QZL036D8S

48

42QZL048D8S

60

42QZL060D8S

Indoor units



DUCT

12

18

24

30

36

42QSS036D8S

42

48

42QSS048D8S

60

42QSS060D8S



FLOOR STANDING

48

42QFD048D8S

MONO-SPLIT CASSETTE 600*600 - R-32 - 38QUS / 42QTD



MONO-SPLIT CASSETTE 600*600 38QUS / 42QTD

- **Compact design** (casing 600*600 mm) with 360° air flow panel for optimal room distribution
- **Standard dimensions** compatible with flex-ceilings
- **Easy access to unit components** by opening the grille or removing the front panel
- Integrated, easy to access and connected **drain pump** (750 mm lift height)
- **Dry contact available for remote control:** operation conditioned to the correct closing of a window
- **Alarm report** possible on a fault signaled by the PCB
- **Infrared remote controller as standard**
- **Compatible with Mono and Multi-split system, and Twin systems**



Accessories





Specifications 42QTD Cassette 600*600



		1 phase	
CASSETTE SYSTEM		SIZE12	SIZE 18
Cooling capacity	KW	3.50 (0.85-4.11)	5.30 (2.90-5.59)
Heating capacity	kW	4.20 (0.47-4.31)	5.55 (2.37-6.10)
Heating capacity at -7, -10, -15°C	kW	3,00 - 2,75 - 2,50	4,10 - 3,75 - 3,50
P design capacity cooling	kW	3,50	5,30
P design capacity heating (average)	kW	2,75	4,20
P design capacity heating (warmer)	kW	3,30	5,40
SEER/SCOP(average)/SCOP(warmer)	W/W	6.8 / 4.1 / 5.3	6.3 / 4.0 / 4.9
Energy label	-	A++ / A+ / A+++	A++ / A+ / A++
Yearly energy consumption	kWh	180 / 939 / 872	294 / 1470 / 1543
EER/COP	W/W	3.25 / 3.75	3.21 / 3.47
Standard current (cooling)	A	5,00	7,5
Standard input (cooling)	W	1075	1650
Standard current (heating)	A	5,20	7,0
Standard input (heating)	W	1120	1600
OUTDOOR UNIT		38QUS012D8S-1	38QUS018D8S-1
Temperature range cooling	°C	-15-50	-15-50
Temperature range heating	°C	-15-24	-15-24
Voltage/Hz/Ph	-	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph
Rated current	A	9,0	13,5
Rated input	W	1850	2950
Refrigerant amount (R-32)	kg/TCO2	0.72/0.486	1.15/0.776
Liquid side/Gas side	mm(inch)	Ø6.35 / Ø9.52 (1/4" / 3/8")	Ø6.35 / Ø12.7 (1/4" / 1/2")
Standard piping length	m	5	5
Min. piping length	m	3	3
Max. piping length	m	25	30
Max. difference	m	10	20
Additional charge	g/m	12	12
Sound power level	dB(A)	62	67
Sound pressure level	dB(A)	54	59
Airflow	m³/h	2200	2100
Weight (Net/Gross)	kg	26.6/29.0	32.5/35.2
Dimensions (W×D×H)	mm	765x303x555	805x330x554
Packing (W×D×H)	mm	887x337x610	915x370x615
INDOOR UNIT		42QTD012D8S-1	42QTD018D8S-2
Indoor fan motor input	W	145	145
Indoor fan motor max current	A	0,47	0,47
Sound power level	dB(A)	57	58
Sound pressure level (high/med/low)	dB(A)	42.0/37.5/34.5	45.4/44.0/39.0
Air flow (high/med/low)	m³/h	570/485/390	680/585/480
External static pressure	Pa	0	0
Weight (Net/Gross)(Body)	kg	16.3/20.4	16.0/20.6
Weight (Net/Gross)(Panel)	kg	2.5/4.5	2.5/4.5
Dimensions (W×D×H)(Body)	mm	570x570x260	570x570x260
Packing (W×D×H)(Body)	mm	662x662x317	662x662x317
Dimensions (W×D×H)(Panel)	mm	647x647x50	647x647x50
Packing (W×D×H)(Panel)	mm	715x715x123	715x715x123

Note
* Sound data @ cooling mode

ACCESSORIES	CODE
Panel 600*600	40CAS-S4
Infrared controller	RG67G
KJR-120X2 controller	KJR-120X2

ACCESSORIES	CODE
CCM09 controller	CCM09
Light commercial Wi-Fi	17310900A02621

MONO-SPLIT CASSETTE 900*900 - R-32 - 38QUS / 42QTD



MONO-SPLIT CASSETTE 900*900
38QUS / 42QTD

- **Slim design** (205 mm height) with 360° air flow panel for optimal room distribution
- **Easy access to unit components** by opening the grille or removing the front panel
- Integrated, easy to access and connect **drain pump** with a maximum condensate lift height of 750 mm
- **Dry contact available for remote control:** operation conditioned to the correct closing of a window
- **Alarm report** possible on a fault signaled by the PCB
- **Infrared remote controller as standard**
- **Compatible with Mono and Multi-split system, and Twin systems**





Specifications 42QTD Cassette 900*900 1-PHASE



		1 phase			
CASSETTE SYSTEM		SIZE 24	SIZE 30	SIZE 36	SIZE 42
Cooling capacity	KW	7.04(3.30-7.91)	8.80(2.23-9.38)	10.50(3.90-10.60)	12.00(2.93-12.31)
Heating capacity	kW	7.50(2.81-8.94)	10.00(2.70-9.73)	11.00(2.90-13.50)	13.20(3.37-14.07)
Heating capacity at -7, -10, -15°C	kW	6,00 - 5,80 - 5,20	6,40 - 6,00 - 5,40	9,20 - 8,20 - 7,40	9,30 - 8,90 - 7,90
Pdesign capacity cooling	kW	7,04	8,80	10,50	12,00
Pdesign capacity heating (average)	kW	6,00	7,50	8,20	9,50
Pdesign capacity heating (warmer)	kW	6,30	7,60	10,10	9,80
SEER/SCOP(average)/SCOP(warmer)	W/W	6.3 / 4.0 / 5.5	6.8 / 4.2 / 5.8	6.8 / 4.0 / 5.2	6.2 / 4.0 / 5.5
Energy label	-	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++
Yearly energy consumption	kWh	391 / 2100 / 1604	453 / 2500 / 1834	540 / 2870 / 2719	677 / 3325 / 2495
EER/COP	W/W	2.82 / 4.05	3.14 / 4.00	2.63 / 3.55	2.82 / 3.59
Standard current (cooling)	A	11,0	12,5	17,5	19,0
Standard input (cooling)	W	2500	2800	4000	4260
Standard current (heating)	A	8,5	11,0	13,5	16,5
Standard input (heating)	W	1850	2500	3100	3680

OUTDOOR UNIT		38QUS024D8S	38QUS030D8S	38QUS036D8S	38QUS042D8S
Temperature range cooling	°C	-15-50	-15-50	-15-50	-15-50
Temperature range heating	°C	-15-24	-15-24	-15-24	-15-24
Voltage/Hz/Ph	-	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph
Rated current	A	19,0	20,0	22,5	22,5
Rated input	W	3700	4500	5000	5000
Refrigerant amount (R-32)	kg/TCO2	1.50/1.012	2.0/1.350	2.40/1.620	2.80/1.890
Liquid side/Gas side	mm(inch)	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")
Standard piping length	m	5	5	5	5
Min. piping length	m	3	3	3	3
Max. piping length	m	50	50	65	65
Max. difference	m	25	25	30	30
Additional charge	g/m	24	24	24	24
Sound power level	dB(A)	69	72	72	75
Sound pressure level	dB(A)	60	63	63	63
Airflow	m³/h	3500	3800	4000	4000
Weight (Net/Gross)	kg	43.9/46.9	52.8/57.3	66.9 / 71.5	71.0/75.0
Dimensions (WxDxH)	mm	890x342x673	946x410x810	946x410x810	946x410x810
Packing (WxDxH)	mm	995x398x740	1090x500x885	1090x500x885	1090x500x885

INDOOR UNIT		42QTD024D8S	42QTD030D8S	42QTD036D8S	42QTD042D8S
Indoor fan motor input	W	120	240	240	240
Indoor fan motor max current	A	0,39	1,90	1,90	1,90
Sound power level	dB(A)	59	64	65	66
Sound pressure level (high/med/low)	dB(A)	50.0/47.5/42.0	50.5/48.0/46.0	51.0/48.0/46.0	52.5/50.0/47.5
Air flow (high/med/low)	m³/h	1250/1120/995	1700/1530/1300	1700/1530/1300	1900/1750/1600
External static pressure	Pa	0	0	0	0
Weight (Net/Gross)(Body)	kg	21.6/25.4	24.6/28.6	27.2/31.2	29.3/33.5
Weight (Net/Gross)(Panel)	kg	6.0 / 9.0	6.0 / 9.0	6.0/9.0	6.0/9.0
Dimensions (WxDxH)(Body)	mm	830x830x205	830x830x245	830x830x245	830x830x287
Packing (WxDxH)(Body)	mm	910x910x250	910x910x290	910x910x290	910x910x330
Dimensions (WxDxH)(Panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55
Packing (WxDxH)(Panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90

Note
 * Sound data @ cooling mode
 * -7°C/-10°C/-15°C heating capacity @ free frequency

ACCESSORIES	CODE
Panel 900*900	40CAS-L6
Infrared controller	RG67G1
KJR-120X controller	KJR120X

ACCESSORIES	CODE
CCM09 controller	CCM09
Smart Kit - Wi-Fi USB Key	17310900A03781

MONO-SPLIT CASSETTE 900*900 - R-32 - 38QUS / 42QTD

Specifications 42QTD Cassette 900*900 3-PHASE



CASSETTE SYSTEM		3 phases		
		SIZE 36	SIZE 48	SIZE 60
Cooling capacity	KW	10.50(4.00-10.70)	14.00(3.52-15.83)	15.00(5.20-16.70)
Heating capacity	kW	11.00(2.90-14.10)	16.00(4.10-17.29)	18.00(4.30-19.30)
Heating capacity at -7, -10, -15°C	kW	8,90 - 7,60 - 7,00	12,50 - 10,50 - 10,30	13,50 - 11,50 - 11,00
Pdesign capacity cooling	kW	10,50	14,00	15,00
Pdesign capacity heating (average)	kW	8,00	10,80	11,80
Pdesign capacity heating (warmer)	kW	10,10	12,00	12,50
SEER/SCOP(average)/SCOP(warmer)	W/W	6.4 / 4.0 / 5.1	6.1 / 4.0 / 5.1	6.3 / 4.0 / 5.2
Energy label	-	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++
Yearly energy consumption	kWh	574 / 2800 / 2772	803 / 3780 / 3294	833 / 4130 / 3365
EER/COP	W/W	2.59 / 3.61	3.01 / 3.49	2.97 / 3.21
Standard current (cooling)	A	6,5	8,5	9,0
Standard input (cooling)	W	4050	4650	5050
Standard current (heating)	A	5,5	8,0	10,0
Standard input (heating)	W	3050	4580	5600
OUTDOOR UNIT		38QUS036D8T	38QUS048D8T	38QUS060D8T
Temperature range cooling	°C	-15-50	-15-50	-15-50
Temperature range heating	°C	-15-24	-15-24	-15-24
Voltage/Hz/Ph	-	380-415V / 50Hz / 3Ph	380-415V / 50Hz / 3Ph	380-415V / 50Hz / 3Ph
Rated current	A	10,0	13,0	14,0
Rated input	W	5000	6900	7500
Refrigerant amount (R-32)	kg/TCO2	2.40/1.620	2.90/1.958	3.00/2.025
Liquid side/Gas side	mm(inch)	Ø9.52/Ø15.9 (3/8"/5/8")	Ø9.52/Ø15.9 (3/8"/5/8")	Ø9.52/Ø15.9 (3/8"/5/8")
Standard piping length	m	5	5	5
Min. piping length	m	3	3	3
Max. piping length	m	65	65	65
Max. difference	m	30	30	30
Additional charge	g/m	24	24	24
Sound power level	dB(A)	71	75	75
Sound pressure level	dB(A)	63	63,5	64
Airflow	m³/h	4000	7500	7500
Weight (Net/Gross)	kg	80.5 / 85.0	103.7/118.3	107.0/121.2
Dimensions (WxDxH)	mm	946x410x810	952x415x1333	952x415x1333
Packing (WxDxH)	mm	1090x500x885	1095x495x1480	1095x495x1480
INDOOR UNIT		42QTD036D8S	42QTD048D8S	42QTD060D8S
Indoor fan motor input	W	240	240	240
Indoor fan motor max current	A	1,90	1,90	1,90
Sound power level	dB(A)	65	66	67
Sound pressure level (high/med/low)	dB(A)	51.0/49.0/46.0	52.5/50.5/48.0	54.5/52.0/49.5
Air flow (high/med/low)	m³/h	1700/1530/1300	1900/1750/1600	2000/1850/1650
External static pressure	Pa	0	0	0
Weight (Net/Gross)(Body)	kg	27.2/31.2	29.3/33.5	29.3/33.5
Weight (Net/Gross)(Panel)	kg	6.0/9.0	6.0 / 9.0	6.0 / 9.0
Dimensions (WxDxH)(Body)	mm	830x830x245	830x830x287	830x830x287
Packing (WxDxH)(Body)	mm	910x910x290	910x910x330	910x910x330
Dimensions (WxDxH)(Panel)	mm	950x950x55	950x950x55	950x950x55
Packing (WxDxH)(Panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90

Note
 * Sound data @ cooling mode
 * -7°C/-10°C/-15°C heating capacity @ free frequency



MONO-SPLIT DUCT - R-32 - 38QUS / 42QSS



MONO-SPLIT DUCT 38QUS / 42QSS

- **Slim profile**
- **Easy installation and maintenance**
- **Dry contact available for remote control:** zoning plenum to cut off the unit if all its motorized dampers are completely closed or operation conditioned to the correct closing of a window
- Integrated **drain pump**, easy to access and connect, with a maximum lifting height of 750 mm
- **Automatic static pressure** control, maximum static pressure of 160 Pa
- **Alarm report** possible on a fault signaled by the PCB
- **Air intake** easily modified on site to obtain an air intake under the unit, delivered with a rear intake
- **Infrared remote controller as standard**
- **Compatible with Mono and Multi-split system, and Twin systems**



Accessories





Specifications 42QSS Duct 1-PHASE



		1 phase					
DUCT SYSTEM		SIZE 12	SIZE 18	SIZE 24	SIZE 30	SIZE 36	SIZE 42
Cooling capacity	KW	3.50(0.53-3.99)	5.40(2.55-5.86)	7.10(3.28-8.16)	8.75(2.23-9.85)	10.50(2.75-11.14)	12.00(2.93-12.31)
Heating capacity	KW	4.40(1.00-4.39)	5.80(2.20-6.15)	7.45(2.81-8.49)	9.30(2.70-10.02)	12.10(2.78-12.78)	13.50(3.37-14.07)
Heating capacity at -7, -10, -15°C	KW	3,00 - 2,70 - 2,50	4,45 - 3,75 - 3,30	6,10 - 5,50 - 4,80	6,45 - 6,00 - 5,30	9,10 - 8,10 - 7,80	9,60 - 8,80 - 8,10
Pdesign capacity cooling	KW	3,50	5,40	7,10	8,75	10,50	12,00
Pdesign capacity heating (average)	KW	2,70	4,30	5,40	8,00	8,40	9,30
Pdesign capacity heating (warmer)	KW	3,40	5,30	5,80	8,20	9,80	10,20
SEER/SCOP(average)/SCOP(warmer)	W/W	6.3 / 4.0 / 5.1	6.6 / 4.0 / 5.1	6.2 / 4.0 / 5.2	6.8 / 4.0 / 5.7	6.3 / 4.0 / 5.3	6.2 / 4.0 / 5.6
Energy label	-	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++
Yearly energy consumption	kWh	194 / 945 / 933	286 / 1505 / 1455	401 / 1890 / 1561	450 / 2800 / 2014	583 / 2940 / 2589	677 / 3255 / 2550
EER/COP	W/W	3.27 / 3.78	3.48 / 3.82	3.15 / 4.14	3.43 / 4.04	2.63 / 3.69	2.86 / 3.91
Standard current (cooling)	A	4,8	6,8	10,0	11,5	17,5	18,5
Standard input (cooling)	W	1070	1550	2250	2550	4000	4200
Standard current (heating)	A	5,30	6,7	8,0	10,0	14,5	15,0
Standard input (heating)	W	1165	1520	1800	2300	3280	3450
OUTDOOR UNIT		38QUS012D8S-1	38QUS018D8S-1	38QUS024D8S	38QUS030D8S	38QUS036D8S	38QUS042D8S
Temperature range cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
Temperature range heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24
Voltage/Hz/Ph	-	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph
Rated current	A	9,0	13,5	19,0	20,0	22,5	22,5
Rated input	W	1850	2950	3700	4500	5000	5000
Refrigerant amount (R-32)	kg/TCO2	0.72/0.486	1.15/0.776	1.50/1.012	2.0/1.350	2.40/1.620	2.80/1.890
Liquid side/Gas side	mm(inch)	Ø6.35 / Ø9.52 (1/4" / 3/8")	Ø6.35 / Ø12.7 (1/4" / 1/2")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")
Standard piping length	m	5	5	5	5	5	5
Min. piping length	m	3	3	3	3	3	3
Max. piping length	m	25	30	50	50	65	65
Max. difference	m	10	20	25	25	30	30
Additional charge	g/m	12	12	24	24	24	24
Sound power level	dB(A)	62	67	69	72	72	75
Sound pressure level	dB(A)	54	59	60	63	63	63
Airflow	m³/h	2200	2100	3500	3800	4000	4000
Weight (Net/Gross)	kg	26.6/29.0	32.5/35.2	43.9/46.9	52.8/57.3	66.9 / 71.5	71.0/75.0
Dimensions (WxDxH)	mm	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810
Packing (WxDxH)	mm	887x337x610	915x370x615	995x398x740	1090x500x885	1090x500x885	1090x500x885
INDOOR UNIT		42QSS012D8S-1	42QSS018D8S-1	42QSS024D8S	42QSS030D8S	42QSS036D8S	42QSS042D8S
Indoor fan motor input	W	130	200	200	420	420	560
Indoor fan motor max current	A	1,11	1,65	1,65	2,45	2,45	4,10
Sound power level	dB(A)	58	58	62	64	62	67
Sound pressure level (high/med/low)	dB(A)	34.5/32.0/30.0	42.0/39.0/35.0	49.0/46.0/41.0	50.5/48.0/46.0	50.0/48.0/46.0	51.5/49.0/48.0
Air flow (high/med/low)	m³/h	600/480/300	910/710/515	1230/1035/825	2100/1800/1500	2100/1800/1500	2400 / 2040 / 1680
External static pressure	Pa	0-60	0-100	0-160	0-160	0-160	0-160
Weight (Net/Gross)(Body)	kg	17.8/21.5	24.4/29.6	32.3/39.1	40.5/48.3	40.5/48.2	47.6 / 55.8
Weight (Net/Gross)(Panel)	kg	/	/	-	-	/	-
Dimensions (WxDxH)(Body)	mm	700x506x200	880x674x210	1100x774x249	1360x774x249	1360x774x249	1200x874x300
Packing (WxDxH)(Body)	mm	860x540x285	1070x725x280	1305x805x315	1570x805x330	1570x805x330	1405x915x365
Dimensions (WxDxH)(Panel)	mm	/	/	-	-	/	-
Packing (WxDxH)(Panel)	mm	/	/	-	-	/	-

Note
* Sound data @ cooling mode

ACCESSORIES	CODE
Infrared controller	RG67G
KJR-120X controller	KJR120X

ACCESSORIES	CODE
CCM09 controller	CCM09

MONO-SPLIT DUCT - R-32 - 38QUS / 42QSS

Specifications 42QSS Duct 3-PHASE



DUCT SYSTEM		3 phases		
		SIZE 36	SIZE 48	SIZE 60
Cooling capacity	KW	10.60(2.73-11.78)	14.10(3.52-15.53)	15.40(4.10-17.30)
Heating capacity	KW	12.10(2.78-12.84)	15.50(4.10-18.17)	18.30(4.40-20.50)
Heating capacity at -7, -10, -15°C	KW	9,10 - 7,60 - 7,00	12,80 - 11,45 - 10,80	13,20 - 12,00 - 11,70
Pdesign capacity cooling	kW	10,60	14,10	15,40
Pdesign capacity heating (average)	kW	8,80	11,70	12,70
Pdesign capacity heating (warmer)	kW	10,00	11,50	12,80
SEER/SCOP(average)/SCOP(warmer)	W/W	6.1 / 4.0 / 5.1	6.1 / 4.0 / 5.0	6.1 / 4.0 / 5.2
Energy label	-	A++ / A+ / A+++	A++ / A+ / A++	A++ / A+ / A+++
Yearly energy consumption	kWh	608 / 3080 / 2745	809 / 4095 / 3220	884 / 4445 / 3446
EER/COP	W/W	2.62 / 3.67	2.79 / 3.44	2.93 / 3.52
Standard current (cooling)	A	6,5	8,5	9,6
Standard input (cooling)	W	4050	5050	5250
Standard current (heating)	A	5,8	8,0	9,5
Standard input (heating)	W	3300	4500	5200
OUTDOOR UNIT		38QUS036D8T	38QUS048D8T	38QUS060D8T
Temperature range cooling	°C	-15-50	-15-50	-15-50
Temperature range heating	°C	-15-24	-15-24	-15-24
Voltage/Hz/Ph	-	380-415V / 50Hz / 3Ph	380-415V / 50Hz / 3Ph	380-415V / 50Hz / 3Ph
Rated current	A	10,0	13,0	14,0
Rated input	W	5000	6900	7500
Refrigerant amount (R-32)	kg/TCO2	2.40/1.620	2.90/1.958	3.00/2.025
Liquid side/Gas side	mm(inch)	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
Standard piping length	m	5	5	5
Min. piping length	m	3	3	3
Max. piping length	m	65	65	65
Max. difference	m	30	30	30
Additional charge	g/m	24	24	24
Sound power level	dB(A)	71	75	75
Sound pressure level	dB(A)	63	63,5	64
Airflow	m³/h	4000	7500	7500
Weight (Net/Gross)	kg	80.5 / 85.0	103.7/118.3	107.0/121.2
Dimensions (W×D×H)	mm	946×410×810	952×415×1333	952×415×1333
Packing (W×D×H)	mm	1090×500×885	1095×495×1480	1095×495×1480
INDOOR UNIT		42QSS036D8S	42QSS048D8S	42QSS060D8S
Indoor fan motor input	W	420	560	560
Indoor fan motor max current	A	2,45	4,10	4,10
Sound power level	dB(A)	62	67	67
Sound pressure level (high/med/low)	dB(A)	50.5/49.0/47.0	51.5/49.0/47.0	52.5/49.0/47.0
Air flow (high/med/low)	m³/h	2100/1800/1500	2400 / 2040 / 1680	2600 / 2210 / 1820
External static pressure	Pa	0-160	0-160	0-160
Weight (Net/Gross)(Body)	kg	40.5/48.2	47.6 / 55.8	47.4 / 56.1
Weight (Net/Gross)(Panel)	kg	/	/	-
Dimensions (W×D×H)(Body)	mm	1360×774×249	1200×874×300	1200×874×300
Packing (W×D×H)(Body)	mm	1570×805×330	1405×915×365	1405×915×365
Dimensions (W×D×H)(Panel)	mm	/	/	-
Packing (W×D×H)(Panel)	mm	/	/	-

Note
* Sound data @ cooling mode

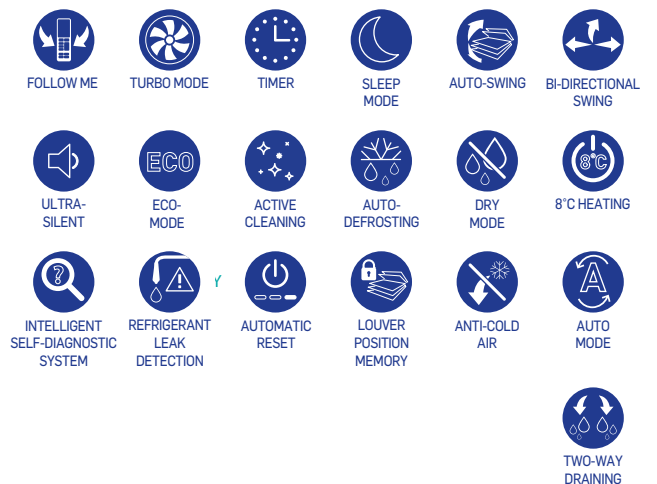


MONO-SPLIT UNDER-CEILING - R-32 - 38QUS / 42QZL



MONO-SPLIT UNDER-CEILING
38QUS / 42QZL

- **Suitable for both wall and ceiling mounting**
- **3D motorized louvers** allow airflow adjustment to individual preferences
- **Various piping connection options**
- **Easy access** to unit components by opening the grille/cover
- **Dry contact available for remote control:** operation conditioned to the correct closing of a window
- **Alarm report** possible on a fault signaled by the PCB
- **Infrared remote controller as standard**
- **Indoor unit compatible Mono & Multi-split system**





Specifications 42QZL Under-Ceiling



UNDER-CEILING SYSTEM		1 phase			3 phases		
		SIZE 18	SIZE 24	SIZE 36	SIZE 36	SIZE 48	SIZE 60
Cooling capacity	KW	5.30 (2.71-5.86)	7.20(3.22-7.77)	10.50(2.72-11.43)	10.80(2.72-11.78)	14.00(3.52-15.24)	15.50(4.10-16.70)
Heating capacity	KW	5.60(2.42-6.30)	7.40(2.72-8.29)	12.30(2.81-12.78)	12.30(2.78-12.78)	15.60(4.10-17.00)	18.30(4.40-19.64)
Heating capacity at -7, -10, -15°C	KW	4,30 - 3,70 - 3,10	5,90 - 5,00 - 4,50	9,20 - 7,45 - 7,00	9,10 - 7,50 - 7,00	11,75 - 10,90 - 10,50	12,75 - 11,50 - 11,00
Pdesign capacity cooling	kW	5,30	7,20	10,50	10,80	14,00	15,50
Pdesign capacity heating (average)	kW	4,00	5,50	8,60	8,70	11,20	12,00
Pdesign capacity heating (warmer)	kW	5,10	6,00	10,20	10,00	11,80	12,60
SEER/SCOP(average)/SCOP(warmer)	W/W	6.4 / 4.0 / 5.4	6.2 / 4.0 / 5.2	6.5 / 4.2 / 5.5	6.3 / 4.0 / 5.1	6.1 / 4.0 / 5.3	6.1 / 4.0 / 5.2
Energy label	-	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A+++
Yearly energy consumption	kWh	290 / 1400 / 1322	406 / 1925 / 1615	565 / 2867 / 2596	600 / 3045 / 2745	803 / 3920 / 3117	889 / 4200 / 3392
EER/COP	W/W	3.63 / 3.73	2.99 / 3.90	2.66 / 3.62	2.66 / 3.61	2.69 / 3.06	2.72 / 3.05
Standard current (cooling)	A	6,5	10,5	17,5	6,5	9,0	10,0
Standard input (cooling)	W	1460	2410	3950	4060	5200	5700
Standard current (heating)	A	6,6	8,5	15,0	6,0	9,0	10,5
Standard input (heating)	W	1500	1900	3400	3410	5100	6000
OUTDOOR UNIT		38QUS018D8S-1	38QUS024D8S	38QUS036D8S	38QUS036D8T	38QUS048D8T	38QUS060D8T
Temperature range cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
Temperature range heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24
Voltage/Hz/Ph	-	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	380-415V / 50Hz / 3Ph	380-415V / 50Hz / 3Ph	380-415V / 50Hz / 3Ph
Rated current	A	13,5	19,0	22,5	10,0	13,0	14,0
Rated input	W	2950	3700	5000	5000	6900	7500
Refrigerant amount (R-32)	kg/TCO2	1.15/0.776	1.50/1.012	2.40/1.620	2.40/1.620	2.90/1.958	3.00/2.025
Liquid side/Gas side	mm(inch)	Ø6.35 / Ø12.7 (1/4" / 1/2")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")	Ø9.52 / Ø15.9 (3/8" / 5/8")
Standard piping length	m	5	5	5	5	5	5
Min. piping length	m	3	3	3	3	3	3
Max. piping length	m	30	50	65	65	65	65
Max. difference	m	20	25	30	30	30	30
Additional charge	g/m	12	24	24	24	24	24
Sound power level	dB(A)	67	69	72	71	75	75
Sound pressure level	dB(A)	59	60	63	63	63,5	64
Airflow	m³/h	2100	3500	4000	4000	7500	7500
Weight (Net/Gross)	kg	32.5/35.2	43.9/46.9	66.9 / 71.5	80.5 / 85.0	103.7/118.3	107.0/121.2
Dimensions (WxDxH)	mm	805x330x554	890x342x673	946x410x810	946x410x810	952x415x1333	952x415x1333
Packing (WxDxH)	mm	915x370x615	995x398x740	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
INDOOR UNIT		42QZL018D8S-2	42QZL024D8S	42QZL036D8S	42QZL036D8S	42QZL048D8S	42QZL060D8S
Indoor fan motor input	W	98	98	95*2	95*2	95*2	200*2
Indoor fan motor max current	A	0,94	0,94	0,67	0,67	0,67	1,65
Sound power level	dB(A)	58	55	65	65	68	69
Sound pressure level (high/med/low)	dB(A)	44.0/41.0/37.0	51.0 / 47.0 / 43.0	51.5/48.0/45.0	51.0/47.5/45.0	53.0/50.0/46.0	55.0/52.0/48.0
Air flow (high/med/low)	m³/h	960/840/725	1190 / 1025 / 850	1955/1730/1505	1955/1730/1505	2100/1850/1600	2200/1950/1650
External static pressure	Pa	0	0	0	0	0	0
Weight (Net/Gross)(Body)	kg	28.0/33.3	28.0 / 33.1	41.5/48.0	41.5/48.0	41.7/48.5	42.3/49.2
Weight (Net/Gross)(Panel)	kg	/	-	/	/	/	-
Dimensions (WxDxH)(Body)	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
Packing (WxDxH)(Body)	mm	1145x755x318	1145x755x318	1725x755x318	1725x755x318	1725x755x318	1725x755x318
Dimensions (WxDxH)(Panel)	mm	/	-	/	/	/	-
Packing (WxDxH)(Panel)	mm	/	-	/	/	/	-

Note
* Sound data @ cooling mode

ACCESSORIES	CODE
Infrared controller	RG67G
KJR-120X2 controller	KJR-120X2

ACCESSORIES	CODE
CCM09 controller	CCM09
Light commercial Wi-Fi	17310900A02621

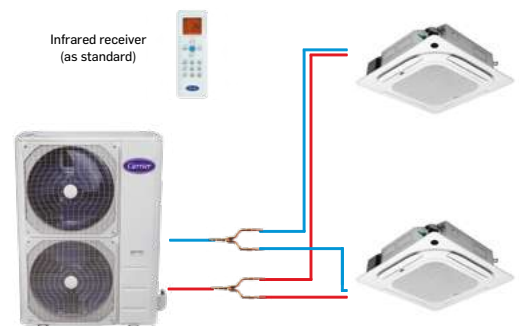
TWIN SYSTEMS - R-32



TWIN SYSTEMS

Twin systems are systems consisting of two indoor units of the same capacity and type. These systems, which operate simultaneously, only require a single controller, which simplifies operation and installation. It offers the possibility of heating or cooling large spaces at lower cost such as "open space" offices, halls, shops, restaurants, etc.

- Available with several configurations of identical indoor units: ducts, under-ceiling, cassettes
- Piping length up to 50 m
- Only one control system required (infrared remote control as standard, wired or centralized in option)
- Separated power supply for indoor units and outdoor unit
- Can report alarm to a BMS or a control centre
- Distribution fittings for perfect circuit balancing with reduced pressure drop and solder joints





Specifications Twin systems

3-PHASE
OUTDOOR UNIT SIZE 48 OUTDOOR UNIT SIZE 60



38QUS048D8T 38QUS060D8T



CASSETTE 900*900

2*42QTD024D8S

Indoor units



DUCT

2*42QSS024D8S

2*42QSS030D8S



UNDER-CEILING









2*42QZL024D8S

MULTI-SPLIT





MULTI-SPLIT RANGE







		Outdoor units				
		2 OUTPUTS		3 OUTPUTS		
		14	18	21	27	
						
		38QUS014D8S2-1	38QUS018D8S2-2	38QUS021D8S3-1	38QUS027D8S3-2	
Indoor units	 HIGH WALL - QHE	9	●	●	●	●
		12	●	●	●	●
		18			●	●
		24				
	 HIGH WALL - QHG	7	●	●	●	●
		9	●	●	●	●
		12	●	●	●	●
		18			●	●
	 CASSETTE 600	9	●	●	●	●
		12	●	●	●	●
		18			●	●
	 CASSETTE 900	24				
	 UNDER-CEILING	18			●	●
		24				
	 DUCT	7	●	●	●	●
		9	●	●	●	●
		12	●	●	●	●
		18			●	●
		24				



4 OUTPUTS		5 OUTPUTS
28	36	42



38QUS028D8S4	38QUS036D8S4-1	38QUS042D8S5-1
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Indoor units	Capacity	4 OUTPUTS			5 OUTPUTS		
		28	36	42	28	36	42
 HIGH WALL - QHE	9	●	●	●	●	●	●
	12	●	●	●	●	●	●
	18	●	●	●	●	●	●
	24	●	●	●	●	●	●
 HIGH WALL - QHG	7	●	●	●	●	●	●
	9	●	●	●	●	●	●
	12	●	●	●	●	●	●
	18	●	●	●	●	●	●
 CASSETTE 600	9	●	●	●	●	●	●
	12	●	●	●	●	●	●
	18	●	●	●	●	●	●
 CASSETTE 900	24	●	●	●	●	●	●
	24	●	●	●	●	●	●
 UNDER-CEILING	18	●	●	●	●	●	●
	24	●	●	●	●	●	●
 DUCT	7	●	●	●	●	●	●
	9	●	●	●	●	●	●
	12	●	●	●	●	●	●
	18	●	●	●	●	●	●
	24	●	●	●	●	●	●

MULTI-SPLIT

MULTI-SPLIT - R-32 - 38QUS*2/3/4/5



MULTI-SPLIT
38QUS*2/3/4/5

- **One outdoor unit to heat or cool up to 5 rooms with independent operation of the indoor units**
- **Adaptable to all indoor unit configurations:** High Wall, ducted, cassette, and under-ceiling to meet the specific needs of each room
- **Lightweight** (32 to 74 kg) and compact outdoor units
- **Long piping lengths** (up to 80m) for the most flexible choice of installation locations
- **Wi-Fi control available** for all indoor units.





Specifications Multi-Split 38QUS



MULTI-SPLIT SYSTEM		2 OUTPUTS		3 OUTPUTS		4 OUTPUTS		5 OUTPUTS
		38QUS014D8S2-1	38QUS018D8S2-2	38QUS021D8S3-1	38QUS027D8S3-2	38QUS028D8S4	38QUS036D8S4-1	38QUS042D8S5-1
Power supply	V-HZ-PH	220-240V-, 50HZ, 1PH	220-240V-, 50HZ, 1PH	220-240V-, 50HZ, 1PH	220-240V-, 50HZ, 1PH	220-240V-, 50HZ, 1PH	220-240V-, 50HZ, 1PH	220-240V-, 50HZ, 1PH
Cooling capacity	kW	4.10 (1.44-4.79)	5.28 (2.26-5.63)	6.15 (1.95-6.74)	7.90 (2.20-8.50)	8.20 (2.49-10.26)	10.55 (2.74-11.29)	12.30 (2.64-12.30)
Heating capacity	kW	4.40 (1.50-4.91)	5.57 (2.37-5.68)	6.59 (1.45-6.74)	8.20 (1.90-8.50)	8.79 (1.61-10.14)	10.55 (3.60-10.83)	12.30 (3.52-12.30)
Heating capacity at -7, -10, -15°C	kW	3,24 - 3,09 - 2,89	3,82 - 3,85 - 3,42	4,83 - 4,61 - 4,32	5,38 - 5,14 - 4,81	6,50 - 6,20 - 5,81	9,22 - 8,80 - 8,24	8,96 - 8,55 - 8,00
Pdesign capacity cooling	kW	4.10	5.28	6.15	7.90	8.20	10.55	12.30
Pdesign capacity heating (average)	kW	3.90	4.3	5.40	5.70	6.80	9.20	9.50
SEER/ SCOP(average)	W/W	6.8/4.0	6.7/4.0	6.5/4.0	6.1/4.0	7.0/4.0	6.5/4.0	6.5 / 3.8
Energy label		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A
Yearly energy consumption	kWh	211/1365	276/1505	331/1890	454/1995	410/2380	568/3220	662/3500
EER/ COP	W/W	3.23/3.71	3.24/3.71	3.23/3.73	3.23/3.73	3.23/3.71	3.23/3.71	3.24/3.73
Standard current (cooling)	A	5,9	7,7	9,0	12,0	10,9	15,0	17,3
Standard input (cooling)	W	1270	1630	1900	2450	2500	3270	3800
Standard current (heating)	A	5,3	6,8	8,5	11,0	10,4	13,5	15,0
Standard input (heating)	W	1185	1500	1770	2200	2400	2845	3300
Rated current	A	11,5	13,0	15,5	17,5	19,0	21,5	22,0
Rated input	W	2650,0	2850	3300	3600,0	4150,0	4600,0	4700,0
Outdoor airflow	m³/h	2200,0	2200	2700	2700,0	3800,0	4000,0	3850,0
Outdoor sound pressure level	dB(A)	56,0	56	58	60,0	63,0	64,0	63,0
Outdoor sound power level	dB(A)	65,0	65	66	68,0	70,0	72,0	72,0
Throttle type		EXV+Capillary	EXV+Capillary	EXV+Capillary	EXV+Capillary	EXV+Capillary	EXV+Capillary	EXV+Capillary
Dimension (WxDxH)	mm	800x333x554	800x333x554	845x363x702	845x363x702	946x410x810	946x410x810	946x410x810
Packing (WxDxH)	mm	920x390x625	920x390x625	965x395x775	965x395x775	1090x500x885	1090x500x885	1090x500x885
Net / Gross weight	kg	32.0 / 35.0	35.5 / 38.5	47.0 / 51.0	51.0 / 56.0	62.0 / 67.5	69.0 / 75.5	74.1/79.5
GWP		675,0	675	675	675,0	675,0	675,0	675
Refrigerant charge amount (R-32)	kg	1,1	1,25	1,40	1,7	2,1	2,1	2,9
Design pressure	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Refrigerant piping (Liquid side/ Gas side)	mm(inch)	2 × [Ø6.35/ Ø9.52 (1/4"/ 3/8")]	2 × [Ø6.35/ Ø9.52 (1/4"/ 3/8")]	3 × [Ø6.35/ Ø9.52 (1/4"/ 3/8")]	3 × [Ø6.35/ Ø9.52 (1/4"/ 3/8")]	3 × [Ø6.35/ Ø9.52 (1/4"/ 3/8")] + 1 × [Ø6.35/ Ø12.7 (1/4"/ 1/2")]	3 × [Ø6.35/ Ø9.52 (1/4"/ 3/8")] + 1 × [Ø6.35/ Ø12.7 (1/4"/ 1/2")]	4 × [Ø6.35/ Ø9.52 (1/4"/ 3/8")] + 1 × [Ø6.35/ Ø12.7 (1/4"/ 1/2")]
Chargeless pipe length	m	7.5*2	7.5*2	7.5*3	7.5*3	7.5*4	7.5*4	7.5*5
Additional charge	g/m	12,0	12	12	12,0	12,0	12,0	12,0
Max. length for all rooms	m	40,0	40	60	60,0	80,0	80,0	80,0
Max. length for one indoor unit	m	25,0	25	25	30,0	30,0	35,0	35,0
Max. height difference between IDU and CDU	m	15,0	15	15	15,0	15,0	15,0	15,0
Max. height difference between indoor units	m	10,0	10	10	10,0	10,0	10,0	10,0
Temperature range cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
Temperature range heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24

ACCESSORIES	CODE
KJR-120X controller	KJR-120X
Transfer board for KJR-120X (QHG/QHGH sizes 7, 9, 12)	17222000A58716
Transfer board for KJR-120X (QHG sizes 18,22,24)	17222000A58717
Transfer board for KJR-120X (QHE)	17317100A31589
KJR-120X2 controller	KJR-120X2
Transfer board for KJR-120X2 (QHG/QHGH sizes 7, 9, 12)	17222000A58719
Transfer board for KJR-120X2 - (QHG sizes 18,22,24)	17222000A58718
Transfer board for KJR-120X2 - (QHE)	17317100A28268

ACCESSORIES	CODE
Infrared controller	RG67
CCM09 controller	CCM09
Transfer board for CCM09 (QHG sizes 7, 9, 12)	17222000A58719
Transfer board for CCM09 (QHG sizes 18,22,24)	17222000A58718
Transfer board for CCM09 (QHE)	17311500A03582
Transfer board for CCM09 (QHP)	17311500A00145

MULTI-SPLIT - R-32 - 38QUS*2/3/4/5

TECHNICAL SPECIFICATIONS INDOOR UNITS

HIGH WALL - QHG



INDOOR UNIT - HIGH WALL		42QHG007D8S	42QHG009D8S	42QHG012D8S	42QHG018D8S	42QHG024D8S
Power supply	V-ph-Hz	220~240V / 1Ph / 50Hz	220~240V / 1Ph / 50Hz	220~240V / 1Ph / 50Hz	220~240V / 1Ph / 50Hz	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
Indoor fan motor input	W	22	22	20	36	60
Indoor fan motor max current	A	0,5	0,5	0,5	0,5	0,7
Sound power level	dB(A)	56	56	56	58	63
Sound pressure level (Min. ~ Max.)	dB(A)	20~37	20~37	20~37	21~41	22~47
Airflow (Min. ~ Max.)	m³/h	180~460	180~460	195~530	300~800	480~1090
Weight (Net/Gross)	kg	8.0/10.5	8.0/10.5	8.7/11.5	11.2 / 14.6	13.6 / 17.3
Dimensions (WxDxH)	mm	726x210x291	726x210x291	835x208x295	969x241x320	1083x244x336
Packing (WxDxH)	mm	790x270x375	790x270x375	905x290x355	1045x315x405	1155x315x415
Refrigerant piping (Liquid side/Gas side)	mm(inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/v9.52 (1/4"/3/8")	Ø6.35/Ø12.7 (1/4"/1/2")	Ø9.52/Ø15.9 (3/8"/5/8")

HIGH WALL - QHE



INDOOR UNIT - HIGH WALL		42QHE09D8SH	42QHE12D8SH	42QHE18D8SH	42QHE24D8SH
Power supply	V-ph-Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz
Cooling capacity	kW	2.64(1.32~3.81)	3.50(1.32~3.96)	5.20(3.75~6.13)	6.85(2.11~8.21)
Heating capacity	kW	3.00 (0.88~4.40)	3.85(0.88~4.54)	5.65(2.58~6.77)	7.30(1.55~8.21)
Indoor fan motor input	W	50.0	50.0	36.0	58.0
Indoor fan motor max current	A	0,16	0,16	0,11	0,21
Sound power level	dB(A)	60	60	60	65
Sound pressure level (Min. ~ Max.)	dB(A)	21~37	22~40	22~41	21~42
Airflow (Min. ~ Max.)	m³/h	280~530	290~560	400~685	380~1090
Weight (Net/Gross)	kg	10.2/13.0	10.2/13.0	12.3/16.4	20.0/25.3
Dimensions (WxDxH)	mm	795x225x295	795x225x295	965x239x319	1140x275x370
Packing (WxDxH)	mm	870x370x305	870x370x305	1045x400x325	1230x455x355
Refrigerant piping (Liquid side/Gas side)	mm(inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø6.35/Ø15.9(1/4"/5/8")

UNDER-CEILING - QZL



INDOOR UNIT - UNDER-CEILING		42QZL018D8S-2	42QZL024D8S
Power supply	V-ph-Hz	220~240V / 1Ph / 50Hz	220~240V / 1Ph / 50Hz
Cooling capacity	kW	5,28	7,04
Heating capacity	kW	5,28	7,04
Indoor fan motor input	W	98	98
Indoor fan motor max current	A	0,94	0,94
Sound power level	dB(A)	58	55
Sound pressure level (high/med/low)	dB(A)	44.0/41.0/37.0	51.0 / 47.0 / 43.0
Airflow (high/med/low)	m³/h	960/840/725	1190 / 1025 / 850
Weight (Net/Gross)	kg	28.0/33.3	28.0 / 33.1
Dimension(W*D*H)	mm	1068x675x235	1068x675x235
Packing(W*D*H)	mm	1145x755x318	1145x755x318
Refrigerant piping (Liquid side/ Gas side)	mm(inch)	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52 / Ø15.9 (3/8" / 5/8")



TECHNICAL SPECIFICATIONS INDOOR UNITS

CASSETTE - QTD



INDOOR UNIT - CASSETTE		42QTD009D8S	42QTD012D8S-1	42QTD018D8S-2	42QTD024D8S
Power supply	V-ph-Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz
Cooling capacity	kW	2,64	3,52	5,28	7,04
Heating capacity	kW	2,64	3,52	5,28	7,04
Indoor fan motor input	W	145	145	145	120
Indoor fan motor max current	A	0,47	0,47	0,47	0,39
Sound power level	dB(A)	58	57	58	59
Sound pressure level (high/med/low)	dB(A)	42/39/36	42/37.5/34.5	45.4/44.0/39.0	50.0/47.5/42.0
Airflow (high/med/low)	m³/h	560/430/390	570/485/390	680/585/480	1250/1120/995
Weight (Net/Gross)(Body)	kg	15.0/18.0	16.3/20.4	16.0/20.6	21.6/25.4
Weight (Net/Gross)(Panel)	kg	2.5/4.5	2.5/4.5	2.5/4.5	6.0 / 9.0
Dimensions (W×D×H)(Body)	mm	570x570x260	570x570x260	570x570x260	830x830x205
Packing(W×D×H)(Body)	mm	662x662x317	662x662x317	662x662x317	910x910x250
Dimensions (W×D×H)(Panel)	mm	647x647x50	647x647x50	647x647x50	950x950x55
Packing(W×D×H)(Panel)	mm	715x715x123	715x715x123	715x715x123	1035x1035x90
Refrigerant piping (Liquid side/Gas side)	mm(inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø12.7 (1/4"/1/2")	Ø9.52 / Ø15.9 (3/8" / 5/8")

DUCT - QSS



INDOOR UNIT - DUCT		42QSS007D8S	42QSS009D8S	42QSS012D8S-1	42QSS018D8S-1	42QSS024D8S
Power supply	V-ph-Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	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
Indoor fan motor input	W	130	130	130	200	200
Indoor fan motor max current	A	1,11	1,11	1,11	1,65	1,65
Sound power level	dB(A)	60	60	58	58	62
Sound pressure level (high/med/low)	dB(A)	42/36/30	42/36/30	34.5/32.0/30.0	42.0/39.0/35.0	49.0/46.0/41.0
Airflow (high/med/low)	m³/h	580/480/300	580/480/300	600/480/300	910/710/515	1230/1035/825
External static pressure	Pa	0-30	0-30	0-60	0-100	0-160
Weight (Net/Gross)(Body)	kg	18.0 / 22.0	18.0 / 22.0	17.8/21.5	24.4/29.6	32.3/39.1
Dimensions (W×D×H)(Body)	mm	700×450×200	700×450×200	700×506×200	880×674×210	1100×774×249
Packing(W×D×H)(body)	mm	860×540×285	860×540×285	860×540×285	1070×725×280	1305×805×315
Refrigerant piping (Liquid side/Gas side)	mm(inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø12.7 (1/4" / 1/2")	Ø9.52/Ø15.9 (3/8" / 5/8")

MULTI-SPLIT - R-32 - 38QUS*2/3/4/5

CONFIGURATION TABLE

38QUS014...

COOLING	INDOOR UNIT COMBINATIONS		NOMINAL CAPACITY (kW)		OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			EER
	A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	2,00	—	1,23	2,00	2,90	0,30	0,62	0,77	3,23
	9	—	2,50	—	1,23	2,50	3,20	0,30	0,77	0,97	3,23
	12	—	3,50	—	1,23	3,50	3,90	0,30	1,08	1,30	3,23
	18	—	4,10	—	1,35	4,10	4,50	0,40	1,27	1,46	3,23
2 indoor units (1x2)	7	7	2,05	2,05	1,76	4,10	4,54	0,43	1,27	1,46	3,23
	7	9	1,79	2,31	1,76	4,10	4,54	0,43	1,27	1,46	3,23
	7	12	1,51	2,59	1,76	4,10	4,54	0,43	1,27	1,46	3,24
	9	9	2,05	2,05	1,76	4,10	4,54	0,43	1,27	1,46	3,24
	9	12	1,76	2,34	1,76	4,10	4,54	0,43	1,27	1,46	3,24

HEATING	INDOOR UNITS COMBINATIONS		NOMINAL CAPACITY (kW)		OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			COP
	A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	2,45	—	1,41	2,50	2,82	0,28	0,67	0,83	3,75
	9	—	2,92	—	1,41	2,90	3,36	0,28	0,78	0,97	3,73
	12	—	3,75	—	1,41	3,80	4,31	0,28	1,02	1,23	3,72
	18	—	4,70	—	1,55	4,70	5,20	0,38	1,27	1,32	3,71
2 indoor units (1x2)	7	7	2,35	2,35	2,02	4,70	5,20	0,39	1,15	1,32	4,10
	7	9	2,06	2,64	2,02	4,70	5,20	0,39	1,15	1,32	4,10
	7	12	1,75	3,00	2,02	4,75	5,26	0,39	1,19	1,32	4,00
	9	9	2,38	2,38	2,02	4,75	5,26	0,39	1,19	1,32	4,00
	9	12	2,04	2,71	2,02	4,75	5,26	0,39	1,19	1,32	4,00

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

CONFIGURATION TABLE

38QUS018....

COOLING	INDOOR UNIT COMBINATIONS		NOMINAL CAPACITY (kW)		OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			EER
	A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	2,00	—	1,40	2,00	2,90	0,35	0,62	0,77	3,24
	9	—	2,50	—	1,40	2,50	3,20	0,35	0,77	0,96	3,24
	12	—	3,50	—	1,40	3,50	3,90	0,35	1,07	1,29	3,26
	18	—	5,00	—	1,61	5,00	5,41	0,45	1,55	2,01	3,23
2 indoor units (1x2)	7	7	2,10	2,10	2,08	4,20	5,51	0,53	1,05	2,17	4,00
	7	9	2,06	2,64	2,08	4,70	5,72	0,53	1,24	2,17	3,80
	7	12	1,95	3,35	2,08	5,30	6,29	0,53	1,64	2,17	3,23
	9	9	2,60	2,60	2,08	5,20	6,29	0,53	1,61	2,17	3,23
	9	12	2,31	3,09	2,08	5,40	6,29	0,53	1,67	2,17	3,23
	12	12	2,70	2,70	2,08	5,40	6,29	0,53	1,67	2,17	3,23

HEATING	INDOOR UNITS COMBINATIONS		NOMINAL CAPACITY (kW)		OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			COP
	A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	2,50	—	1,54	2,50	3,03	0,32	0,67	0,84	3,73
	9	—	3,00	—	1,54	3,00	3,63	0,32	0,80	1,01	3,73
	12	—	3,80	—	1,54	3,80	4,60	0,32	1,01	1,22	3,75
	18	—	5,30	—	1,71	5,30	5,72	0,42	1,43	1,72	3,71
2 indoor units (1x2)	7	7	2,50	2,50	2,20	5,00	5,94	0,47	1,22	1,86	4,10
	7	9	2,32	2,98	2,20	5,30	6,05	0,47	1,29	1,86	4,10
	7	12	2,03	3,47	2,20	5,50	6,66	0,47	1,43	1,86	3,85
	9	9	2,75	2,75	2,20	5,50	6,66	0,47	1,38	1,86	4,00
	9	12	2,40	3,20	2,20	5,60	6,66	0,47	1,45	1,86	3,85
	12	12	2,80	2,80	2,20	5,60	6,66	0,47	1,45	1,86	3,85

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

MULTI-SPLIT - R-32 - 38QUS*2/3/4/5

CONFIGURATION TABLE

38QUS021...

COOLING	INDOOR UNITS COMBINATIONS			NOMINAL CAPACITY (kW)			OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			EER
	A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	—	2,00	—	—	1,43	2,00	2,90	0,38	0,62	0,78	3,21
	9	—	—	2,50	—	—	1,43	2,50	3,20	0,38	0,78	0,97	3,21
	12	—	—	3,50	—	—	1,43	3,50	3,90	0,38	1,09	1,31	3,21
	18	—	—	5,00	—	—	1,65	5,00	6,50	0,48	1,55	1,79	3,22
2 indoor units (1x2)	7	7	—	2,10	2,10	—	2,01	4,20	5,49	0,56	1,31	1,88	3,21
	7	9	—	2,06	2,64	—	2,01	4,70	5,80	0,56	1,46	1,98	3,21
	7	12	—	1,95	3,35	—	2,01	5,30	6,10	0,56	1,65	2,07	3,21
	7	18	—	1,76	4,54	—	2,01	6,30	6,83	0,56	1,94	2,17	3,24
	9	9	—	2,65	2,65	—	2,01	5,30	6,41	0,56	1,65	2,07	3,21
	9	12	—	2,57	3,43	—	2,01	6,00	6,59	0,56	1,85	2,11	3,24
	9	18	—	2,10	4,20	—	2,01	6,30	6,83	0,56	1,94	2,17	3,24
	12	12	—	3,10	3,10	—	2,01	6,20	6,83	0,56	1,91	2,17	3,24
3 indoor units (1x3)	7	7	7	2,03	2,03	2,03	2,44	6,10	7,20	0,68	1,88	2,35	3,24
	7	7	9	1,92	1,92	2,47	2,44	6,30	7,26	0,68	1,94	2,35	3,24
	7	7	12	1,70	1,70	2,91	2,44	6,30	7,32	0,68	1,94	2,35	3,24
	7	9	9	1,76	2,27	2,27	2,44	6,30	7,32	0,68	1,94	2,35	3,24
	9	9	9	2,10	2,10	2,10	2,44	6,30	7,32	0,68	1,94	2,35	3,24

HEATING	INDOOR UNITS COMBINATIONS			NOMINAL CAPACITY (kW)			OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			COP
	A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	—	2,50	—	—	1,43	2,50	3,03	0,35	0,73	0,92	3,41
	9	—	—	3,00	—	—	1,43	3,00	3,63	0,35	0,88	1,10	3,41
	12	—	—	3,80	—	—	1,43	3,80	4,60	0,35	1,11	1,34	3,41
	18	—	—	5,30	—	—	1,82	5,30	6,94	0,45	1,54	2,07	3,45
2 indoor units (1x2)	7	7	—	2,50	2,50	—	2,22	5,00	6,07	0,54	1,39	1,80	3,61
	7	9	—	2,45	3,15	—	2,22	5,60	6,40	0,54	1,55	1,89	3,61
	7	12	—	2,21	3,79	—	2,22	6,00	6,74	0,54	1,64	1,98	3,65
	7	18	—	1,79	4,61	—	2,22	6,40	7,55	0,54	1,76	2,07	3,63
	9	9	—	3,00	3,00	—	2,22	6,00	7,08	0,54	1,64	1,98	3,65
	9	12	—	2,74	3,66	—	2,22	6,40	7,28	0,54	1,75	2,01	3,65
	9	18	—	2,13	4,27	—	2,22	6,40	7,55	0,54	1,77	2,07	3,62
	12	12	—	3,20	3,20	—	2,22	6,40	7,55	0,54	1,75	2,07	3,65
3 indoor units (1x3)	7	7	7	2,25	2,25	2,25	2,70	6,74	7,95	0,65	1,80	2,25	3,75
	7	7	9	2,07	2,07	2,66	2,70	6,80	7,95	0,65	1,81	2,25	3,75
	7	7	12	1,86	1,86	3,18	2,70	6,90	8,09	0,65	1,84	2,25	3,75
	7	9	9	1,93	2,48	2,48	2,70	6,90	8,09	0,65	1,84	2,25	3,75
	9	9	9	2,30	2,30	2,30	2,70	6,90	8,09	0,65	1,84	2,25	3,75

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

CONFIGURATION TABLE

38QUS027...

COOLING	INDOOR UNITS COMBINATIONS			NOMINAL CAPACITY (kW)			OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			EER
	A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	—	2,00	—	—	1,58	2,00	2,90	0,40	0,62	0,78	3,21
	9	—	—	2,50	—	—	1,58	2,50	3,20	0,40	0,78	0,97	3,21
	12	—	—	3,50	—	—	1,58	3,50	3,90	0,40	1,09	1,31	3,21
	18	—	—	5,00	—	—	1,78	5,00	6,50	0,50	1,55	1,79	3,22
2 indoor units (1x2)	7	7	—	2,10	2,10	—	2,21	4,20	6,32	0,64	1,30	2,08	3,23
	7	9	—	2,06	2,64	—	2,21	4,70	6,72	0,64	1,46	2,20	3,23
	7	12	—	1,95	3,35	—	2,21	5,30	7,11	0,64	1,64	2,45	3,23
	7	18	—	1,82	4,68	—	2,21	6,50	7,90	0,64	2,01	2,69	3,23
	9	9	—	2,65	2,65	—	2,21	5,30	7,11	0,64	1,64	2,45	3,23
	9	12	—	2,57	3,43	—	2,21	6,00	7,51	0,64	1,86	2,57	3,23
	9	18	—	2,27	4,53	—	2,21	6,80	7,90	0,64	2,11	2,69	3,23
	12	12	—	3,15	3,15	—	2,21	6,30	7,66	0,64	1,95	2,64	3,23
3 indoor units (1x3)	7	7	7	2,43	2,43	2,43	2,77	7,30	8,69	0,76	2,26	2,91	3,23
	7	7	9	2,25	2,25	2,90	2,77	7,40	8,69	0,76	2,29	2,91	3,23
	7	7	12	2,13	2,13	3,65	2,77	7,90	8,69	0,76	2,45	2,91	3,23
	7	7	18	1,73	1,73	4,44	2,77	7,90	8,69	0,76	2,45	2,91	3,23
	7	9	9	2,13	2,74	2,74	2,77	7,60	8,69	0,76	2,35	2,91	3,23
	7	9	12	1,98	2,54	3,39	2,77	7,90	8,69	0,76	2,45	2,91	3,23
	7	9	18	1,63	2,09	4,18	2,77	7,90	8,69	0,76	2,45	2,91	3,23
	7	12	12	1,78	3,06	3,06	2,77	7,90	8,69	0,76	2,45	2,91	3,23
	9	9	9	2,63	2,63	2,63	2,77	7,90	8,69	0,76	2,45	2,91	3,23
	9	9	12	2,37	2,37	3,16	2,77	7,90	8,69	0,76	2,45	2,91	3,23
	9	12	12	2,15	2,87	2,87	2,77	7,90	8,69	0,76	2,45	2,91	3,23

HEATING	INDOOR UNITS COMBINATIONS			NOMINAL CAPACITY (kW)			OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			COP
	A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	—	2,50	—	—	1,58	2,50	2,90	0,40	0,69	0,87	3,61
	9	—	—	3,00	—	—	1,58	3,00	3,20	0,40	0,83	1,04	3,61
	12	—	—	3,80	—	—	1,58	3,80	3,90	0,40	1,05	1,26	3,61
	18	—	—	5,60	—	—	1,82	5,60	6,95	0,50	1,55	1,78	3,61
2 indoor units (1x2)	7	7	—	2,50	2,50	—	2,21	5,00	6,32	0,55	1,38	1,81	3,62
	7	9	—	2,45	3,15	—	2,21	5,60	6,72	0,55	1,54	1,91	3,63
	7	12	—	2,21	3,79	—	2,21	6,00	7,11	0,55	1,61	2,12	3,72
	7	18	—	1,96	5,04	—	2,21	7,00	7,90	0,55	1,88	2,34	3,73
	9	9	—	3,00	3,00	—	2,21	6,00	7,11	0,55	1,61	2,12	3,72
	9	12	—	2,70	3,60	—	2,21	6,30	7,51	0,55	1,69	2,23	3,73
	9	18	—	2,33	4,67	—	2,21	7,00	7,90	0,55	1,88	2,34	3,72
	12	12	—	3,25	3,25	—	2,21	6,50	7,66	0,55	1,74	2,29	3,73
3 indoor units (1x3)	7	7	7	2,27	2,27	2,27	2,77	6,80	8,69	0,66	1,82	2,53	3,73
	7	7	9	2,13	2,13	2,74	2,77	7,00	8,69	0,66	1,88	2,53	3,72
	7	7	12	2,05	2,05	3,52	2,77	7,62	8,69	0,66	2,04	2,53	3,73
	7	7	18	1,75	1,75	4,50	2,77	8,00	8,69	0,66	2,15	2,53	3,72
	7	9	9	2,13	2,74	2,74	2,77	7,62	8,69	0,66	2,04	2,53	3,73
	7	9	12	1,98	2,54	3,39	2,77	7,90	8,69	0,66	2,12	2,53	3,72
	7	9	18	1,65	2,12	4,24	2,77	8,00	8,69	0,66	2,15	2,53	3,72
	7	12	12	1,81	3,10	3,10	2,77	8,00	8,69	0,66	2,15	2,53	3,72
	9	9	9	2,63	2,63	2,63	2,77	7,90	8,69	0,66	2,12	2,53	3,72
	9	9	12	2,40	2,40	3,20	2,77	8,00	8,69	0,66	2,15	2,53	3,72
	9	12	12	2,18	2,91	2,91	2,77	8,00	8,69	0,66	2,15	2,53	3,72

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

CONFIGURATION TABLES

MULTI-SPLIT - R-32 - 38QUS*2/3/4/5

CONFIGURATION TABLE

38QUS028...

COOLING	INDOOR UNITS COMBINATIONS				NOMINAL CAPACITY (kW)				OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			EER
	A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	—	—	2,00	—	—	—	1,52	2,00	2,90	0,40	0,62	0,78	3,21
	9	—	—	—	2,50	—	—	—	1,52	2,50	3,20	0,40	0,78	0,97	3,21
	12	—	—	—	3,50	—	—	—	1,52	3,50	3,90	0,40	1,09	1,31	3,21
	18	—	—	—	5,00	—	—	—	1,72	5,00	6,50	0,50	1,55	1,79	3,22
	24	—	—	—	7,00	—	—	—	1,89	7,00	8,20	0,65	2,17	2,28	3,22
2 indoor units (1x2)	7	7	—	—	2,10	2,10	—	—	2,05	4,20	6,08	0,62	1,31	1,98	3,21
	7	9	—	—	2,06	2,64	—	—	2,05	4,70	6,40	0,62	1,46	2,10	3,21
	7	12	—	—	1,95	3,35	—	—	2,05	5,30	6,81	0,62	1,65	2,23	3,21
	7	18	—	—	1,96	5,04	—	—	2,05	7,00	7,55	0,62	2,18	2,72	3,21
	7	24	—	—	2,03	6,97	—	—	2,05	9,00	8,78	0,62	2,80	2,94	3,21
	9	9	—	—	2,65	2,65	—	—	2,05	5,30	6,81	0,62	1,65	2,23	3,21
	9	12	—	—	2,57	3,43	—	—	2,05	6,00	6,98	0,62	1,87	2,35	3,21
	9	18	—	—	2,43	4,87	—	—	2,05	7,30	7,55	0,62	2,27	2,72	3,21
	9	24	—	—	2,70	7,20	—	—	2,05	9,90	8,37	0,62	3,08	2,97	3,21
	12	12	—	—	3,25	3,25	—	—	2,05	6,50	7,39	0,62	2,02	2,42	3,21
	12	18	—	—	2,92	4,38	—	—	2,05	7,30	7,55	0,62	2,27	2,72	3,21
	12	24	—	—	3,17	6,33	—	—	2,05	9,50	7,96	0,62	2,96	2,99	3,21
18	18	—	—	3,75	3,75	—	—	2,05	7,50	7,55	0,62	2,34	2,72	3,21	
3 indoor units (1x3)	7	7	7	—	2,00	2,00	2,00	—	2,63	6,00	8,46	0,74	1,85	2,87	3,25
	7	7	9	—	1,98	1,98	2,54	—	2,63	6,50	8,46	0,74	2,00	2,87	3,25
	7	7	12	—	1,91	1,91	3,28	—	2,63	7,10	8,46	0,74	2,18	2,87	3,25
	7	7	18	—	1,71	1,71	4,39	—	2,63	7,80	8,46	0,74	2,40	2,87	3,25
	7	9	9	—	1,90	2,45	2,68	—	2,63	6,80	8,46	0,74	2,09	2,87	3,25
	7	9	12	—	1,88	2,41	3,21	—	2,63	7,50	8,46	0,74	2,31	2,87	3,25
	7	9	18	—	1,61	2,06	4,13	—	2,63	7,80	8,46	0,74	2,40	2,87	3,25
	7	12	12	—	1,76	3,02	3,02	—	2,63	7,80	8,46	0,74	2,40	2,87	3,25
	9	9	9	—	2,37	2,37	2,37	—	2,63	7,10	8,46	0,74	2,18	2,87	3,25
	9	9	12	—	2,34	2,34	3,12	—	2,63	7,80	8,46	0,74	2,40	2,87	3,25
	9	9	18	—	1,95	1,95	3,90	—	2,63	7,80	8,46	0,74	2,40	2,87	3,25
	9	12	12	—	2,13	2,84	2,84	—	2,63	7,80	8,46	0,74	2,40	2,87	3,25
12	12	12	—	2,60	2,60	2,60	—	2,63	7,80	8,46	0,74	2,40	2,87	3,25	
4 indoor units (1x4)	7	7	7	7	2,05	2,05	2,05	2,05	3,04	8,21	9,93	0,84	2,47	3,09	3,32
	7	7	7	9	1,92	1,92	1,92	2,46	3,04	8,21	9,93	0,84	2,47	3,09	3,32
	7	7	7	12	1,74	1,74	1,74	2,99	3,04	8,21	9,93	0,84	2,47	3,09	3,32
	7	7	9	9	1,80	1,80	2,31	2,31	3,04	8,21	9,93	0,84	2,47	3,09	3,32
	7	7	9	12	1,64	1,64	2,11	2,81	3,04	8,21	9,93	0,84	2,49	3,09	3,30
	7	9	9	9	1,69	2,17	2,17	2,17	3,04	8,21	9,93	0,84	2,48	3,09	3,31
	9	9	9	9	2,05	2,05	2,05	2,05	3,04	8,21	9,93	0,84	2,50	3,09	3,29

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

CONFIGURATION TABLE

38QUS028...

HEATING	INDOOR UNITS COMBINATIONS				NOMINAL CAPACITY (KW)				OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			COP
	A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	—	—	2,50	—	—	—	1,68	2,50	2,90	0,40	0,69	0,87	3,61
	9	—	—	—	3,00	—	—	—	1,68	3,00	3,20	0,40	0,83	1,04	3,61
	12	—	—	—	3,80	—	—	—	1,68	3,80	3,90	0,40	1,05	1,26	3,61
	18	—	—	—	5,60	—	—	—	1,91	5,60	7,01	0,50	1,55	1,78	3,61
	24	—	—	—	7,60	—	—	—	1,91	7,60	8,50	0,70	2,11	2,21	3,61
2 indoor units (1x2)	7	7	—	—	2,50	2,50	—	—	2,28	5,00	6,73	0,61	1,39	1,96	3,61
	7	9	—	—	2,45	3,15	—	—	2,28	5,60	7,10	0,61	1,55	2,08	3,61
	7	12	—	—	2,21	3,79	—	—	2,28	6,00	7,55	0,61	1,66	2,20	3,61
	7	18	—	—	2,18	5,62	—	—	2,28	7,80	8,37	0,61	2,16	2,69	3,61
	7	24	—	—	2,21	7,59	—	—	2,28	9,80	9,74	0,61	2,71	2,91	3,61
	9	9	—	—	3,00	3,00	—	—	2,28	6,00	7,55	0,61	1,66	2,20	3,61
	9	12	—	—	3,00	4,00	—	—	2,28	7,00	7,74	0,61	1,94	2,32	3,61
	9	18	—	—	2,63	5,27	—	—	2,28	7,90	8,37	0,61	2,19	2,69	3,61
	9	24	—	—	2,59	6,91	—	—	2,28	9,50	9,28	0,61	2,63	2,94	3,61
	12	12	—	—	3,75	3,75	—	—	2,28	7,50	8,19	0,61	2,08	2,40	3,61
	12	18	—	—	3,20	4,80	—	—	2,28	8,00	8,37	0,61	2,22	2,69	3,61
	12	24	—	—	3,33	6,67	—	—	2,28	10,00	8,37	0,61	2,77	2,69	3,61
	18	18	—	—	4,00	4,00	—	—	2,28	8,00	8,37	0,61	2,22	2,69	3,61
3 indoor units (1x3)	7	7	7	—	2,33	2,33	2,33	—	2,91	7,00	9,37	0,73	1,92	2,84	3,65
	7	7	9	—	2,37	2,37	3,05	—	2,91	7,80	9,37	0,73	2,14	2,84	3,65
	7	7	12	—	2,29	2,29	3,92	—	2,91	8,50	9,37	0,73	2,28	2,84	3,73
	7	7	18	—	1,93	1,93	4,95	—	2,91	8,80	9,37	0,73	2,37	2,84	3,72
	7	9	9	—	2,38	3,06	2,68	—	2,91	8,50	9,37	0,73	2,28	2,84	3,73
	7	9	12	—	2,20	2,83	3,77	—	2,91	8,80	9,37	0,73	2,36	2,84	3,73
	7	9	18	—	1,81	2,33	4,66	—	2,91	8,80	9,37	0,73	2,37	2,84	3,72
	7	12	12	—	1,99	3,41	3,41	—	2,91	8,80	9,37	0,73	2,36	2,84	3,73
	9	9	9	—	2,93	2,93	2,93	—	2,91	8,80	9,37	0,73	2,36	2,84	3,73
	9	9	12	—	2,64	2,64	3,52	—	2,91	8,80	9,37	0,73	2,36	2,84	3,73
	9	9	18	—	2,20	2,20	4,40	—	2,91	8,80	9,37	0,73	2,37	2,84	3,72
	9	12	12	—	2,40	3,20	3,20	—	2,91	8,80	9,37	0,73	2,37	2,84	3,72
12	12	12	—	2,93	2,93	2,93	—	2,91	8,80	9,37	0,73	2,37	2,84	3,72	
4 indoor units (1x4)	7	7	7	7	2,28	2,28	2,28	2,28	3,37	9,10	11,01	0,83	2,45	3,06	3,72
	7	7	7	9	2,12	2,12	2,12	2,73	3,37	9,10	11,01	0,83	2,45	3,06	3,72
	7	7	7	12	1,93	1,93	1,93	3,31	3,37	9,10	11,01	0,83	2,45	3,06	3,72
	7	7	9	9	1,99	1,99	2,56	2,56	3,37	9,10	11,01	0,83	2,45	3,06	3,72
	7	7	9	12	1,82	1,82	2,34	3,12	3,37	9,10	11,01	0,83	2,45	3,06	3,72
	7	9	9	9	1,87	2,41	2,41	2,41	3,37	9,10	11,01	0,83	2,45	3,06	3,72
	9	9	9	9	2,28	2,28	2,28	2,28	3,37	9,10	11,01	0,83	2,45	3,06	3,72

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

MULTI-SPLIT - R-32 - 38QUS*2/3/4/5

CONFIGURATION TABLE

38QUS036...

COOLING	INDOOR UNITS COMBINATIONS				NOMINAL CAPACITY (kW)				OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			EER
	A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	—	—	2,00	—	—	—	1,59	2,00	2,90	0,45	0,62	0,78	3,21
	9	—	—	—	2,50	—	—	—	1,59	2,50	3,20	0,45	0,78	0,97	3,21
	12	—	—	—	3,50	—	—	—	1,59	3,50	3,90	0,45	1,09	1,31	3,21
	18	—	—	—	5,00	—	—	—	1,80	5,00	6,50	0,58	1,56	1,79	3,21
	24	—	—	—	7,00	—	—	—	2,01	7,00	8,00	0,62	2,18	2,29	3,21
2 indoor units (1x2)	7	7	—	—	2,10	2,10	—	—	2,23	4,20	6,36	0,63	1,31	2,15	3,21
	7	9	—	—	2,06	2,64	—	—	2,23	4,70	6,57	0,63	1,46	2,31	3,21
	7	12	—	—	2,03	3,47	—	—	2,23	5,50	6,89	0,63	1,71	2,48	3,21
	7	24	—	—	2,05	7,05	—	—	2,23	9,10	11,21	0,63	2,83	3,14	3,21
	7	18	—	—	1,96	5,04	—	—	2,23	7,00	8,48	0,63	2,18	2,91	3,21
	9	9	—	—	2,65	2,65	—	—	2,23	5,30	6,89	0,63	1,65	2,48	3,21
	9	12	—	—	2,57	3,43	—	—	2,23	6,00	7,42	0,63	1,87	2,64	3,21
	9	18	—	—	2,50	5,00	—	—	2,23	7,50	9,54	0,63	2,34	2,97	3,21
	9	24	—	—	2,65	7,05	—	—	2,23	9,70	11,80	0,63	3,02	3,30	3,21
	12	12	—	—	3,50	3,50	—	—	2,23	7,00	7,95	0,63	2,18	2,81	3,21
	12	18	—	—	3,40	5,10	—	—	2,23	8,50	10,07	0,63	2,65	2,97	3,21
	12	24	—	—	3,33	6,67	—	—	2,23	10,00	11,80	0,63	3,12	3,24	3,21
	18	18	—	—	5,00	5,00	—	—	2,23	10,00	10,60	0,63	3,12	3,30	3,21
	3 indoor units (1x3)	7	7	7	—	2,00	2,00	2,00	—	2,86	6,00	7,42	0,79	1,85	2,97
7		7	9	—	1,98	1,98	2,54	—	2,86	6,50	7,95	0,79	2,01	3,14	3,23
7		7	12	—	2,02	2,02	3,46	—	2,86	7,50	9,01	0,79	2,33	3,30	3,22
7		7	18	—	1,97	1,97	5,06	—	2,86	9,00	11,66	0,79	2,80	3,63	3,21
7		7	24	—	2,03	2,03	6,95	—	2,86	11,00	13,25	0,79	3,42	3,80	3,22
7		9	9	—	1,96	2,52	2,52	—	2,86	7,00	9,01	0,79	2,17	3,30	3,23
7		9	12	—	2,00	2,57	3,43	—	2,86	8,00	10,07	0,79	2,48	3,47	3,22
7		9	18	—	1,96	2,51	5,03	—	2,86	9,50	11,66	0,79	2,96	3,63	3,21
7		9	24	—	2,01	2,59	6,90	—	2,86	11,50	13,25	0,79	3,57	3,83	3,22
7		12	12	—	2,03	3,48	3,48	—	2,86	9,00	10,60	0,79	2,80	3,47	3,21
7		12	18	—	1,89	3,24	4,86	—	2,86	10,00	11,66	0,79	3,12	3,63	3,21
7		12	24	—	1,87	3,21	6,42	—	2,86	11,50	13,25	0,79	3,57	3,76	3,22
7		18	18	—	1,63	4,19	4,19	—	2,86	10,00	11,66	0,79	3,12	3,63	3,21
9		9	9	—	2,50	2,50	2,50	—	2,86	7,50	10,07	0,79	2,34	3,47	3,21
9		9	12	—	2,55	2,55	3,40	—	2,86	8,50	10,60	0,79	2,65	3,47	3,21
9		9	18	—	2,50	2,50	5,00	—	2,86	10,00	11,66	0,79	3,12	3,63	3,21
9		9	24	—	2,46	2,46	6,57	—	2,86	11,50	11,66	0,79	3,57	3,63	3,22
9		12	12	—	2,59	3,45	3,45	—	2,86	9,50	11,66	0,79	2,96	3,63	3,21
9		12	18	—	2,31	3,08	4,62	—	2,86	10,00	11,66	0,79	3,12	3,63	3,21
9		12	24	—	2,00	2,67	5,33	—	2,86	10,00	11,66	0,79	3,11	3,63	3,22
9	18	18	—	2,00	4,00	4,00	—	2,86	10,00	11,66	0,79	3,12	3,63	3,21	
12	12	12	—	3,33	3,33	3,33	—	2,86	10,00	11,66	0,79	3,12	3,63	3,21	
12	12	18	—	2,86	2,86	4,29	—	2,86	10,00	11,66	0,79	3,12	3,63	3,21	
4 indoor units (1x4)	7	7	7	7	2,05	2,05	2,05	2,05	3,71	8,20	10,60	0,89	2,30	3,30	3,56
	7	7	7	9	1,98	1,98	1,98	2,55	3,71	8,50	11,66	0,89	2,50	3,47	3,40
	7	7	7	12	2,02	2,02	2,02	3,45	3,71	9,50	12,72	0,89	2,88	3,63	3,30
	7	7	7	18	1,88	1,88	1,88	4,85	3,71	10,50	13,78	0,89	3,27	4,29	3,21
	7	7	9	9	1,97	1,97	2,53	2,53	3,71	9,00	12,72	0,89	2,73	3,63	3,30
	7	7	9	12	2,00	2,00	2,57	3,43	3,71	10,00	13,25	0,89	3,12	3,96	3,21
	7	7	9	18	1,79	1,79	2,30	4,61	3,71	10,50	13,78	0,89	3,27	4,29	3,21
	7	7	12	12	1,93	1,93	3,32	3,32	3,71	10,50	13,78	0,89	3,27	4,29	3,21
	7	9	9	9	1,96	2,51	2,51	2,51	3,71	9,50	13,25	0,89	2,94	3,80	3,23
	7	9	9	12	2,01	2,58	2,58	3,44	3,71	10,60	13,78	0,89	3,30	4,29	3,21
	7	9	9	18	1,73	2,22	2,22	4,44	3,71	10,60	13,78	0,89	3,30	4,29	3,21
	7	9	12	12	1,86	2,39	3,18	3,18	3,71	10,60	13,78	0,89	3,30	4,29	3,21
	7	12	12	12	1,73	2,96	2,96	2,96	3,71	10,60	13,78	0,89	3,30	4,29	3,21
	9	9	9	9	2,65	2,65	2,65	2,65	3,71	10,60	13,78	0,89	3,30	4,29	3,21
	9	9	9	12	2,45	2,45	2,45	3,26	3,71	10,60	13,78	0,89	3,30	4,29	3,21
	9	9	9	18	2,12	2,12	2,12	4,24	3,71	10,60	13,78	0,89	3,30	4,29	3,21
	9	9	12	12	2,27	2,27	3,03	3,03	3,71	10,60	13,78	0,89	3,30	4,29	3,21
	9	12	12	12	2,12	2,83	2,83	2,83	3,71	10,60	13,78	0,89	3,30	4,29	3,21

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

CONFIGURATION TABLE

38QUS036...

HEATING	INDOOR UNITS COMBINATIONS				NOMINAL CAPACITY (kW)				OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			COP
	A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	—	—	2,50	—	—	—	1,80	2,50	2,90	0,45	0,69	0,86	3,62
	9	—	—	—	3,00	—	—	—	1,80	3,00	3,20	0,45	0,83	1,04	3,62
	12	—	—	—	3,80	—	—	—	1,80	3,80	3,90	0,45	1,05	1,26	3,62
	18	—	—	—	5,60	—	—	—	2,04	5,60	7,00	0,55	1,55	1,78	3,61
	24	—	—	—	7,60	—	—	—	2,04	7,60	8,50	0,70	2,11	2,21	3,61
2 indoor units (1x2)	7	7	—	—	2,50	2,50	—	—	2,52	5,00	7,20	0,63	1,38	2,15	3,63
	7	9	—	—	2,45	3,15	—	—	2,52	5,60	7,44	0,63	1,54	2,31	3,63
	7	12	—	—	2,21	3,79	—	—	2,52	6,00	7,80	0,63	1,65	2,48	3,63
	7	18	—	—	2,24	5,76	—	—	2,52	8,00	9,60	0,63	2,21	2,91	3,62
	7	24	—	—	2,21	7,59	—	—	2,52	9,80	11,40	0,63	2,71	3,21	3,62
	9	9	—	—	3,00	3,00	—	—	2,52	6,00	7,80	0,63	1,65	2,48	3,63
	9	12	—	—	3,00	4,00	—	—	2,52	7,00	8,40	0,63	1,93	2,64	3,63
	9	18	—	—	2,93	5,87	—	—	2,52	8,80	10,80	0,63	2,43	2,98	3,62
	9	24	—	—	2,78	7,42	—	—	2,52	10,20	12,00	0,63	2,82	3,31	3,62
	12	12	—	—	3,75	3,75	—	—	2,52	7,50	9,00	0,63	2,07	2,81	3,62
	12	18	—	—	3,76	5,64	—	—	2,52	9,40	11,40	0,63	2,60	2,98	3,62
	12	24	—	—	3,50	7,00	—	—	2,52	10,50	12,00	0,63	2,90	3,24	3,62
	18	18	—	—	5,50	5,50	—	—	2,52	11,00	12,00	0,63	3,05	3,31	3,61
	3 indoor units (1x3)	7	7	7	—	2,50	2,50	2,50	—	3,24	7,50	8,40	0,79	2,05	2,98
7		7	9	—	2,37	2,37	3,05	—	3,24	7,80	9,00	0,79	2,14	3,14	3,65
7		7	12	—	2,29	2,29	3,92	—	3,24	8,50	10,20	0,79	2,33	3,31	3,65
7		7	18	—	2,52	2,52	6,47	—	3,24	11,50	13,20	0,79	3,17	3,64	3,63
7		7	24	—	2,21	2,21	7,58	—	3,24	12,00	13,80	0,79	3,31	3,80	3,63
7		9	9	—	2,38	3,06	3,06	—	3,24	8,50	10,20	0,79	2,33	3,31	3,65
7		9	12	—	2,50	3,21	4,29	—	3,24	10,00	11,40	0,79	2,74	3,47	3,65
7		9	18	—	2,37	3,04	6,09	—	3,24	11,50	13,20	0,79	3,17	3,64	3,63
7		9	24	—	2,10	2,70	7,20	—	3,24	12,00	13,80	0,79	3,31	3,83	3,63
7		12	12	—	2,48	4,26	4,26	—	3,24	11,00	12,00	0,79	3,03	3,47	3,63
7		12	18	—	2,18	3,73	5,59	—	3,24	11,50	13,20	0,79	3,18	3,64	3,62
7		12	24	—	1,95	3,35	6,70	—	3,24	12,00	13,80	0,79	3,31	3,77	3,62
7		18	18	—	1,87	4,81	4,81	—	3,24	11,50	13,20	0,79	3,19	3,64	3,61
9		9	9	—	3,33	3,33	3,33	—	3,24	10,00	11,40	0,79	2,75	3,47	3,63
9		9	12	—	3,30	3,30	4,40	—	3,24	11,00	12,00	0,79	3,03	3,47	3,63
9		9	18	—	2,88	2,88	5,75	—	3,24	11,50	13,20	0,79	3,19	3,64	3,61
9		9	24	—	2,57	2,57	6,86	—	3,24	12,00	13,80	0,79	3,32	3,77	3,61
9		12	12	—	3,14	4,18	4,18	—	3,24	11,50	13,20	0,79	3,17	3,64	3,63
9		12	18	—	2,65	3,54	5,31	—	3,24	11,50	13,20	0,79	3,18	3,64	3,62
9		12	24	—	2,30	3,07	6,13	—	3,24	11,50	13,20	0,79	3,18	3,64	3,62
9	18	18	—	2,30	4,60	4,60	—	3,24	11,50	13,20	0,79	3,19	3,64	3,61	
12	12	12	—	3,83	3,83	3,83	—	3,24	11,50	13,20	0,79	3,17	3,64	3,63	
12	12	18	—	3,29	3,29	4,93	—	3,24	11,50	13,20	0,79	3,19	3,64	3,61	
4 indoor units (1x4)	7	7	7	7	2,50	2,50	2,50	2,50	4,20	10,00	12,00	0,89	2,59	3,31	3,86
	7	7	7	9	2,57	2,57	2,57	3,30	4,20	11,00	12,60	0,89	2,93	3,47	3,75
	7	7	7	12	2,50	2,50	2,50	4,29	4,20	11,80	13,20	0,89	3,19	3,64	3,70
	7	7	7	18	2,15	2,15	2,15	5,54	4,20	12,00	14,40	0,89	3,29	4,30	3,65
	7	7	9	9	2,58	2,58	3,32	3,32	4,20	11,80	13,20	0,89	3,19	3,64	3,70
	7	7	9	12	2,40	2,40	3,09	4,11	4,20	12,00	13,80	0,89	3,24	3,97	3,70
	7	7	9	18	2,05	2,05	2,63	5,27	4,20	12,00	14,40	0,89	3,31	4,30	3,63
	7	7	12	12	2,21	2,21	3,79	3,79	4,20	12,00	14,40	0,89	3,29	4,30	3,65
	7	9	9	9	2,47	3,18	3,18	3,18	4,20	12,00	13,80	0,89	3,24	3,80	3,70
	7	9	9	12	2,27	2,92	2,92	3,89	4,20	12,00	14,40	0,89	3,30	4,30	3,64
	7	9	9	18	1,95	2,51	2,51	5,02	4,20	12,00	14,40	0,89	3,31	4,30	3,63
	7	9	12	12	2,10	2,70	3,60	3,60	4,20	12,00	14,40	0,89	3,30	4,30	3,64
	7	12	12	12	1,95	3,35	3,35	3,35	4,20	12,00	14,40	0,89	3,31	4,30	3,63
	7	12	12	18	1,71	2,94	2,94	4,41	4,20	12,00	14,40	0,89	3,31	4,30	3,63
	9	9	9	9	3,00	3,00	3,00	3,00	4,20	12,00	14,40	0,89	3,31	4,30	3,63
	9	9	9	12	2,77	2,77	2,77	3,69	4,20	12,00	14,40	0,89	3,31	4,30	3,63
	9	9	9	18	2,40	2,40	2,40	4,80	4,20	12,00	14,40	0,89	3,31	4,30	3,63
	9	9	12	12	2,57	2,57	3,43	3,43	4,20	12,00	14,40	0,89	3,31	4,30	3,63
	9	12	12	12	2,40	3,20	3,20	3,20	4,20	12,00	14,40	0,89	3,31	4,30	3,63

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

CONFIGURATION TABLES

MULTI-SPLIT - R-32 - 38QUS*2/3/4/5

CONFIGURATION TABLE

38QUS042...

COOLING	INDOOR UNITS COMBINATIONS					NOMINAL CAPACITY (KW)					OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			EER
	A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	—	—	—	2,00	—	—	—	—	1,66	2,00	2,90	0,45	0,62	0,78	3,22
	9	—	—	—	—	2,50	—	—	—	—	1,66	2,50	3,20	0,45	0,78	0,97	3,22
	12	—	—	—	—	3,50	—	—	—	—	1,66	3,50	3,90	0,45	1,09	1,30	3,22
	18	—	—	—	—	5,00	—	—	—	—	1,85	5,00	6,50	0,58	1,56	1,79	3,21
	24	—	—	—	—	7,00	—	—	—	—	2,09	7,00	8,20	0,70	2,18	2,29	3,21
2 indoor units (1x2)	7	7	—	—	—	2,10	2,10	—	—	—	2,34	4,20	7,38	0,63	1,30	2,16	3,23
	7	9	—	—	—	2,06	2,64	—	—	—	2,34	4,70	7,63	0,63	1,46	2,31	3,23
	7	12	—	—	—	2,03	3,47	—	—	—	2,34	5,50	8,00	0,63	1,70	2,50	3,23
	7	18	—	—	—	1,96	5,04	—	—	—	2,34	7,00	9,84	0,63	2,17	2,65	3,23
	7	24	—	—	—	2,05	7,05	—	—	—	2,34	9,10	11,69	0,63	2,83	2,98	3,21
	9	9	—	—	—	2,65	2,65	—	—	—	2,34	5,30	8,00	0,63	1,64	2,50	3,23
	9	12	—	—	—	2,57	3,43	—	—	—	2,34	6,00	8,61	0,63	1,86	2,53	3,23
	9	18	—	—	—	2,50	5,00	—	—	—	2,34	7,50	11,07	0,63	2,34	2,80	3,21
	9	24	—	—	—	2,65	7,05	—	—	—	2,34	9,70	12,30	0,63	3,02	3,17	3,21
	12	12	—	—	—	3,50	3,50	—	—	—	2,34	7,00	9,23	0,63	2,17	2,65	3,23
	12	18	—	—	—	3,40	5,10	—	—	—	2,34	8,50	11,69	0,63	2,65	3,06	3,21
	12	24	—	—	—	3,33	6,67	—	—	—	2,34	10,00	12,30	0,63	3,12	3,35	3,21
	18	18	—	—	—	5,25	5,25	—	—	—	2,34	10,50	12,30	0,63	3,27	3,35	3,21
18	24	—	—	—	4,93	6,57	—	—	—	2,34	11,50	12,50	0,63	3,58	3,35	3,21	
3 indoor units (1x3)	7	7	7	—	—	2,00	2,00	2,00	—	—	2,89	6,00	7,38	0,78	1,85	2,98	3,25
	7	7	9	—	—	1,98	1,98	2,54	—	—	2,89	6,50	8,61	0,78	2,00	3,17	3,25
	7	7	12	—	—	2,02	2,02	3,46	—	—	2,89	7,50	9,23	0,78	2,31	3,35	3,25
	7	7	18	—	—	1,97	1,97	5,06	—	—	2,89	9,00	11,07	0,78	2,78	3,54	3,24
	7	7	24	—	—	2,03	2,03	6,95	—	—	2,89	11,00	12,92	0,78	3,42	3,73	3,22
	7	9	9	—	—	1,96	2,52	2,52	—	—	2,89	7,00	9,23	0,78	2,15	3,28	3,25
	7	9	12	—	—	2,00	2,57	3,43	—	—	2,89	8,00	10,46	0,78	2,46	3,43	3,25
	7	9	18	—	—	1,96	2,51	5,03	—	—	2,89	9,50	11,07	0,78	2,93	3,65	3,24
	7	9	24	—	—	2,01	2,59	6,90	—	—	2,89	11,50	12,92	0,78	3,57	3,88	3,22
	7	12	12	—	—	2,03	3,48	3,48	—	—	2,89	9,00	11,07	0,78	2,78	3,54	3,24
	7	12	18	—	—	1,99	3,41	5,11	—	—	2,89	10,50	12,30	0,78	3,26	3,73	3,22
	7	12	24	—	—	1,87	3,21	6,42	—	—	2,89	11,50	12,92	0,78	3,57	3,88	3,22
	7	18	18	—	—	1,87	4,81	4,81	—	—	2,89	11,50	12,92	0,78	3,57	3,88	3,22
	9	9	9	—	—	2,67	2,67	2,67	—	—	2,89	8,00	10,46	0,78	2,46	3,73	3,25
	9	9	12	—	—	2,70	2,70	3,60	—	—	2,89	9,00	12,92	0,78	2,78	3,54	3,24
	9	9	18	—	—	2,63	2,63	5,25	—	—	2,89	10,50	12,30	0,78	3,26	3,73	3,22
	9	9	24	—	—	2,46	2,46	6,57	—	—	2,89	11,50	12,92	0,78	3,57	3,88	3,22
	9	12	12	—	—	2,45	3,27	3,27	—	—	2,89	9,00	11,07	0,78	2,78	3,54	3,24
	9	12	18	—	—	2,54	3,38	5,08	—	—	2,89	11,00	11,69	0,78	3,42	3,73	3,22
	9	12	24	—	—	2,30	3,07	6,13	—	—	2,89	11,50	12,92	0,78	3,57	3,88	3,22
9	18	18	—	—	2,40	4,80	4,80	—	—	2,89	12,00	12,92	0,78	3,74	3,88	3,21	
12	12	12	—	—	3,17	3,17	3,17	—	—	2,89	9,50	11,07	0,78	2,93	3,65	3,24	
12	12	18	—	—	3,29	3,29	4,93	—	—	2,89	11,50	12,92	0,78	3,57	3,88	3,22	
12	12	24	—	—	3,00	3,00	6,00	—	—	2,89	12,00	12,92	0,78	3,74	3,88	3,21	
12	18	18	—	—	3,00	4,50	4,50	—	—	2,89	12,00	12,92	0,78	3,74	3,88	3,21	
12	18	24	—	—	2,67	4,00	5,33	—	—	2,89	12,00	12,92	0,78	3,74	3,88	3,21	

Notes :

Performance may vary depending on the type of indoor units and combinations.

Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).

The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

CONFIGURATION TABLE

38QUS042...

COOLING	INDOOR UNITS COMBINATIONS					NOMINAL CAPACITY (KW)					OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			EER
	A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	
4 indoor units (1x4)	7	7	7	7	—	2,00	2,00	2,00	2,00	—	3,69	8,00	10,50	0,89	2,45	3,35	3,26
	7	7	7	9	—	1,98	1,98	1,98	2,55	—	3,69	8,50	11,07	0,89	2,61	3,54	3,26
	7	7	7	12	—	2,02	2,02	2,02	3,45	—	3,69	9,50	11,69	0,89	2,92	3,65	3,25
	7	7	7	18	—	2,06	2,06	2,06	5,31	—	3,69	11,50	12,30	0,89	3,57	4,10	3,22
	7	7	7	24	—	1,87	1,87	1,87	6,40	—	3,69	12,00	13,53	0,89	3,74	4,29	3,21
	7	7	9	9	—	2,08	2,08	2,67	2,67	—	3,69	9,50	11,69	0,89	2,92	3,65	3,25
	7	7	9	12	—	2,00	2,00	2,57	3,43	—	3,69	10,00	12,30	0,89	3,08	4,10	3,25
	7	7	9	18	—	1,96	1,96	2,52	5,05	—	3,69	11,50	12,30	0,89	3,57	4,10	3,22
	7	7	9	24	—	1,79	1,79	2,30	6,13	—	3,69	12,00	13,53	0,89	3,74	4,29	3,21
	7	7	12	12	—	1,93	1,93	3,32	3,32	—	3,69	10,50	12,92	0,89	3,25	4,10	3,23
	7	7	12	18	—	1,83	1,83	3,14	4,70	—	3,69	11,50	13,53	0,89	3,57	4,10	3,22
	7	7	12	24	—	1,72	1,72	2,95	5,90	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21
	7	7	18	18	—	1,72	1,72	4,43	4,43	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21
	7	9	9	9	—	2,06	2,65	2,65	2,65	—	3,69	10,00	12,30	0,89	3,08	4,10	3,25
	7	9	9	12	—	1,99	2,55	2,55	3,41	—	3,69	10,50	12,92	0,89	3,25	4,10	3,23
	7	9	9	18	—	1,87	2,41	2,41	4,81	—	3,69	11,50	13,53	0,89	3,57	4,10	3,22
	7	9	9	24	—	1,76	2,26	2,26	6,02	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21
	7	9	12	12	—	2,01	2,59	3,45	3,45	—	3,69	11,50	13,53	0,89	3,57	4,10	3,22
	7	9	12	18	—	1,83	2,35	3,13	4,70	—	3,69	12,00	13,53	0,89	3,74	4,29	3,21
	7	9	12	24	—	1,66	2,13	2,84	5,68	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21
	7	9	18	18	—	1,66	2,13	4,26	4,26	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21
	7	12	12	12	—	1,87	3,21	3,21	3,21	—	3,69	11,50	13,53	0,89	3,57	4,10	3,22
	7	12	12	18	—	1,71	2,94	2,94	4,41	—	3,69	12,00	13,53	0,89	3,74	4,29	3,21
	9	9	9	9	—	2,63	2,63	2,63	2,63	—	3,69	10,50	12,92	0,89	3,25	4,10	3,23
	9	9	9	12	—	2,65	2,65	2,65	3,54	—	3,69	11,50	13,53	0,89	3,57	4,10	3,22
	9	9	9	18	—	2,40	2,40	2,40	4,80	—	3,69	12,00	13,53	0,89	3,74	4,29	3,21
	9	9	9	24	—	2,17	2,17	2,17	5,79	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21
	9	9	12	12	—	2,46	2,46	3,29	3,29	—	3,69	11,50	13,53	0,89	3,57	4,10	3,22
	9	9	12	18	—	2,25	2,25	3,00	4,50	—	3,69	12,00	13,53	0,89	3,74	4,29	3,21
	9	9	12	24	—	2,05	2,05	2,73	5,47	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21
	9	9	18	18	—	2,05	2,05	4,10	4,10	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21
	9	12	12	12	—	2,30	3,07	3,07	3,07	—	3,69	11,50	13,53	0,89	3,57	4,10	3,22
9	12	12	18	—	2,17	2,89	2,89	4,34	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21	
12	12	12	12	—	2,88	2,88	2,88	2,88	—	3,69	11,50	13,53	0,89	3,57	4,10	3,22	
12	12	12	18	—	2,73	2,73	2,73	4,10	—	3,69	12,30	13,53	0,89	3,83	4,29	3,21	
5 indoor units (1x5)	7	7	7	7	7	2,10	2,10	2,10	2,10	2,10	4,18	10,50	14,00	1,01	3,09	4,96	3,40
	7	7	7	7	9	2,08	2,08	2,08	2,08	2,68	4,18	11,00	14,00	1,01	3,24	4,96	3,40
	7	7	7	7	12	2,01	2,01	2,01	2,01	3,45	4,18	11,50	14,00	1,01	3,42	4,96	3,37
	7	7	7	7	18	1,87	1,87	1,87	1,87	4,81	4,18	12,30	14,00	1,01	3,73	4,96	3,30
	7	7	7	7	24	1,66	1,66	1,66	1,66	5,68	4,18	12,30	14,00	1,01	3,76	4,96	3,27
	7	7	7	9	9	2,06	2,06	2,06	2,65	2,65	4,18	11,50	14,00	1,01	3,42	4,96	3,37
	7	7	7	9	12	2,00	2,00	2,00	2,57	3,43	4,18	12,00	14,00	1,01	3,57	4,96	3,37
	7	7	7	9	18	1,79	1,79	1,79	2,31	4,61	4,18	12,30	14,00	1,01	3,73	4,96	3,30
	7	7	7	9	24	1,59	1,59	1,59	2,05	5,47	4,18	12,30	14,00	1,01	3,76	4,96	3,27
	7	7	7	12	12	1,91	1,91	1,91	3,28	3,28	4,18	12,30	14,00	1,01	3,69	4,96	3,33
	7	7	7	12	18	1,69	1,69	1,69	2,89	4,34	4,18	12,30	14,00	1,01	3,75	4,96	3,28
	7	7	9	9	9	2,05	2,05	2,63	2,63	2,63	4,18	12,00	14,00	1,01	3,57	4,96	3,37
	7	7	9	9	12	1,96	1,96	2,52	2,52	3,35	4,18	12,30	14,00	1,01	3,69	4,96	3,33
	7	7	9	9	18	1,72	1,72	2,21	2,21	4,43	4,18	12,30	14,00	1,01	3,75	4,96	3,28
	7	7	9	12	12	1,83	1,83	2,36	3,14	3,14	4,18	12,30	14,00	1,01	3,73	4,96	3,30
	7	7	9	12	18	1,62	1,62	2,09	2,78	4,18	4,18	12,30	14,00	1,01	3,76	4,96	3,27
	7	7	12	12	12	1,72	1,72	2,95	2,95	2,95	4,18	12,30	14,00	1,01	3,73	4,96	3,30
	7	9	9	9	9	2,00	2,57	2,57	2,57	2,57	4,18	12,30	14,00	1,01	3,69	4,96	3,33
	7	9	9	9	12	1,87	2,41	2,41	2,41	3,21	4,18	12,30	14,00	1,01	3,73	4,96	3,30
	7	9	9	9	18	1,66	2,13	2,13	2,13	4,26	4,18	12,30	14,00	1,01	3,76	4,96	3,27
	7	9	9	12	12	1,76	2,26	2,26	3,01	3,01	4,18	12,30	14,00	1,01	3,73	4,96	3,30
	7	9	12	12	12	1,66	2,13	2,84	2,84	2,84	4,18	12,30	14,00	1,01	3,75	4,96	3,28
	9	9	9	9	9	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,00	1,01	3,73	4,96	3,30
	9	9	9	9	12	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,00	1,01	3,73	4,96	3,30
9	9	9	9	18	2,05	2,05	2,05	2,05	4,10	4,18	12,30	14,00	1,01	3,76	4,96	3,27	
9	9	9	12	12	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,00	1,01	3,75	4,96	3,28	
9	9	12	12	12	2,05	2,05	2,73	2,73	2,73	4,18	12,30	14,00	1,01	3,75	4,96	3,28	

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

CONFIGURATION TABLES

MULTI-SPLIT - R-32 - 38QUS*2/3/4/5

CONFIGURATION TABLE

38QUS042...

HEATING	INDOOR UNITS COMBINATIONS					NOMINAL CAPACITY (kW)					OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			COP
	A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	
1 indoor unit (1x1)	7	—	—	—	—	2,50	—	—	—	—	1,66	2,50	2,90	0,45	0,69	0,87	3,61
	9	—	—	—	—	3,00	—	—	—	—	1,66	3,00	3,20	0,45	0,83	1,04	3,61
	12	—	—	—	—	3,80	—	—	—	—	1,66	3,80	3,90	0,45	1,05	1,26	3,61
	18	—	—	—	—	5,60	—	—	—	—	1,85	5,60	7,00	0,58	1,55	1,78	3,61
	24	—	—	—	—	7,60	—	—	—	—	2,09	7,60	8,50	0,70	2,10	2,20	3,62
2 indoor units (1x2)	7	7	—	—	—	2,50	2,50	—	—	—	2,34	5,00	7,38	0,57	1,38	1,95	3,63
	7	9	—	—	—	2,45	3,15	—	—	—	2,34	5,60	7,63	0,57	1,54	2,09	3,63
	7	12	—	—	—	2,21	3,79	—	—	—	2,34	6,00	8,00	0,57	1,65	2,26	3,63
	7	18	—	—	—	2,24	5,76	—	—	—	2,34	8,00	9,84	0,57	2,20	2,39	3,63
	7	24	—	—	—	2,21	7,59	—	—	—	2,34	9,80	11,69	0,57	2,71	2,70	3,62
	9	9	—	—	—	3,00	3,00	—	—	—	2,34	6,00	8,00	0,57	1,65	2,26	3,63
	9	12	—	—	—	2,91	3,89	—	—	—	2,34	6,80	8,61	0,57	1,87	2,29	3,63
	9	18	—	—	—	2,93	5,87	—	—	—	2,34	8,80	11,07	0,57	2,42	2,53	3,63
	9	24	—	—	—	2,78	7,42	—	—	—	2,34	10,20	12,30	0,57	2,82	2,86	3,62
	12	12	—	—	—	3,75	3,75	—	—	—	2,34	7,50	9,23	0,57	2,07	2,39	3,63
	12	18	—	—	—	3,76	5,64	—	—	—	2,34	9,40	11,69	0,57	2,59	2,76	3,63
	12	24	—	—	—	3,50	7,00	—	—	—	2,34	10,50	12,30	0,57	2,90	3,03	3,62
	18	18	—	—	—	5,50	5,50	—	—	—	2,34	11,00	12,30	0,57	3,04	3,03	3,62
18	24	—	—	—	4,93	6,57	—	—	—	2,34	11,50	12,50	0,57	3,18	3,03	3,62	
3 indoor units (1x3)	7	7	7	—	—	2,50	2,50	2,50	—	—	2,89	7,50	8,61	0,71	2,05	2,70	3,65
	7	7	9	—	—	2,37	2,37	3,05	—	—	2,89	7,80	9,23	0,71	2,14	2,86	3,65
	7	7	12	—	—	2,29	2,29	3,92	—	—	2,89	8,50	9,84	0,71	2,33	3,03	3,65
	7	7	18	—	—	2,52	2,52	6,47	—	—	2,89	11,50	12,30	0,71	3,16	3,20	3,64
	7	7	24	—	—	2,21	2,21	7,58	—	—	2,89	12,00	12,92	0,71	3,31	3,37	3,62
	7	9	9	—	—	2,38	3,06	3,06	—	—	2,89	8,50	9,84	0,71	2,33	2,97	3,65
	7	9	12	—	—	2,50	3,21	4,29	—	—	2,89	10,00	12,30	0,71	2,74	3,10	3,65
	7	9	18	—	—	2,37	3,04	6,09	—	—	2,89	11,50	12,30	0,71	3,16	3,30	3,64
	7	9	24	—	—	2,10	2,70	7,20	—	—	2,89	12,00	12,92	0,71	3,31	3,50	3,62
	7	12	12	—	—	2,48	4,26	4,26	—	—	2,89	11,00	12,30	0,71	3,01	3,20	3,65
	7	12	18	—	—	2,18	3,73	5,59	—	—	2,89	11,50	12,30	0,71	3,17	3,37	3,63
	7	12	24	—	—	1,95	3,35	6,70	—	—	2,89	12,00	12,92	0,71	3,32	3,50	3,61
	7	18	18	—	—	1,95	5,02	5,02	—	—	2,89	12,00	12,92	0,71	3,32	3,50	3,61
	9	9	9	—	—	3,33	3,33	3,33	—	—	2,89	10,00	12,30	0,71	2,74	3,37	3,65
	9	9	12	—	—	3,30	3,30	4,40	—	—	2,89	11,00	12,30	0,71	3,01	3,20	3,65
	9	9	18	—	—	2,88	2,88	5,75	—	—	2,89	11,50	12,30	0,71	3,17	3,37	3,63
	9	9	24	—	—	2,57	2,57	6,86	—	—	2,89	12,00	12,92	0,71	3,32	3,50	3,61
	9	12	12	—	—	3,14	4,18	4,18	—	—	2,89	11,50	12,30	0,71	3,16	3,20	3,64
	9	12	18	—	—	2,77	3,69	5,54	—	—	2,89	12,00	12,92	0,71	3,31	3,37	3,62
	9	12	24	—	—	2,40	3,20	6,40	—	—	2,89	12,00	12,92	0,71	3,32	3,50	3,61
9	18	18	—	—	2,40	4,80	4,80	—	—	2,89	12,00	12,92	0,71	3,32	3,50	3,61	
12	12	12	—	—	3,83	3,83	3,83	—	—	2,89	11,50	12,30	0,71	3,16	3,30	3,64	
12	12	18	—	—	3,43	3,43	5,14	—	—	2,89	12,00	12,92	0,71	3,31	3,50	3,62	
12	12	24	—	—	3,00	3,00	6,00	—	—	2,89	12,00	12,92	0,71	3,32	3,50	3,61	
12	18	18	—	—	3,00	4,50	4,50	—	—	2,89	12,00	12,92	0,71	3,32	3,50	3,61	
12	18	24	—	—	2,67	4,00	5,33	—	—	2,89	12,00	12,92	0,71	3,32	3,50	3,61	

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

CONFIGURATION TABLE















38QUS042...

HEATING	INDOOR UNITS COMBINATIONS					NOMINAL CAPACITY (kW)					OUTPUT CAPACITY (kW)			INPUT CAPACITY (kW)			COP
	A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	
4 indoor units (1x4)	7	7	7	7	—	2,50	2,50	2,50	2,50	—	3,69	10,00	12,67	0,81	2,74	3,03	3,65
	7	7	7	9	—	2,57	2,57	2,57	3,30	—	3,69	11,00	12,92	0,81	3,01	3,20	3,65
	7	7	7	12	—	2,50	2,50	2,50	4,29	—	3,69	11,80	13,53	0,81	3,23	3,30	3,65
	7	7	7	18	—	2,15	2,15	2,15	5,54	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	7	7	7	24	—	1,91	1,91	1,91	6,56	—	3,69	12,30	13,53	0,81	3,40	3,88	3,62
	7	7	9	9	—	2,63	2,63	3,38	3,38	—	3,69	12,00	13,53	0,81	3,29	3,30	3,65
	7	7	9	12	—	2,40	2,40	3,09	4,11	—	3,69	12,00	13,53	0,81	3,29	3,71	3,65
	7	7	9	18	—	2,05	2,05	2,63	5,27	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	7	7	9	24	—	1,83	1,83	2,36	6,28	—	3,69	12,30	13,53	0,81	3,41	3,88	3,61
	7	7	12	12	—	2,21	2,21	3,79	3,79	—	3,69	12,00	13,53	0,81	3,30	3,71	3,64
	7	7	12	18	—	1,91	1,91	3,27	4,91	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	7	7	12	24	—	1,72	1,72	2,95	5,90	—	3,69	12,30	13,53	0,81	3,41	3,88	3,61
	7	7	18	18	—	1,68	1,68	4,32	4,32	—	3,69	12,00	13,53	0,81	3,32	3,88	3,61
	7	9	9	9	—	2,47	3,18	3,18	3,18	—	3,69	12,00	13,53	0,81	3,29	3,71	3,65
	7	9	9	12	—	2,27	2,92	2,92	3,89	—	3,69	12,00	13,53	0,81	3,30	3,71	3,64
	7	9	9	18	—	1,95	2,51	2,51	5,02	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	7	9	9	24	—	1,76	2,26	2,26	6,02	—	3,69	12,30	13,53	0,81	3,41	3,88	3,61
	7	9	12	12	—	2,10	2,70	3,60	3,60	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	7	9	12	18	—	1,83	2,35	3,13	4,70	—	3,69	12,00	13,53	0,81	3,32	3,88	3,61
	7	9	12	24	—	1,66	2,13	2,84	5,68	—	3,69	12,30	13,53	0,81	3,41	3,88	3,61
	7	9	18	18	—	1,62	2,08	4,15	4,15	—	3,69	12,00	13,53	0,81	3,31	3,88	3,62
	7	12	12	12	—	1,95	3,35	3,35	3,35	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	7	12	12	18	—	1,71	2,94	2,94	4,41	—	3,69	12,00	13,53	0,81	3,32	3,88	3,61
	9	9	9	9	—	3,00	3,00	3,00	3,00	—	3,69	12,00	13,53	0,81	3,30	3,71	3,64
	9	9	9	12	—	2,77	2,77	2,77	3,69	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	9	9	9	18	—	2,40	2,40	2,40	4,80	—	3,69	12,00	13,53	0,81	3,32	3,88	3,61
	9	9	9	24	—	2,17	2,17	2,17	5,79	—	3,69	12,30	13,53	0,81	3,41	3,88	3,61
	9	9	12	12	—	2,57	2,57	3,43	3,43	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	9	9	12	18	—	2,25	2,25	3,00	4,50	—	3,69	12,00	13,53	0,81	3,32	3,88	3,61
	9	9	12	24	—	2,05	2,05	2,73	5,47	—	3,69	12,30	13,53	0,81	3,40	3,88	3,62
	9	12	12	12	—	2,40	3,20	3,20	3,20	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	9	12	12	18	—	2,00	2,00	4,00	4,00	—	3,69	12,00	13,53	0,81	3,31	3,88	3,62
	9	12	12	12	—	2,40	3,20	3,20	3,20	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	9	12	12	18	—	2,12	2,82	2,82	4,24	—	3,69	12,00	13,53	0,81	3,32	3,88	3,61
	12	12	12	12	—	3,00	3,00	3,00	3,00	—	3,69	12,00	13,53	0,81	3,31	3,71	3,63
	12	12	12	18	—	2,67	2,67	2,67	4,00	—	3,69	12,00	13,53	0,81	3,32	3,88	3,61
5 indoor units (1x5)	7	7	7	7	7	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,94	0,91	3,40	4,48	3,62
	7	7	7	7	9	2,33	2,33	2,33	2,33	2,99	4,18	12,30	14,94	0,91	3,40	4,48	3,62
	7	7	7	7	12	2,15	2,15	2,15	2,15	3,69	4,18	12,30	14,94	0,91	3,40	4,48	3,62
	7	7	7	7	18	1,87	1,87	1,87	1,87	4,81	4,18	12,30	14,94	0,91	3,37	4,48	3,65
	7	7	7	7	24	1,66	1,66	1,66	1,66	5,68	4,18	12,30	14,94	0,91	3,28	4,48	3,75
	7	7	7	9	9	2,21	2,21	2,21	2,84	2,84	4,18	12,30	14,94	0,91	3,40	4,48	3,62
	7	7	7	9	12	2,05	2,05	2,05	2,64	3,51	4,18	12,30	14,94	0,91	3,40	4,48	3,62
	7	7	7	9	18	1,79	1,79	1,79	2,31	4,61	4,18	12,30	14,94	0,91	3,32	4,48	3,71
	7	7	7	9	24	1,59	1,59	1,59	2,05	5,47	4,18	12,30	14,94	0,91	3,28	4,48	3,75
	7	7	7	12	12	1,91	1,91	1,91	3,28	3,28	4,18	12,30	14,94	0,91	3,40	4,48	3,62
	7	7	7	12	18	1,69	1,69	1,69	2,89	4,34	4,18	12,30	14,94	0,91	3,32	4,48	3,71
	7	7	9	9	9	2,10	2,10	2,70	2,70	2,70	4,18	12,30	14,94	0,91	3,40	4,48	3,62
	7	7	9	9	12	1,96	1,96	2,52	2,52	3,35	4,18	12,30	14,94	0,91	3,40	4,48	3,62
	7	7	9	9	18	1,72	1,72	2,21	2,21	4,43	4,18	12,30	14,94	0,91	3,32	4,48	3,71
	7	7	9	12	12	1,83	1,83	2,36	3,14	3,14	4,18	12,30	14,94	0,91	3,37	4,48	3,65
	7	7	9	12	18	1,62	1,62	2,09	2,78	4,18	4,18	12,30	14,94	0,91	3,37	4,48	3,65
	7	7	12	12	12	1,72	1,72	2,95	2,95	2,95	4,18	12,30	14,94	0,91	3,37	4,48	3,65
	7	9	9	9	9	2,00	2,57	2,57	2,57	2,57	4,18	12,30	14,94	0,91	3,40	4,48	3,62
	7	9	9	9	12	1,87	2,41	2,41	2,41	3,21	4,18	12,30	14,94	0,91	3,37	4,48	3,65
	7	9	9	9	18	1,66	2,13	2,13	2,13	4,26	4,18	12,30	14,94	0,91	3,28	4,48	3,75
	7	9	9	12	12	1,76	2,26	2,26	3,01	3,01	4,18	12,30	14,94	0,91	3,37	4,48	3,65
	7	9	12	12	12	1,66	2,13	2,84	2,84	2,84	4,18	12,30	14,94	0,91	3,32	4,48	3,71
	9	9	9	9	9	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,94	0,91	3,37	4,48	3,65
	9	9	9	9	12	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,94	0,91	3,37	4,48	3,65
9	9	9	9	18	2,05	2,05	2,05	2,05	4,10	4,18	12,30	14,94	0,91	3,28	4,48	3,75	
9	9	9	12	12	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,94	0,91	3,32	4,48	3,71	
9	9	12	12	12	2,05	2,05	2,73	2,73	2,73	4,18	12,30	14,94	0,91	3,32	4,48	3,71	

Notes :
 Performance may vary depending on the type of indoor units and combinations.
 Cooling capacities are given at an indoor temperature of 27°C (DB) / 19°C (WB) and an outdoor temperature of 35°C (DB) / 24°C (WB).
 The heating capacities are given at an indoor temperature of 20°C (DB) / 15°C (WB) and an outdoor temperature of 7°C (DB) / 6°C (WB).

CONFIGURATION TABLES

CONTROLS

	INFRARED	WIRED CONTROLLER			CENTRALIZED CONTROLLER	WI-FI	
	 RG	 KJR-120X2*	 KJR-120X	 CCM09	 WI-FI / SMART KIT	 WI-FI LC*	
APPLICATIONS							
 HIGH WALL 42QHP	● RG10	● Requires transfer board: 17222000A58719	-	● 17311500A00145	Included		
 HIGH WALL 42QHE QHE	● RG10L	● Requires transfer board: 17317100A28268	● Requires transfer board: 17317100A31589	● Requires transfer board: 17311500A03582	-		
 HIGH WALL 42QHG-H	● RG67G	● Requires transfer board: - 17222000A58719 or - 17222000A58718	● Requires transfer board: - 17222000A58716 or - 17222000A58717	● Requires transfer board: - 17222000A58719 or - 17222000A58718	Wi-Fi ready. Smart kit to be purchased separately as accessory		
 HIGH WALL 42QHG	● RG67G	● Requires transfer board: - 17222000A58719 or - 17222000A58718	● Requires transfer board: - 17222000A58716 or - 17222000A58717	● Requires transfer board: - 17222000A58719 or - 17222000A58718	-		
 CASSETTE 42QTD 600 x 600	● RG67G	●	-	●	-	Wi-Fi ready. Smart kit to be purchased separately as accessory	
 CASSETTE 42QTD 900 x 900	● RG67G1	-	●	●	Wi-Fi ready. Smart kit to be purchased separately as accessory		
 DUCT 42QSS	● RG67G	-	●	●	-	-	
 UNDER-CEILING 42QZL	● RG67G	●	-	●	-	Wi-Fi ready. Smart kit to be purchased separately as accessory	
Indoor units to be connected	1	1	16	64	1	1	

*KJR-120X2 and Wi-Fi LC cannot be connected simultaneously

	INFRARED	WIRED CONTROLLER		CENTRALIZED CONTROLLER	WI-FI	
	 RG	 KJR-120X2*	 KJR-120X	 CCM09	 WI-FI / SMART KIT	 WI-FI LC*
FUNCTIONS						
On/Off	●	●	●	●	●	●
Setpoint temperature adjustment	+16 to +30°C	+17 to +30°C	+17 to +30°C	+17 to +30°C	+17 to +30°C	+17 to +30°C
Locking setpoint temperature limit	●	●	●	-	-	-
Operating mode setting (auto/cooling/dehumidification/heating/ventilation)	●	●	●	●	●	●
Fan speed setting (auto/high/med/low)	●	●	●	●	●	●
Damper oscillation setting (All High Wall range or cassettes)	●	●	●	●	●	●
Individual louver setting (Cassette QTD 900*900)	● RG67G1	●	●	-	-	●
Automatic static pressure adjustment (Duct QSS)	●	-	●	-	-	-
Follow Me	●	●	●	-	-	-
Eco - XECO 50%; 75% Sleep - ECO	●	-	-	-	-	-
Sleep - ECO Sleep	●	-	-	-	●	●
Turbo	●	●	●	-	-	-
Timer	●	●	●	●	●	●
Memorization of setting preferences (My mode)	●	-	-	-	-	-
Frost protection function	●	-	-	-	●	●
Self Clean cleaning	●	-	-	-	-	-
Automatic restart	●	●	●	●	●	●
Keyboard lock	●	●	●	●	n.a.	n.a.
Alarm	●	●	●	●	●	●
Test procedure	-	-	-	-	●	●
Communication with IR remote control	//	●	●	●	●	●
ON/OFF contact (QHG and QHG-H High wall)	-	-	● requires transfer board	-	-	-
Rotation & Back-up (server rooms)	-	-	●	-	-	-
Two connectable controllers	-	-	●	-	-	-
Restriction control for indoor units	-	-	-	●	-	-
Emergency stop of the units	-	-	-	●	-	-
PROGRAMMING						
Programming range	-	daily_weekly	daily_weekly	daily_weekly	daily_weekly	daily_weekly
Number of daily settings 4-wire communication	-	daily_weekly	daily_weekly	daily_weekly	daily_weekly	daily_weekly
DISPLAY						
Fault code indication	●	●	●	●	●	●
Time	-	●	●	●	●	●
Date	-	Day	Day	DD/MM/YY	DD/MM/YY	DD/MM/YY
Touch controls	-	●	●	-	●	●

*KJR 120 X2 and Wi-Fi LC cannot be connected simultaneously

ADDITIONAL OFFER RESIDENTIAL





FLOOR STANDING - R-32 - 42QFD



FLOOR STANDING UNIT 42QFD

- **High energy efficiency** in medium climate: up to A++/A+
- **High flow rate** (2300 m³/h) and range (12 m) for a more homogeneous air conditioning
- **3D air flow** thanks to motorized louvers that allow a better distribution according to individual preferences
- **Avoid me feature:** avoids direct airflow blowing on you
- **LED display:** elegant and easy to read
- **Easy installation** thanks to multiple pipe connections





Specifications Floor standing



FLOOR STANDING SYSTEM		SIZE 48
Cooling capacity	KW	14.60 (3.50-15.68)
Heating capacity	kW	16.10 (4.10-18.50)
Heating capacity at -7, -10, -15°C	kW	14,80 - 11,35 - 10,00
P design capacity cooling	kW	14,60
P design capacity heating (average)	kW	11,00
P design capacity heating (warmer)	kW	11,00
SEER/SCOP(average)/SCOP(warmer)	W/W	6.2/4.0/5.1
Energy label	-	A++ / A+ / A+++
Yearly energy consumption	kWh	825/3850/3019
EER/COP	W/W	2.95/3.74
Standard current (cooling)	A	8,0
Standard input (cooling)	W	4950
Standard current (heating)	A	7,0
Standard input (heating)	W	4300
OUTDOOR UNIT		38QUS048D8T
Temperature range cooling	°C	-15-50
Temperature range heating	°C	-15-24
Voltage/Hz/Ph	-	380-415V / 50Hz / 3Ph
Rated current	A	13
Rated input	W	6900
Refrigerant amount (R-32)	kg/TCO2	2.9/1.958
Liquid side / Gas side	mm(inch)	Ø9.52 / Ø15.9 (3/8" / 5/8")
Standard piping length	m	5
Min. piping length	m	3
Max. piping length	m	65
Max. difference	m	30
Additional charge	g/m	24
Sound power level	dB(A)	75
Sound pressure level	dB(A)	63,5
Sound pressure level (Rated Frequency at Cooling Mode)	dB(A)	/
Airflow	m³/h	7500
Weight (Net/Gross)	kg	103.7/118.3
Dimensions (W×D×H)	mm	952x415x1333
Packing (W×D×H)	mm	1095x495x1480
INDOOR UNIT		42QFD048D8S
Indoor fan motor input	W	210
Indoor fan motor max current	A	1,77
Sound power level	dB(A)	66
Sound pressure level (high/med/low)	dB(A)	53/49/47
Air flow (high/med/low)	m³/h	2413/2222/2027
External static pressure	Pa	0
Weight (Net/Gross)(Body)	kg	59.0/77.0
Weight (Net/Gross)(Panel)	kg	-
Dimensions (W×D×H)(Body)	mm	629x456x1935
Packing (W×D×H)(Body)	mm	750x575x2055
Dimensions (W×D×H)(Panel)	mm	-
Packing (W×D×H)(Panel)	mm	-

Note
 * Sound data @ cooling mode
 * -7°C/-10°C/-15°C heating capacity @ free frequency

ACCESSORIES	
Infrared controller	Included as standard

PORTABLE - R-290 - 51QPD



RESIDENTIAL PORTABLE 51QPD

- **Suitable for rooms** of approximately 13-29 m²
- **Additional and mobile air conditioning / heating solution** for houses and small offices
- **Easy to move** thanks to the wheels and side carrying handles
- **Intelligent on-off technology** enables the unit to automatically activate energy saving when in standby mode
- **Adjustment of temperature and fan speed**
- **Quiet and economical** sleep mode
- **Timer function** for automatic start and stop
- **4 modes:** automatic, cooling, ventilation and dehumidification
- **Follow me:** adjusts the room temperature according to the temperature around the remote control
- **Automatic restart after power failure**
- **For residential application only**



FOLLOW ME



TIMER



AUTO-SWING



Specifications Portable



MODEL		51QPD12N7S	
Power supply		V-Ph-Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	12000
	Capacity	kW	3,5
	EER	W/W	2,6
	Energy Efficiency Class		A
Heating	Capacity	Btu/h	10000
	Capacity	kW	2,9
	COP	W/W	2,8
	Energy Efficiency Class		A+
Moisture Removal		L/h	3,25
Air flow (Hi/Mi/Lo)		m ³ /h	420/370/350
Indoor side noise level(High/Mid/Low)		dB(A)	55/54/53
Sound power level (Hi)		dB(A)	64
Refrigerant type	Type		R290
	Charged quantity	kg	0,23
Control type			Remote Control
Operation temp (room temp.)		°C	17-35/5-30
Application area (Cooling Standard)		m ²	16-23
Dimension (W×D×H)		mm	467×397×765
Packing dimension (W×D×H)		mm	515×440×890
Net/Gross weight		kg	34.4/37.8

AIR PURIFIER - CAFN*LC2



AIR PURIFIER CAFN*LC2

Carrier introduces its intelligent and innovative air purifier with multiple purification stages against a wide range of pollutants.

- **Elegant design** fits into any interior design
- **User-friendly user interface** with a wide range of control options such as child lock, auto/sleep mode, timer, Ion mode
- **Filter replacement reminder**
Know when your purifier filter needs a change
- **4 fan speeds**
Adjust the speed of purification as per your needs
- **PM2.5 display**
Monitor air quality thanks to indicator on the display





3 FILTER LEVELS:

- 1) Washable nylon pre-filter:
to block large particles (hair, dust, pet fur, etc)
- 2) Highly efficient HEPA filter:
To remove particles as small as 0.3 microns and to reduce the spread of allergens, such as pollen
- 3) Activated carbon filter + Photo-catalyst filter (2 in 1):
To absorb VOC, odours, smoke and kill bacteria

+ EQUIPPED WITH UV LAMP

To kill and inhibit the growth of viruses and bacteria

Specifications Residential Air purifier

Model		CAFN026LC2	CAFN036LC2	CAFN051LC2
Voltage	V/Hz	220-240V / 50-60Hz		
Power Consumption	W	23	33	66
CADR	m ³ /h	260	360	510
Coverage Area	m ²	18.2-31.2	25.2-43.2	35.7-61.2
Air Volume	m ³ /h	300	430	600
Motor type		DC Motor		
Main Material		ABS		
Sensor		PM2.5 infrared sensor + temperature & relative humidity sensor		
Fan Speed		1 / 2 / 3 / 4		
Noise	dB(A)	≤58		≤65
Noise level - sound pressure - 1/2/3/4	dB(A)	26 / 34 / 45 / 58	27 / 38 / 47 / 58	28 / 41 / 51 / 65
Air Filter Configuration		1) Pre-Filter (washable) 2) H13 HEPA Filter (standard) 3) Active Carbon Filter + Photo-catalyst filter		
Filter replacement remind		Yes		
Ion	pcs/cm ³	10 x 10 ⁶	10 x 10 ⁶	10 x 10 ⁶
UV lamp	pc	1	1	2
Ozone generation	ppm	≤ 0.03 ppm		
Air quality indicator		4 stages (Blue / Green / Purple / Red)		
Timer	Hour	1 / 4 / 8	1 / 4 / 8	1 / 2 / 4 / 8
Dimension (D x W x H)	mm	347*175*535	410*210*628	460*230*710
Packing Dimension (D x W x H)	mm	396*225*603	460*260*690	524*297*771
Weight (Net / Gross)	kg	5.2 / 7.2	7 / 8.8	10 / 13
Color		White		

DEHUMIDIFIER - CDN / CDF / CDP



DEHUMIDIFIER CDN / CDF / CDP



CDN Series

- Linear, compact and ultra-quiet design.
- Versatile, lightweight and equipped with a carrying handle.
- Visible water level and protection of the load tank.
- Self-defrosting: the unit maintains space dehumidification even at low temperatures, even at low temperatures.

CDF Series

- Linear, compact and ultra-quiet design, only 39 dBA.
- Equipped with a reciprocating compressor that significantly reduces vibration and noise.
- Intelligent dehumidification: the unit automatically controls the humidity according to the ambient temperature

CDP Series

- Original and compact design with flat panel.
- Programmable on/off timer.
- Intelligent dehumidification: the unit automatically controls humidity according to the ambient temperature and avoids the reproduction of bacteria.
- Automatic defrosting: the unit maintains dehumidification in the space, even at low temperatures, until space, even at low temperatures, down to -20°C.



Specifications Dehumidifier

MODEL			CDN-10Q7	CDN-12Q7	CDF-16Q7	CDF-20Q7	CDP-30Q7	CDP-50Q7
Power supply	V-Hz-Ph		220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph
Performance	Moisture removal (30 °C/80%)	L/day	10	12	16	20	30	50
	Rated input (30 °C/80%)	W	230	250	330	360	550	850
	Rated current (30 °C/80%)	A	1,40	1,50	1,90	2,10	2,90	3,70
	EEV	L/kWh	1,80	2,00	2,00	2,30	2,20	2,40
Starting current	A		5,5	5,5	10,0	10,0	11,0	13,0
Plug type			0.75x3/VDE	0.75x3/VDE	0.75x3/VDE	0.75x3/VDE	0.75x3/VDE	0.75x3/VDE
Control type			Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control
System data	Refrigerant type	kg	R290/0.045	R290/0.05	R290/0.075	R290/0.075	R290/0.1	R290/0.145
	Design pressure	MPa	2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0
	Water tank volume	L	2,1	2,1	3	3	3	6
	Air flow (High/Mid/Low)	m³/h	107/-/-	118/-/-	150/122/74	168/125/99	191/-/166	353/-/319
	Sound pressure level (High/Mid/Low)	dB(A)	44.5/-/-	45.5/-/-	46/43/41	46/43/41	50/-/48.5	49.5/-/48
	RH Range Manual		35%-85%	35%-85%	35%-85%	35%-85%	35%-85%	35%-85%
Applicable Ambient	Ambient temperature	°C	5-32	5-32	5-32	5-32	5-32	5-32
	Application area	m²	16-31	20-35	29-44	37-52	58-73	101-116
Dimensions (W*D*H)	mm		320x215x420	320x215x420	350x245x510	350x245x510	386x260x500	392x282x616
Packing (W*D*H)	mm		360x253x440	360x253x440	385x300x530	385x300x530	420x297x532	430x330x657
Net/Gross weight	kg		11.0/12.0	11.5/12.5	15.0/16.0	15.0/16.0	17.0/18.0	19.0/20.0

TECHNICAL APPENDIX





ELECTRICAL SAFETY MONO-SPLIT



38 QHG - HIGH WALL 42QHG



Capacity		Btu/h	9K - 12K	18K	24K
Outdoor unit	Phase		1	1	1
	Power supply		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
	Max. current	A	10A - 11,5	13,5	19
Outdoor unit	Power cable	mm ²	3 X 1.5	3 X 1.5	3 X 2.5
	Switch/Circuit breaker	A	20A / 16A	20A / 16A	32A / 20A
Connection IDU/ODU	Electrical cable	mm ²	5 X 1.5	5 X 1.5	5 X 1.5
Refrigerant gas pipe Ø	mm		1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"



38 QUS - CASSETTE 42QTD

Capacity		Btu/h	12K	18K	24K	30K	36K	42K	36K T	48K T	60K T
Outdoor unit	Phase		1	1	1	1	1	1	3	3	3
	Power supply		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	380-415V, 50Hz	380-415V, 50Hz	380-415V, 50Hz
	Max. current	A	11,5	13,5	19	20	22,5	22,5	10	13	14
Outdoor unit	Power cable	mm ²	3 X 1.5	3 X 1.5	3 X 2.5	3 X 4.0	3 X 4.0	3 X 4.0	5 X 1.5	5 X 2.5	5 X 2.5
	Switch/Circuit breaker	A	20A / 16A	20A / 16A	32A / 20A	32A / 25A	32A / 25A	32A / 25A	25A / 16A	25A / 20A	25A / 20A
Connection IDU/ODU	Electrical cable	mm ²	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5
Refrigerant gas pipe Ø	mm		1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"

38 QUS - DUCT 42QSS



Capacity		Btu/h	12K	18K	24K	30K	36K	42K	36K T	48K T	60K T
Outdoor unit	Phase		1	1	1	1	1	1	3	3	3
	Power supply		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	380-415V, 50Hz	380-415V, 50Hz	380-415V, 50Hz
	Max. current	A	11,5	13,5	19	20	22,5	22,5	10	13	14
Outdoor unit	Power cable	mm ²	3 X 1.5	3 X 1.5	3 X 2.5	3 X 4.0	3 X 4.0	3 X 4.0	5 X 2.5	5 X 2.5	5 X 2.5
	Switch/Circuit breaker	A	20A / 16A	20A / 16A	32A / 20A	32A / 25A	32A / 25A	32A / 25A	32A / 25A	40A / 32A	40A / 32A
Connection IDU/ODU (W*D*H)	Electrical cable	mm ²	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5
Refrigerant gas pipe Ø	mm		1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"

38 QUS - UNDER-CEILING 42QZL



Capacity		Btu/h	12K	18K	24K	30K	36K	42K	36K T	48K T	60K T
Outdoor unit	Phase		1	1	1	1	1	1	3	3	3
	Power supply		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	380-415V, 50Hz	380-415V, 50Hz	380-415V, 50Hz
	Max. current	A	11,5	13,5	19	20	22,5	22,5	10	13	14
Outdoor unit	Power cable	mm ²	3 X 1.5	3 X 1.5	3 X 2.5	3 X 4.0	3 X 4.0	3 X 4.0	5 X 2.5	5 X 2.5	5 X 2.5
	Switch/Circuit breaker	A	20A / 16A	20A / 16A	32A / 20A	32A / 25A	32A / 25A	32A / 25A	32A / 25A	40A / 32A	40A / 32A
Connection IDU/ODU	Electrical cable	mm ²	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5	4 X 1.5
Refrigerant gas pipe Ø	mm		1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"

Circuit breaker and cable section given as a guide (Cable length and cable type being a factor to consider)
Refer to the norm NFC-15100

ELECTRICAL SAFETY MULTI-SPLIT



OUTDOOR UNIT - MULTI - R-32

Unit type		ODU MULTI 014 - *2	ODU MULTI 018 - *2
		38QUS014D8S2	38QUS018D8S2-1
Outdoor unit	Phase	1	1
	Power supply	220-240V, 50Hz	220-240V, 50Hz
	Max. current	11,5	13
	Power cable	mm ² 3 X 1.5	3 X 1.5
	Switch/Circuit breaker	A 20A / 16A	20A / 16A
Connection IDU/ODU pipe Ø	Electrical cable	mm ² 4 X 1.5	4 X 1.5

Unit type		ODU MULTI 021 - *3	ODU MULTI 027 - *3
		38QUS021D8S3	38QUS027D8S3-1
Outdoor unit	Phase	1	1
	Power supply	220-240V, 50Hz	220-240V, 50Hz
	Max. current	A 15,5	17,5
	Power cable	mm ² 3 X 2.5	3 X 2.5
	Switch/Circuit breaker	A 32A / 20A	32A / 20A
Connection IDU/ODU pipe Ø	Electrical cable	mm ² 4 X 1.5	4 X 1.5

Unit type		ODU MULTI 028 - *4	ODU MULTI 036 - *4
		38QUS028D8S4	38QUS036D8S4-1
Outdoor unit	Phase	1	1
	Power supply	220-240V, 50Hz	220-240V, 50Hz
	Max. current	A 19	21,5
	Power cable	mm ² 3 X 2.5	3 X 4.0
	Switch/Circuit breaker	A 32A / 20A	32A / 25A
Connection IDU/ODU pipe Ø	Electrical cable	mm ² 4 X 1.5	4 X 1.5

Unit type		ODU MULTI 042 - *5
		38QUS042D8S5-1
Outdoor unit	Phase	1
	Power supply	220-240V, 50Hz
	Max. current	A 22
	Power cable	mm ² 3 X 4.0
	Switch/Circuit breaker	A 32A / 25A
Connection IDU/ODU pipe Ø	Electrical cable	mm ² 4 X 1.5

Circuit breaker and cable section given as a guide (Cable length and cable type being a factor to consider)
Refer to the norm NFC-15100

Carrier Split Systems

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