



PRODUCT GUIDE 2020
AIR CONDITIONING

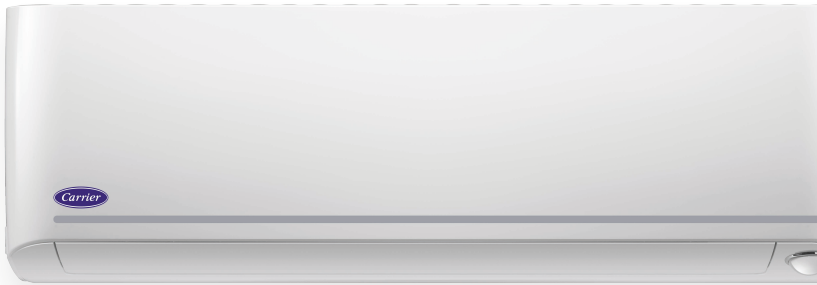


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EFFICIENCY, QUALITY AND RELIABILITY

R32 REFRIGERANT



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

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



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

EUROVENT CERTIFIED PERFORMANCE

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



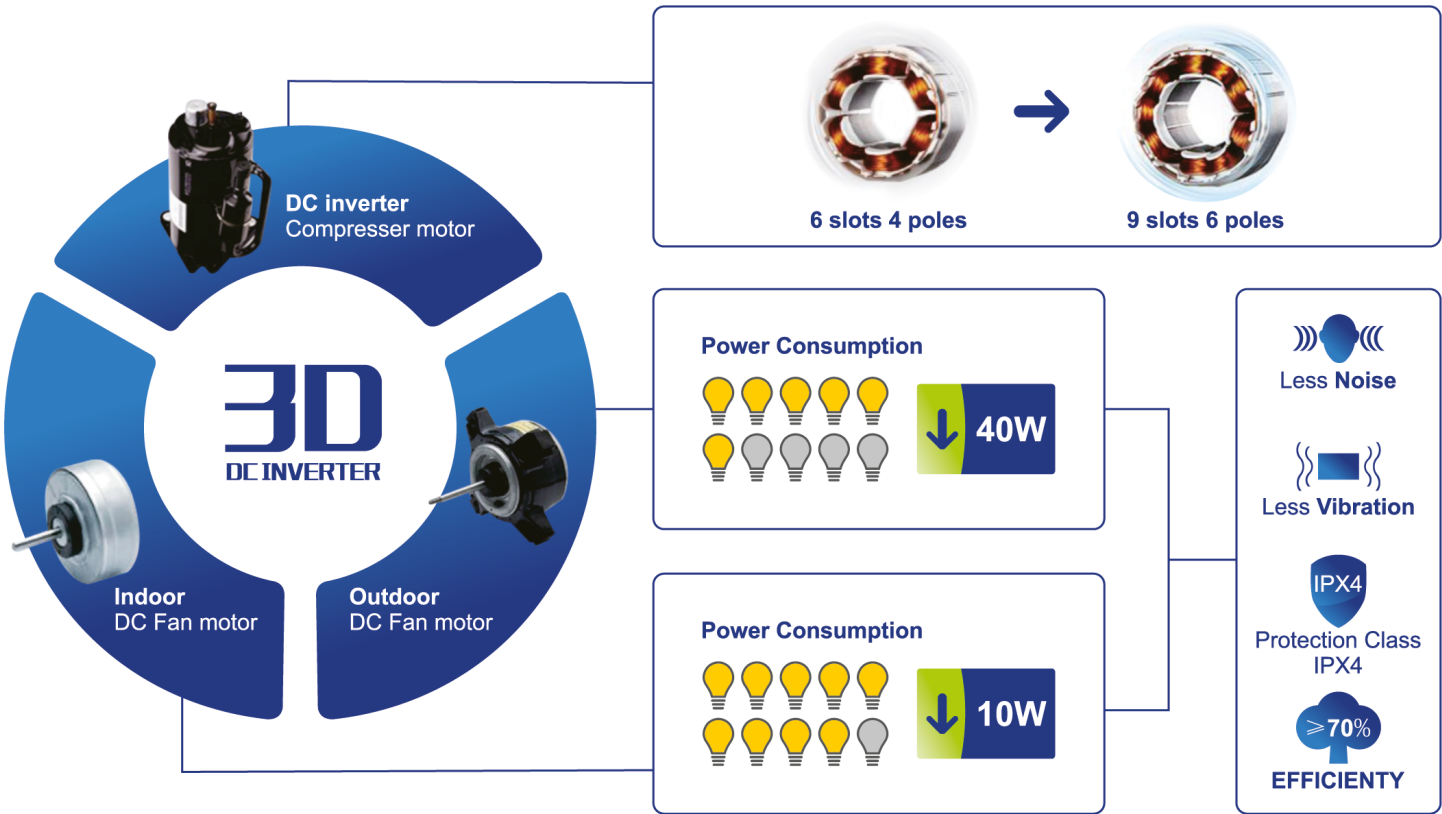
3D DC INVERTER TECHNOLOGY



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

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

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



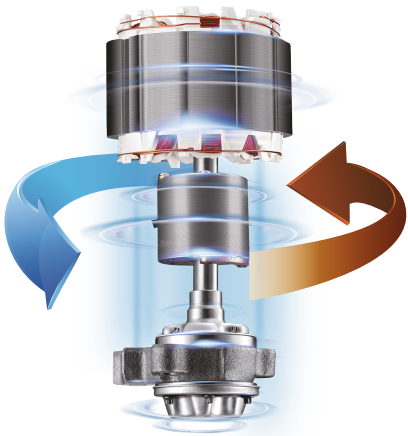
INVERTER TWIN-ROTARY DC COMPRESSOR



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

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

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



KEY TO SYMBOLS

SAVINGS



ENERGY CLASS

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



ECO MODE

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



RESTART FUNCTION

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



1W STANDBY

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



AUTO DEFROSTING

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

TECHNOLOGIES



LED DISPLAY

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



AUTO-DIAGNOSIS

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



TWO WAY DRAINING

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



LOUVER POSITION MEMORY

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



REPORTING REFRIGERANT LEAKS

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



COLD AIR PREVENTION

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



LOW AMBIENT HEATING

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



LOW AMBIENT COOLING

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



RESTART AT 8°C

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



POWERFUL DEHUMIDIFICATION

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



WEEKLY TIMER

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



24H TIMER

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

COMFORT



MUTE FUNCTION

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



AUTO SWING

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



SLEEP MODE

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



FOLLOW ME

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



ANTI-COLD AIR

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



TURBO MODE

This allows users to rapidly cool or heat the space.

WI-FI FOR THE HOME RANGE



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



and the App Store



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

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



SLEEP MODE

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



WEEKLY TIMER

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



HOME SOLUTIONS



HOME SOLUTIONS _ **MULTI SYSTEMS**

HOME SOLUTIONS _ **MONO SYSTEMS**



INFINITY 42QHP/38QHP - E8S



- **Ultra-high energy efficiency.**
- The heat exchanger with a $\phi 7$ and $\phi 5$ hybrid pipe offers better performance – an improvement of more than 10% compared with conventional heat exchangers.
- **Greater air flow:** the design of the air inlet is 110 mm wide, 25% larger than a conventional split, in order to enhance energy saving.
- **Humidity sensor:** thanks to the sensor's smart technology, it is not only possible for users to read the temperature, but they can also personalise the ambient humidity level through the app, within a range from 30% to 90%.
- **Photosensitive display:** the unit has an integrated light sensor which detects ambient light levels. When the light is turned off, the display gradually turns off, saving energy and offering a comfortable night's sleep.
- **Intelligent eye:** the unit enters energy saving mode when the user's presence is not detected for more than 30 minutes; when the user returns, the unit automatically restores the original operating conditions. Moreover, with this technology it is possible to personalise the air flow and diffusion throughout the space with maximum freedom using the I-Remote Control.



Included
RG66B



Optional
KJR-120G1



OUTDOOR UNIT		38QHP09E8S	38QHP12E8S
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 to -7 °C	kW	3.8	4.2
Heating Capacity to -10 °C	kW	3.6	4.1
Heating Capacity to -15 °C	kW	3.5	3.8
Heating Capacity to -20 °C	kW	2.9	3.1
Heating Capacity to -25 °C	kW	2.7	3.0
Theoretical Thermal Load (PdesignC)	kW	2.64	3.52
Theoretical Thermal Load (Pdesignh) warm season	kW	3.10	3.10
Theoretical Thermal Load (Pdesignh) mid-season	kW	2.40	2.40
Theoretical Thermal Load (Pdesignh) cold season	kW	3.70	3.70
Operating Range (Cooling)	°C	-25~46	-25~46
Operating Range (Heating)	°C	-25~24	-25~24
SEER/SCOP(warm season)/SCOP(mid-season)/SCOP(cold season)	W/W	9.3 / 6.2 / 5.2 / 4.2	9.0 / 6.2 / 5.2 / 4.2
Energy Efficiency Class		A+++ / A+++ / A+++ / A+	A+++ / A+++ / A+++ / A+
Indicative annual energy consumption	kWh	100 / 700 / 647 / 1266	137 / 700 / 647 / 1266
EER/COP	W/W	5.18 / 4.72	4.40 / 4.72
Power supply		220-240V~, 50/60Hz	220-240V~, 50/60Hz
Nominal current draw (Cooling)	A	3.1	3.7
Nominal power draw (Cooling)	W	510	800
Nominal current draw (Heating)	A	4.0	4.0
Nominal power draw (Heating)	W	890	890
Nominal current	A	10.0	13.0
Nominal power	W	2415	3105
Quantity of refrigerant	kg	0.87	0.87
Liquid/Gas pipes	mm (inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (1/4"/3/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	25	25
Max. drop	m	10	10
Additional refrigerant load	g/m	12	12

INDOOR UNIT		42QHP09E8S	42QHP12E8S
Nominal power	W	60	60
Max. nominal 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
Air flow (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 (LxWxH)	mm	895×248×298	895×248×298
Package (LxWxH)	mm	985×330×370	985×330×370

OUTDOOR UNIT		38QHP09E8S	38QHP12E8S
Sound power level	dB(A)	61	63
Sound pressure level	dB(A)	58	58
Air flow	m³/h	2000	2000
Weight (net/gross)	kg	36.5 / 40.0	36.5 / 40.0
Dimensions (LxWxH)	mm	800×333×554	800×333×554
Package (LxWxH)	mm	920×390×615	920×390×615

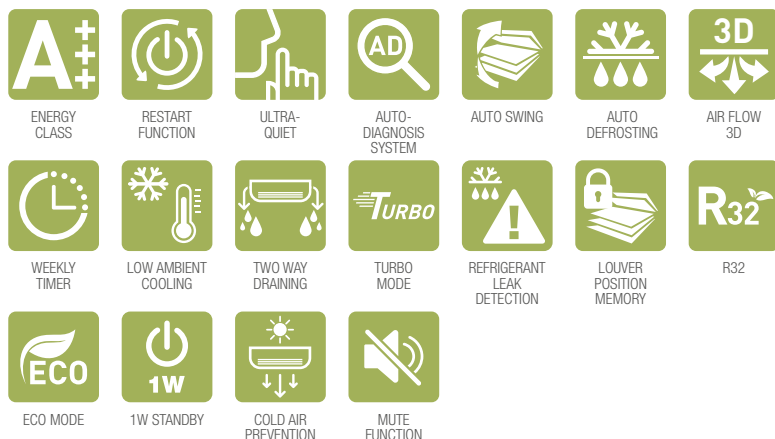


AURORA 42QHB/38QHB - E8S



Intelligent Comfort

- Super Saving Inverter
- **Mute function:** this guarantees a silent and comfortable night by deactivating the air conditioner's sound signals and display
- Interactive Display
- **Smart Inverter:** Less temperature fluctuation and shorter start-up times guarantee quicker cooling/heating and greater comfort
- **Special I-Remote Control:** this manages up to 6 favourite settings and displays error codes



Included
RG67V

Optional
KJR-120G1

OUTDOOR UNIT		38QHB09E8S	38QHB12E8S	38QHB18D8S	38QHB24D8S
Cooling Capacity	kW	2.64 (0.5~4.2)	3.52 (0.5~4.2)	5.28 (1.8~6.1)	7.04 (2.6~8.4)
Heating Capacity	kW	3.20 (0.6~4.5)	3.80 (0.6~4.5)	5.50 (1.4~6.8)	7.60 (1.5~9.4)
Heating Capacity to -7 °C	kW	4.0	4.0	3.7	6.3
Heating Capacity to -10 °C	kW	3.3	3.3	3.1	5.7
Heating Capacity to -15 °C	kW	2.6	2.6	2.7	4.9
Theoretical Thermal Load (PdesignC)	kW	2.64	3.52	5.28	7.04
Theoretical Thermal Load (Pdesignh) warm season	kW	2.70	2.70	4.30	5.80
Theoretical Thermal Load (Pdesignh) mid-season	kW	2.70	2.70	3.90	5.10
Operating Range (Cooling)	°C	-15~46	-15~46	-15~46	-15~46
Operating Range (Heating)	°C	-15~24	-15~24	-15~24	-15~24
SEER / SCOP (warm season) / SCOP (mid-season)	W/W	8.7 / 5.1 / 4.6	8.2 / 5.1 / 4.6	6.4 / 4.9 / 4.0	6.4 / 4.8 / 4.0
Energy Efficiency Class		A+++ / A+++ / A++	A++ / A+++ / A++	A++ / A++ / A+	A++ / A++ / A+
Indicative annual energy consumption	kWh	107 / 742 / 822	151 / 742 / 822	289 / 1229 / 1365	385 / 1692 / 1785
EER/COP	W/W	4.47 / 4.05	4.00 / 3.73	3.24 / 3.72	3.03 / 3.45
Power supply		220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50Hz, 1Ph	220-240V~, 50Hz, 1Ph
Nominal current draw (Cooling)	A	2.7	4.0	7.30	10.30
Nominal power draw (Cooling)	W	590	880	1630	2320
Nominal current draw (Heating)	A	5.0	4.6	6.60	9.70
Nominal power draw (Heating)	W	790	1020	1480	2200
Nominal current	A	10.0	10.0	11.5	16.0
Nominal power	W	2350	2350	2550	3600
Quantity of refrigerant	kg	0.87	0.87	1.25	1.60
Liquid/Gas pipes	mm (inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")
Standard pipe length	m	5	5	5	5
Min. pipe length	m	3	3	3	3
Max. pipe length	m	25	25	30	40
Max. drop	m	10	10	20	20
Additional refrigerant load	g/m	12	12	12	24

INDOOR UNIT		42QHB09E8S	42QHB12E8S	42QHB18D8S	42QHB24D8S
Nominal power	W	50	50	36	60
Max. nominal current	A	0.5	0.5	0.5	0.7
Sound power level	dB(A)	56	57	60	63
Sound pressure level (high/med/low/silence)	dB(A)	40/37/31/24	41/38/32/24	42/33/27/21	46/40/30/26
Air flow (high/med/low/silence)	m³/h	500/440/320/260	530/470/350/260	750/510/420/330	1050/750/560/450
Weight (net/gross)	kg	8.5 / 11.0	8.5 / 11.0	10.8 / 14.1	12.9 / 16.5
Dimensions (LxWxH)	mm	802×189×297	802×189×297	965×215×319	1080×226×335
Package (LxWxH)	mm	875×285×375	875×285×375	1045×305×410	1155×320×415

OUTDOOR UNIT		38QHB09E8S	38QHB12E8S	38QHB18D8S	38QHB24D8S
Sound power level	dB(A)	64	65	65	68
Sound pressure level	dB(A)	58	58	57	59
Air flow	m³/h	2100	2100	2100	2700
Weight (net/gross)	kg	36.5 / 40.0	36.5 / 40.0	37.0 / 40.0	50.0 / 53.5
Dimensions (LxWxH)	mm	800×333×554	800×333×554	800×333×554	845×363×702
Package (LxWxH)	mm	920×390×615	920×390×615	920×390×625	965×395×775



CLEVER HIGH COP 42QHG/38QHG - D8SH



Intelligent Comfort

- Super Saving Inverter
- **Mute function:** this guarantees a silent and comfortable night by deactivating the air conditioner's sound signals and display
- Interactive Display
- **Smart Inverter:** Less temperature fluctuation and shorter start-up times guarantee quicker cooling/heating and greater comfort
- **Special I-Remote Control:** this manages up to 6 favourite settings and displays error codes



Included
RG67G



Optional
KJR-120G2



Optional
KJR-120X
KJR-120X2



OUTDOOR UNIT		38QHG009D8SH	38QHG009D8SH
Cool 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)
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
Temp range cooling	°C	-15~50	-15~50
Temp 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 / 3.93
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
Compressor model		KSN98D22UFZ	KSN98D22UFZ
Refrigerant oil/oil quantity	ml	ESTER OIL RB74AF 370	ESTER OIL RB74AF 370
Liquid side/Gas side	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (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
Additional refrigerant load	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
Air flow (Min. ~ Max.)	m³/h	160~510	170~520
Weight (Net/Gross)	kg	8.7/11.5	8.7/11.3
Dimensions (WxDxH)	mm	835x208x295	835x208x295
Packing (WxDxH)	mm	905x290x355	905x290x355

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 (WxDxH)	mm	765x303x555	765x303x555
Packing (WxDxH)	mm	887x337x610	887x337x610

Note * Sound data @ cooling mode. * -7°C/-15°C/-20°C heating @ free frequency.

Due to our policy of continuous product improvement, the features and data reported above may be subject to change without prior notice. The images of products and accessories are indicative.



GREENLIGHT PLUS 42QHC/38QHC-D8S



Energy saving

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



Included
RG67V



Optional
KJR-120G1



OUTDOOR UNIT		38QHC009D8S	38QHC012D8S	38QHC018D8S	38QHC024D8S
Cooling Capacity	kW	2.70 (1.1-3.6)	3.23 (1.1-3.9)	5.28 (2.3-5.7)	6.50 (2.8-8.1)
Heating Capacity	kW	3.00 (1.0-3.9)	3.50 (1.0-4.2)	5.50 (2.2-5.8)	6.80 (2.8-9.2)
Heating Capacity to -7 °C	kW	2.9	3.0	3.8	6.3
Heating Capacity to -15 °C	kW	2.5	2.6	3.2	5.8
Heating Capacity to -20 °C	kW	2.0	2.0	2.8	5.0
Theoretical Thermal Load (PdesignC)	kW	2.70	3.23	5.28	6.50
Theoretical Thermal Load (Pdesignh) warm season	kW	3.00	3.50	5.40	6.40
Theoretical Thermal Load (Pdesignh) mid-season	kW	2.50	3.00	4.10	5.20
Operating Range (Cooling)	°C	-15~46	-15~46	-15~46	-15~46
Operating Range (Heating)	°C	-15~24	-15~24	-15~24	-15~24
SEER / SCOP (warm season) / SCOP (mid-season)	W/W	7.2 / 5.1 / 4.0	7.0 / 5.1 / 4.0	7.2 / 5.1 / 4.0	6.9 / 5.1 / 4.0
Energy Efficiency Class		A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+
Indicative annual energy consumption	kWh	131 / 824 / 875	162 / 961 / 1050	257 / 1483 / 1435	330 / 1757 / 1820
EER/COP	W/W	3.46 / 3.75	3.23 / 3.72	3.34 / 3.74	3.25 / 3.72
Power supply		220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz
Nominal current draw (Cooling)	A	5.1	4.5	7.0	9.0
Nominal power draw (Cooling)	W	780	1000	1580	2000
Nominal current draw (Heating)	A	3.6	4.2	6.6	8.3
Nominal power draw (Heating)	W	800	940	1470	1830
Nominal current	A	10.0	10.0	12.0	18.0
Nominal power	W	2200	2200	2650	3950
Quantity of refrigerant	kg	0.70	0.80	1.25	1.60
Liquid/Gas pipes	mm (inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")
Standard pipe length	m	5	5	5	5
Min. pipe length	m	3	3	3	3
Max. pipe length	m	25	25	30	40
Max. drop	m	10	10	20	20
Additional refrigerant load	g/m	12	12	12	24

INDOOR UNIT		42QHC009D8S-1	42QHC012D8S	42QHC018D8S	42QHC024D8S-1
Nominal power	W	22	22	36	60
Max. nominal current	A	0.5	0.5	0.5	0.7
Sound power level	dB(A)	53	54	57	63
Sound pressure level (high/med/low/silence)	dB(A)	39/35/31/22	40/35/31/22	43/39/35/24	48/44/39/29
Air flow (high/med/low/silence)	m³/h	440/360/280/150	510/420/330/170	750/630/510/330	1100/920/750/450
Weight (net/gross)	kg	7.5 / 10.0	8.5 / 12.0	11.0 / 16.0	13.5 / 18.5
Dimensions (LxWxH)	mm	730×192×291	812×192×300	973×218×319	1082×225×338
Package (LxWxH)	mm	800×275×375	880×275×385	1055×305×405	1165×315×420

OUTDOOR UNIT		38QHC009D8S	38QHC012D8S	38QHC018D8S	38QHC024D8S
Sound power level	dB(A)	63	64	65	69
Sound pressure level	dB(A)	54	54	55	58
Air flow	m³/h	1900	1900	2100	2700
Weight (net/gross)	kg	27.0 / 29.5	27.0 / 29.5	38.0 / 41.0	52.5 / 56.0
Dimensions (LxWxH)	mm	770×300×555	770×300×555	800×333×554	845×363×702
Package (LxWxH)	mm	900×348×615	900×348×615	920×390×615	965×395×765



CLEVER BASIC 42QHG/38QHG - D8S



Intelligent Comfort

- Super Saving Inverter
- **Mute function:** this guarantees a silent and comfortable night by deactivating the air conditioner's sound signals and display
- Interactive Display
- **Smart Inverter:** Less temperature fluctuation and shorter start-up times guarantee quicker cooling/heating and greater comfort
- **Special I-Remote Control:** this manages up to 6 favourite settings and displays error codes



Included
RG67G



Optional
KJR-120G2



Optional
KJR-120X
KJR-120X2



OUTDOOR UNIT		38QHG009D8S	38QHG012D8S	38QHG018D8S	38QHG022D8S	38QHG024D8S
Cool 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)
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
Temp range cooling	°C	-15~50	-15~50	-15~50	-15~50	-15~50
Temp 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 / 3.85	3.23 / 3.71	3.40 / 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	10,90	10,90
Standard input (cooling)	W	765	1130	1550	2500	2500
Standard current (heating)	A	3,40	4,60	6,30	9,60	9,60
Standard input (heating)	W	760	1050	1430	2200	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
Compressor model		KSK103D33UEZ3	KSK103D33UEZ3	KSN140D21UFZ	KTM240D57UMT	KTM240D57UMT
Refrigerant oil/oil quantity	ml	ESTER OIL VG74 280±5	ESTER OIL VG74 280±5	ESTER OIL VG74 440±15	ESTER OIL VG74 670±15	ESTER OIL VG74 670±15
Liquid side/Gas side	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ15.9 (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	30	30
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
Air flow (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 x 17.3	13.6 x 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.

Due to our policy of continuous product improvement, the features and data reported above may be subject to change without prior notice. The images of products and accessories are indicative.



CONSOLE 42QZA/38QUS-D8S



Energy saving

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



OUTDOOR UNIT		38QUS012D8S	38QUS018D8S
Cooling Capacity	kW	3.52 (1.50~5.00)	4.80 (2.64~4.98)
Heating Capacity	kW	4.50(1.00~5.60)	5.00 (2.20~5.74)
Heating Capacity to -7 °C	kW	4,10	4,10
Heating Capacity to -15 °C	kW	3,50	3,30
Heating Capacity to -20 °C	kW		
Theoretical Thermal Load (PdesignC)	kW	3,52	4,80
Theoretical Thermal Load (Pdesignh) warm season	kW	3,50	4,50
Theoretical Thermal Load (Pdesignh) mid-season	kW	3,50	4,00
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
SEER / SCOP (warm season) / SCOP (mid-season)	W/W	7.7/4.3/5.1	6.1/4.0/4.6
Energy Efficiency Class		A++/A+/A+++	A++/A+/A++
Indicative annual energy consumption	kWh	160/1140/961	275/1400/1370
EER/COP	W/W	3.87/3.72	3.12/3.50
Power supply		220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph
Nominal current draw (Cooling)	A	4,10	6,5
Nominal power draw (Cooling)	W	910	1540
Nominal current draw (Heating)	A	5,40	6,0
Nominal power draw (Heating)	W	1210	1430
Nominal current	A	10,0	13,50
Nominal power	W	2350	2950
Quantity of refrigerant	kg	0.87/0.588	1.15
Liquid/Gas pipes	mm (inch)	6.35mm (1/4inch) / 9.52mm (3/8inch)	6.35mm (1/4inch) / 12.70mm (1/2inch)
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	25	30
Max. drop	m	10	20
Additional refrigerant load	g/m	12	12

INDOOR UNIT		42QZA012D8S	42QZA018D8S
Nominal power	W	67	67
Max. nominal current	A	0,60	0,60
Sound power level	dB(A)	55	60
Sound pressure level (high/med/low/silence)	dB(A)	43/41/35	42.5/39/35
Air flow (high/med/low/silence)	m³/h	530/480/360	560/480/400
Weight (net/gross)	kg	15.0/19.5	14.8/19.1
Dimensions (LxWxH)	mm	700x210x600	700x210x600
Package (LxWxH)	mm	810x310x710	810x310x710

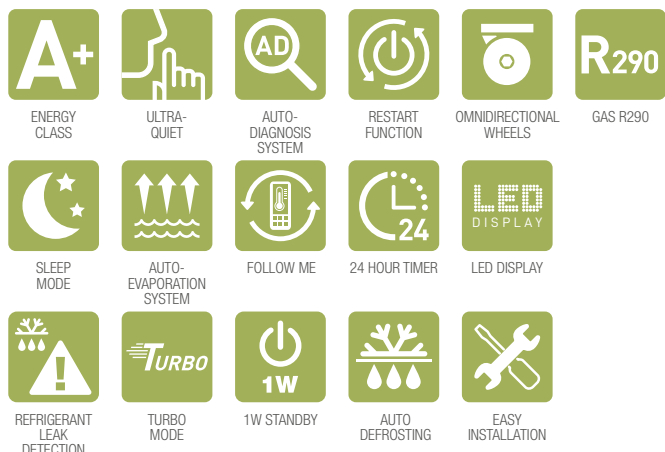
OUTDOOR UNIT		38QUS012D8S	38QUS018D8S
Sound power level	dB(A)	63	64
Sound pressure level	dB(A)	56	57
Air flow	m³/h	2000	2000
Weight (net/gross)	kg	34.7/37.5	33.7/36.6
Dimensions (LxWxH)	mm	800×333×554	800×333×554
Package (LxWxH)	mm	920×390×625	920×390×625



PORTABLE KPD-QPD



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



UNIT			51KPD10N7S	51QPD12N7S
Power supply			V-Ph-Hz	220-240V,1Ph,50Hz
Cooling	Capacity	BTU/h	10000	12000
	Capacity	kW	2.9	3.5
	Nominal power draw	W	945	1350
	Nominal current draw	A	4.5	5.9
	EER	W/W	3.1	2.6
	Energy Efficiency Class		A+	A
Heating	Capacity	BTU/h		10000
	Capacity	kW		2.9
	Nominal power draw	W		1045
	Nominal current draw	A		5.0
	COP	W/W		2.8
	Energy Efficiency Class			A+
Dehumidifying capacity			L/h	3.01
Maximum power draw			W	1150
Maximum current draw			A	6.0
Energy consumption on activation			A	20
Air flow (Hi)			m ³ /h	420 / 370 / 350
Sound pressure level (Hi/Med/Lo)			dB(A)	52 / 51 / 50
Sound power level (Hi)			dB(A)	62
Energy consumption in thermostat mode turned off			W	1
Energy consumption in standby mode			W	0.5
Refrigerant	Type		R290	R290
	GWP		3	3
	Additional refrigerant load	kg	0.20	0.23
	CO ₂ quantity	kg	0.60	0.69
Test pressure			MPa	2.6 / 1.0
Type of plug				1.5x3/VDE
Type of Control				Remote Control
Indoor temperature			°C	17-35 /
Space Area			m ²	13-20
Dimensions (LxWxH)			mm	467×397×765
Package (LxWxH)			mm	515×440×890
Weight (net/gross)			Kg	31.8 / 35.7



DEHUMIDIFIERS

CDN-CDF-CDP



CDN series

- Linear, compact and ultra-quiet design
- Versatile, light and equipped with a transport handle
- Visible water level and loading tank protection
- **Auto-defrosting:** the unit maintains dehumidification in the space, even at low temperatures



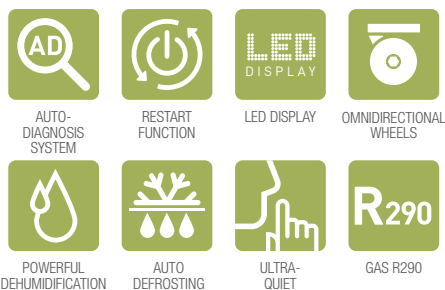
CDF series

- Linear, compact and ultra-quiet design, just 39 dBA
- Equipped with an alternative compressor that significantly reduces vibrations and noise
- **Smart Dehumidification:** the unit automatically controls humidity based on the ambient temperature and stops bacteria reproducing



CDP series

- Original and compact design with a flat panel
- **On/OFF Timer:** allows users to programme the unit to turn on and off at any time
- **Smart Dehumidification:** the unit automatically controls humidity based on the ambient temperature and stops bacteria reproducing.
- **Auto-defrosting:** the unit maintains dehumidification in the space, even at low temperatures, down to -20°C



UNIT			CDN-10Q7	CDN-12Q7	CDF-20Q7	CDP-30Q7
Power supply		V-Hz-Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph
Performance	Dehumidifying capacity (30°C/80%)	L/day	10	12	20	30
	Nominal power (30°C/80%)	W	230	250	360	550
	Nominal current (30°C/80%)	A	1.40	1.50	2.10	2.90
	EEV	L/kWh	1.80	2.00	2.30	2.20
Start-up current		A	5.5	5.5	10.0	11.0
Type of plug			0.75x3/VDE	0.75x3/VDE	0.75x3/VDE	0.75x3/VDE
Type of control			Electronic Control	Electronic Control	Electronic Control	Electronic Control
Unit system	Type of refrigerant	kg	R290/0.045	R290/0.05	R290/0.075	R290/0.1
	Test pressure	MPa	2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0
	Water storage tank	L	2.1	2.1	3	3
	Air flow (Hi/Med/Lo)	m³/h	107/-/-	118/-/-	168/125/99	191/-/166
	Sound power level (Hi/Med/Lo)	dB(A)	44.5/-/-	45.5/-/-	46/43/41	50/-/48.5
Environment applications	Manual humidity range	U%	35%-85%	35%-85%	35% 85%	35% 85%
	Ambient temperature	°C	5~32	5~32	5~32	5~32
	Space area	m²	16-31	20-35	37-52	58-73
Dimensions (LxWxH)		mm	320×215×420	320×215×420	350×245×510	386×260×500
Package (LxWxH)		mm	360×253×440	360×253×440	385×300×530	420×297×532
Weight (net/gross)		kg	11.0/12.0	11.5/12.5	15.0/16.0	17.0/18.0



Carrier's Free Match products allow users to connect up to 5 indoor units to one single outdoor unit. The indoor units can be of varying types, including wall-mounted GreenLight Plus and Aurora, cassette, ductable, ceiling/floor and console units, to be adapted to the design of every space in your home.

MULTI SYSTEMS 38QUS-D8S



14Kbtu - 27Kbtu

28Kbtu - 42Kbtu

ENERGY
CLASSDC
COMPRESSOR3D INVERTER
TECHNOLOGYULTRA-
QUIETAUTO-
DIAGNOSIS
SYSTEM

ANTI-COLD AIR

EASY
INSTALLATIONRESTART
FUNCTION

R32

OUTDOOR UNIT		38QUS014D8S2	38QUS018D8S2-1	38QUS021D8S3	38QUS027D8S3-1
Nominal Configuration					
Power supply	V-Hz-ph	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 (2.23~5.57)	6.10 (1.95~6.83)	7.90 (2.89~8.50)
Heating Capacity	kW	4.40 (1.50~4.91)	5.57 (2.34~5.63)	6.59 (1.45~6.86)	8.20 (1.99~8.50)
Theoretical Thermal Load (PdesignC)	kW	4.10	5.28	6.10	7.90
Theoretical Thermal Load (Pdesignh) mid-season	kW	3.70	4.30	5.40	5.70
SEER/SCOP (mid-season)	W/W	6.8 / 4.0	6.1 / 4.0	6.5 / 4.0	6.1 / 4.0
Energy Efficiency Class		A++ / A+	A++ / A+	A++ / A+	A++ / A+
Indicative annual energy consumption	kWh	211 / 1295	303 / 1505	329 / 1890	454 / 1995
EER/COP	W/W	3.23 / 3.67	3.24 / 3.71	3.21 / 3.72	3.22 / 3.73
Nominal current draw (Cooling)	A	5.8	7.3	8.6	11.0
Nominal power draw (Cooling)	W	1270	1630	1900	2450
Nominal current draw (Heating)	A	5.4	6.7	8.1	9.9
Nominal power draw (Heating)	W	1200	1500	1770	2200
Nominal current	A	11.5	13.0	15.5	17.5
Nominal power	W	2650	2850	3300	3600
Air flow	m³/h	2200	2200	2700	2700
Sound pressure level	dB(A)	56	56	58	60
Sound power level	dB(A)	65	65	66	68
Dimensions (L×W×H)	mm	800×333×554	800×333×554	845×363×702	845×363×702
Package (L×W×H)	mm	920×390×625	920×390×625	965×395×775	965×395×775
Weight (net/gross)	kg	32.0 / 35.0	35.5 / 38.5	47.0 / 51.0	51.0 / 56.0
GWP		675	675	675	675
Quantity of refrigerant (R32)	kg	1.10	1.25	1.40	1.72
Test pressure	MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Liquid/Gas pipes	mm (inch)	2 × [Φ6.35/ Φ9.52 (1/4" / 3/8")]	2 × [Φ6.35/ Φ9.52 (1/4" / 3/8")]	3 × [Φ6.35/ Φ9.52 (1/4" / 3/8")]	3 × [Φ6.35/ Φ9.52 (1/4" / 3/8")]
Test pressure	MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Pipe length	m	7.5*2	7.5*2	7.5*3	7.5*3
Additional load	g/m	12	12	12	12
Max. total length of pipes	m	40	40	60	60
Max. single branch length	m	25	25	25	30
Max. drop between IU and OU.	m	15	15	15	15
Max. drop between IUs.	m	10	10	10	10
Min./max. operating limits in cooling mode	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
Min./max. operating limits in heating mode	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24

MULTI COMBINATIONS > MULTIPLE POSSIBILITIES



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

HOME SOLUTIONS MULTI SYSTEMS



ENERGY
CLASS



DC
COMPRESSOR



3D INVERTER
TECHNOLOGY



ULTRA-
QUIET



AUTO-
DIAGNOSIS
SYSTEM



ANTI-COLD AIR



EASY
INSTALLATION



RESTART
FUNCTION



R32

OUTDOOR UNIT		38QUS028D8S4	38QUS036D8S4	38QUS042D8S5
Nominal Configuration				
Power supply	V-Hz-ph	220-240V~, 50Hz, 1Ph	220-240V~, 50Hz, 1Ph	220-240V~, 50Hz, 1Ph
Cooling Capacity	kW	8.20 (2.51~10.43)	10.20 (2.05~10.55)	12.00 (2.05~12.31)
Heating Capacity	kW	8.79 (1.61~10.14)	11.00 (2.34~11.14)	12.00 (2.34~12.31)
Theoretical Thermal Load (PdesignC)	kW	8.20	10.20	12.00
Theoretical Thermal Load (Pdesignh) mid-season	kW	6.50	8.80	9.20
SEER/SCOP (mid-season)	W/W	7.0 / 4.0	6.5 / 3.8	6.8 / 3.8
Energy Efficiency Class		A++ / A+	A++ / A	A++ / A
Indicative annual energy consumption	kWh	410 / 2275	550 / 3242	618 / 3390
EER/COP	W/W	3.23 / 3.66	2.82 / 3.55	3.08 / 3.66
Nominal current draw (Cooling)	A	11.4	16.0	17.2
Nominal power draw (Cooling)	W	2540	3620	3890
Nominal current draw (Heating)	A	10.8	13.7	14.6
Nominal power draw (Heating)	W	2400	3100	3280
Nominal current	A	19.0	21.5	22.0
Nominal power	W	4150	4600	4700
Air flow	m³/h	3800	4000	3850
Sound pressure level	dB(A)	63	64	64
Sound power level	dB(A)	70	72	72
Dimensions (L×W×H)	mm	946×410×810	946×410×810	946×410×810
Package (L×W×H)	mm	1090×500×885	1090×500×885	1090×500×885
Weight (net/gross)	kg	62.0 / 67.5	69.0 / 75.5	73.5 / 80.5
GWP		675	675	675
Quantity of refrigerant (R32)	kg	2.10	2.10	2.40
Test pressure	MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Liquid/Gas pipes	mm (inch)	3 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")] + 1 × [Φ6.35/ Φ12.7 (1/4"/ 1/2")]	3 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")] + 1 × [Φ6.35/ Φ12.7 (1/4"/ 1/2")]	4 × [Φ6.35/ Φ9.52 (1/4"/ 3/8")] + 1 × [Φ6.35/ Φ12.7 (1/4"/ 1/2")]
Test pressure	MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Pipe length	m	7.5*4	7.5*4	7.5*5
Additional load	g/m	12	12	12
Max. total length of pipes	m	80	80	80
Max. single branch length	m	30	35	35
Max. drop between IU and OU.	m	15	15	15
Max. drop between IUs.	m	10	10	10
Min./max. operating limits in cooling mode	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50
Min./max. operating limits in heating mode	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24

MULTI SYSTEM **TECHNOLOGY**

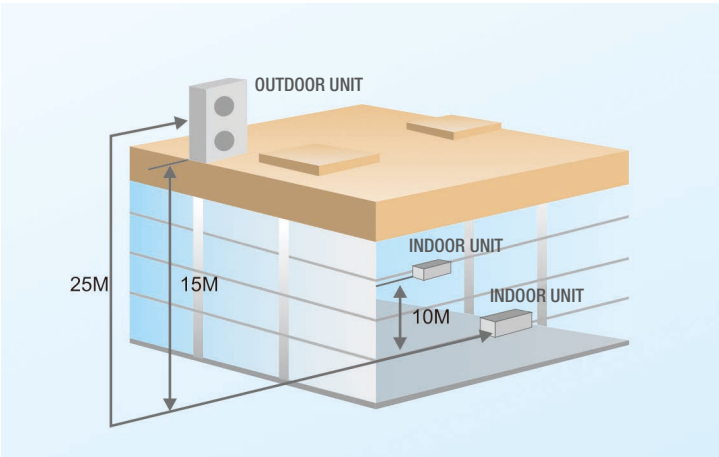
ONE HOUSE, ONE OUTDOOR UNIT

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



EASY INSTALLATION AND MAINTENANCE

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



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

INDOOR UNITS



AURORA		42QHB09E8S	42QHB12E8S	42QHB18D8S	42QHB24D8S
Power supply	V-ph-Hz	220~240V - 1Ph - 50Hz			
Cooling capacity	kW	2.64	3.52	5.28	7.04
Heating capacity	kW	3.2	3.8	5.28	7.04
Nominal power draw	W	50	50	36	60
Max. nominal current draw	A	0.5	0.5	0.5	0.7
Sound power level	dB(A)	56	57	60	63
Sound pressure level (high/med/low)	dB(A)	40/37/31/24	41/38/32/24	42/33/27/21	46/40/30/26
Air flow (high/med/low)	m³/h	500/440/320/260	530/470/350/260	750/510/420/330	1050/750/560/450
Weight (Net/Gross)	kg	8.5 / 11.0	8.5 / 11.0	10.8 / 14.1	12.9 / 16.5
Dimensions (LxWxH)	mm	802×189×297	802×189×297	965×215×319	1080×226×335
Package (LxWxH)	mm	875×285×375	875×285×375	1045×305×410	1155×320×415
Liquid/Gas pipes	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")



CLEVER		42QHG007D8S(New)	42QHG009D8S(New)	42QHG012D8S(New)	42QHG018D8S(New)	42QHG024D8S(New)
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
Air flow (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	726×210×291	726×210×291	835×208×295	969×241×320	1083×244×336
Packing (WxDxH)	mm	790×270×375	790×270×375	905×290×355	1045×315×405	1155×315×415
Refrigerant piping (Liquid side/Gas side)	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")

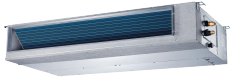


GREENLIGHT PLUS		42QHC007D8S-1	42QHC009D8S-1	42QHC012D8S	42QHC018D8S	42QHC024D8S-1
Power supply	V-ph-Hz	220~240V - 1Ph - 50Hz				
Cooling capacity	kW	2.05	2.64	3.52	5.28	7.04
Heating capacity	kW	2.05	2.64	3.52	5.28	7.04
Nominal power draw	W	22	22	22	36	60
Max. nominal current draw	A	0.5	0.5	0.5	0.5	0.7
Sound power level	dB(A)	53	53	54	57	63
Sound pressure level (high/med/low)	dB(A)	39/35/31/22	39/35/31/22	40/35/31/22	43/39/35/24	48/44/39/29
Air flow (high/med/low)	m³/h	440/360/280/150	440/360/280/150	510/420/330/170	750/630/510/330	1100/920/750/450
Weight (Net/Gross)	kg	7.5 / 10.0	7.5 / 10.0	8.5 / 12.0	11.0 / 16.0	13.5 / 18.5
Dimensions (LxWxH)	mm	730×192×291	730×192×291	812×192×300	973×218×319	1082×225×338
Package (LxWxH)	mm	800×275×375	800×275×375	880×275×385	1055×405×305	1165×420×315
Liquid/Gas pipes	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8") Φ6.35/Φ9.52 (1/4"/3/8") Φ6.35/Φ9.52 (1/4"/3/8") Φ6.35/Φ12.7 (1/4"/1/2") Φ9.52/Φ15.9 (3/8"/5/8")				



4-WAY CASSETTE		42QTD009D8S	42QTD012D8S	42QTD018D8S-1
Power supply	V-ph-Hz	220~240V - 1Ph - 50Hz		
Cooling Capacity	kW	2.64	3.52	5.28
Heating Capacity	kW	2.64	3.52	5.28
Nominal power draw	W	45	45	45
Max. nominal current draw	A	0.40	0.40	0.40
Sound power level	dB(A)	58	59	60
Sound pressure level (high/med/low)	dB(A)	42/39/36	42/39/36	45/42/36
Air flow (high/med/low)	m³/h	560/430/390	560/430/390	680/550/400
Unit Weight (Net/Gross)	kg	15.0/18.0	16.5/19.5	16.5/19.5
Panel Weight (Net/Gross)	kg	2.5/4.5	2.5/4.5	2.5/4.5
Unit Dimensions (LxWxH)	mm	570×570×260	570×570×260	570×570×260
Unit Package (LxWxH)	mm	662×662×317	662×662×317	662×662×317
Panel Dimensions (LxWxH)	mm	647×647×50	647×647×50	647×647×50
Panel Package (LxWxH)	mm	715×715×123	715×715×123	715×715×123
Liquid/Gas pipes	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8") Φ6.35/Φ9.52(1/4"/3/8") Φ6.35/Φ12.7(1/4"/1/2")		

INDOOR UNITS



DUCTABLE		42QSS009D8S-1	42QSS012D8S	42QSS018D8S
Power supply	V-ph-Hz	220~240V - 1Ph - 50Hz		
Cooling Capacity	kW	2.64	3.52	5.28
Heating Capacity	kW	2.64	3.52	5.28
Nominal power draw	W	130	130	90
Max. nominal current draw	A	1.11	1.11	1.20
Sound power level	dB(A)	60	60	61
Sound pressure level (high/med/low)	dB(A)	42/36/30	42/36/30	45/38/33
Air flow (high/med/low)	m ³ /h	580/480/300	580/480/300	880/650/350
Weight (Net/Gross)	kg	18.0 / 22.0	18.0 / 22.0	24.5/29.5
Dimensions (LxWxH)	mm	700×450×200	700×450×200	880×674×210
Package (LxWxH)	mm	860×540×285	860×540×285	1070×725×280
Liquid/Gas pipes	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")



CEILING/FLOOR		42QZL018D8S-1
Power supply	V-ph-Hz	220~240V - 1Ph - 50Hz
Cooling Capacity	kW	5.28
Heating Capacity	kW	5.28
Nominal power draw	W	96
Max. nominal current draw	A	0.94
Sound power level	dB(A)	61
Sound pressure level (high/med/low)	dB(A)	44/42/36
Air flow (high/med/low)	m ³ /h	880/760/650
Weight (Net/Gross)	kg	28.0/33.5
Dimensions (LxWxH)	mm	1068×675×235
Package (LxWxH)	mm	1145×755×318
Liquid/Gas pipes	mm(inch)	Φ6.35/Φ12.7 (1/4"/1/2")



CONSOLE		42QZA012D8S	42QZA018D8S
Power supply	V-ph-Hz	220~240V - 1Ph - 50Hz	
Cooling Capacity	kW	3.52	5,28
Heating Capacity	kW	3.52	5,28
Nominal power draw	W	67	67
Max. nominal current draw	A	0.60	0.60
Sound power level	dB(A)	60	60
Sound pressure level (high/med/low)	dB(A)	43/41/35	42,5/39/35
Air flow (high/med/low)	m ³ /h	530/480/360	560/480/400
Weight (Net/Gross)	kg	15.0/19.5	14,8/19,1
Dimensions (LxWxH)	mm	700×600×210	700×600×210
Package (LxWxH)	mm	810×710×310	810×710×310
Liquid/Gas pipes	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")

R32 MULTI INDOOR UNITS

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

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

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

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

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

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

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

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

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

COMPATIBILITY TABLES

R32 AURORA MULTI INDOOR UNITS

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

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

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

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

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

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



9+18	12+12

9+18	12+12	12+18
9+9+9	9+9+12	9+12+12

9+12	9+18	9+24	12+12	12+18	12+24	18+18
7+9+18	7+12+12	9+9+9	9+9+12	9+12+12	12+12+12	

9+12	9+18	9+24	12+12	12+18	12+24	18+18
7+9+12	7+9+18	7+9+24	7+12+12	7+12+18	7+12+24	
9+12+18	9+12+24	9+18+18	12+12+12	12+12+18		
7+7+12+12	7+9+9+9	7+9+9+12				
9+12+12+12						

9+12	9+18	9+24	12+12	12+18	12+24	18+18
7+9+12	7+9+18	7+9+24	7+12+12	7+12+18	7+12+24	7+18+18
9+12+24	9+18+18	12+12+12	12+12+18	12+12+24	12+18+18	
7+7+9+12	7+7+9+18	7+7+9+24	7+7+12+12	7+7+12+18	7+7+12+24	
7+9+12+18	7+9+12+24	7+9+18+18	7+12+12+12	7+12+12+18		
9+9+12+24	9+12+12+12	9+12+12+18	12+12+12+12	12+12+12+18		
7+7+7+9+18	7+7+9+9+9	7+7+9+9+12	7+7+9+9+18	7+7+12+12+12		
9+9+9+9+12	9+9+9+12+12	9+9+12+12+12				

CONFIGURATION TABLES

MULTI OUTDOOR UNIT 14Kbtu / 18Kbtu R32

COOLING												
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)		NOMINAL INDIVIDUAL CAPACITY (kW)		TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT A	UNIT B	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	2.00	—	1.23	2.00	2.90	0.30	0.62	0.77	3.23
	9	9	—	2.50	—	1.23	2.50	3.20	0.30	0.77	0.97	3.23
	12	12	—	3.50	—	1.23	3.50	3.90	0.30	1.08	1.30	3.23
	18	18	—	4.10	—	1.35	4.10	4.50	0.40	1.27	1.46	3.23
1:2	7+7	7	7	2.05	2.05	1.76	4.10	4.54	0.43	1.27	1.46	3.23
	7+9	7	9	1.79	2.31	1.76	4.10	4.54	0.43	1.27	1.46	3.23
	7+12	7	12	1.51	2.59	1.76	4.10	4.54	0.43	1.27	1.46	3.24
	9+9	9	9	2.05	2.05	1.76	4.10	4.54	0.43	1.27	1.46	3.24

HEATING												
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)		NOMINAL INDIVIDUAL CAPACITY (kW)		TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			COP (W/W)
		UNIT A	UNIT B	UNIT A	UNIT B	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	2.45	—	1.41	2.50	2.82	0.28	0.67	0.83	3.75
	9	9	—	2.92	—	1.41	2.90	3.36	0.28	0.78	0.97	3.73
	12	12	—	3.75	—	1.41	3.80	4.31	0.28	1.02	1.23	3.72
	18	18	—	4.70	—	1.55	4.70	5.20	0.38	1.27	1.32	3.71
1:2	7+7	7	7	2.35	2.35	2.02	4.70	5.20	0.39	1.15	1.32	4.10
	7+9	7	9	2.06	2.64	2.02	4.70	5.20	0.39	1.15	1.32	4.10
	7+12	7	12	1.75	3.00	2.02	4.75	5.26	0.39	1.19	1.32	4.00
	9+9	9	9	2.38	2.38	2.02	4.75	5.26	0.39	1.19	1.32	4.00

COOLING												
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)		NOMINAL INDIVIDUAL CAPACITY (kW)		TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT A	UNIT B	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	2.00	—	1.40	2.00	2.90	0.35	0.62	0.77	3.24
	9	9	—	2.50	—	1.40	2.50	3.20	0.35	0.77	0.96	3.24
	12	12	—	3.50	—	1.40	3.50	3.90	0.35	1.07	1.29	3.26
	18	18	—	5.00	—	1.61	5.00	5.41	0.45	1.55	2.01	3.23
1:2	7+7	7	7	2.10	2.10	2.08	4.20	5.51	0.53	1.05	2.17	4.00
	7+9	7	9	2.06	2.64	2.08	4.70	5.72	0.53	1.24	2.17	3.80
	7+12	7	12	1.95	3.35	2.08	5.30	6.29	0.53	1.64	2.17	3.23
	9+9	9	9	2.60	2.60	2.08	5.20	6.29	0.53	1.61	2.17	3.23
	9+12	9	12	2.31	3.09	2.08	5.40	6.29	0.53	1.67	2.17	3.23

HEATING												
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)		NOMINAL INDIVIDUAL CAPACITY (kW)		TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			COP (W/W)
		UNIT A	UNIT B	UNIT A	UNIT B	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	2.50	—	1.54	2.50	3.03	0.32	0.67	0.84	3.73
	9	9	—	3.00	—	1.54	3.00	3.63	0.32	0.80	1.01	3.73
	12	12	—	3.80	—	1.54	3.80	4.60	0.32	1.01	1.22	3.75
	18	18	—	5.30	—	1.71	5.30	5.72	0.42	1.43	1.72	3.71
1:2	7+7	7	7	2.50	2.50	2.20	5.00	5.94	0.47	1.22	1.86	4.10
	7+9	7	9	2.32	2.98	2.20	5.30	6.05	0.47	1.29	1.86	4.10
	7+12	7	12	2.03	3.47	2.20	5.50	6.66	0.47	1.43	1.86	3.85
	9+9	9	9	2.75	2.75	2.20	5.50	6.66	0.47	1.38	1.86	4.00
	9+12	9	12	2.40	3.20	2.20	5.60	6.66	0.47	1.45	1.86	3.85

MULTI OUTDOOR UNIT **21Kbtu** R32

COOLING														
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)			NOMINAL INDIVIDUAL CAPACITY (kW)			TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT A	UNIT B	UNIT C	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	—	2.00	—	—	1.43	2.00	2.90	0.38	0.62	0.78	3.21
	9	9	—	—	2.50	—	—	1.43	2.50	3.20	0.38	0.78	0.97	3.21
	12	12	—	—	3.50	—	—	1.43	3.50	3.90	0.38	1.09	1.31	3.21
	18	18	—	—	5.00	—	—	1.65	5.00	6.50	0.48	1.55	1.79	3.22
1:2	7+7	7	7	—	2.10	2.10	—	2.01	4.20	5.49	0.56	1.31	1.88	3.21
	7+9	7	9	—	2.06	2.64	—	2.01	4.70	5.80	0.56	1.46	1.98	3.21
	7+12	7	12	—	1.95	3.35	—	2.01	5.30	6.10	0.56	1.65	2.07	3.21
	7+18	7	18	—	1.76	4.54	—	2.01	6.30	6.83	0.56	1.94	2.17	3.24
	9+9	9	9	—	2.65	2.65	—	2.01	5.30	6.41	0.56	1.65	2.07	3.21
	9+12	9	12	—	2.57	3.43	—	2.01	6.00	6.59	0.56	1.85	2.11	3.24
	9+18	9	18	—	2.10	4.20	—	2.01	6.30	6.83	0.56	1.94	2.17	3.24
	12+12	12	12	—	3.10	3.10	—	2.01	6.20	6.83	0.56	1.91	2.17	3.24
1:3	7+7+7	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	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	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	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	9	9	9	2.10	2.10	2.10	2.44	6.30	7.32	0.68	1.94	2.35	3.24

HEATING														
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)			NOMINAL INDIVIDUAL CAPACITY (kW)			TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			COP (W/W)
		UNIT A	UNIT B	UNIT C	UNIT A	UNIT B	UNIT C	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	—	2.50	—	—	1.43	2.50	3.03	0.35	0.73	0.92	3.41
	9	9	—	—	3.00	—	—	1.43	3.00	3.63	0.35	0.88	1.10	3.41
	12	12	—	—	3.80	—	—	1.43	3.80	4.60	0.35	1.11	1.34	3.41
	18	18	—	—	5.30	—	—	1.82	5.30	6.94	0.45	1.54	2.07	3.45
1:2	7+7	7	7	—	2.50	2.50	—	2.22	5.00	6.07	0.54	1.39	1.80	3.61
	7+9	7	9	—	2.45	3.15	—	2.22	5.60	6.40	0.54	1.55	1.89	3.61
	7+12	7	12	—	2.21	3.79	—	2.22	6.00	6.74	0.54	1.64	1.98	3.65
	7+18	7	18	—	1.79	4.61	—	2.22	6.40	7.55	0.54	1.76	2.07	3.63
	9+9	9	9	—	3.00	3.00	—	2.22	6.00	7.08	0.54	1.64	1.98	3.65
	9+12	9	12	—	2.74	3.66	—	2.22	6.40	7.28	0.54	1.75	2.01	3.65
	9+18	9	18	—	2.13	4.27	—	2.22	6.40	7.55	0.54	1.77	2.07	3.62
	12+12	12	12	—	3.20	3.20	—	2.22	6.40	7.55	0.54	1.75	2.07	3.65
1:3	7+7+7	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	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	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	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	9	9	9	2.30	2.30	2.30	2.70	6.90	8.09	0.65	1.84	2.25	3.75

MULTI OUTDOOR UNIT 27Kbtu R32

COOLING														
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)			NOMINAL INDIVIDUAL CAPACITY (kW)			TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT A	UNIT B	UNIT C	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	—	2.00	—	—	1.58	2.00	2.90	0.40	0.62	0.78	3.21
	9	9	—	—	2.50	—	—	1.58	2.50	3.20	0.40	0.78	0.97	3.21
	12	12	—	—	3.50	—	—	1.58	3.50	3.90	0.40	1.09	1.31	3.21
	18	18	—	—	5.00	—	—	1.78	5.00	6.50	0.50	1.55	1.79	3.22
1:2	7+7	7	7	—	2.10	2.10	—	2.21	4.20	6.32	0.64	1.30	2.08	3.23
	7+9	7	9	—	2.06	2.64	—	2.21	4.70	6.72	0.64	1.46	2.20	3.23
	7+12	7	12	—	1.95	3.35	—	2.21	5.30	7.11	0.64	1.64	2.45	3.23
	7+18	7	18	—	1.82	4.68	—	2.21	6.50	7.90	0.64	2.01	2.69	3.23
	9+9	9	9	—	2.65	2.65	—	2.21	5.30	7.11	0.64	1.64	2.45	3.23
	9+12	9	12	—	2.57	3.43	—	2.21	6.00	7.51	0.64	1.86	2.57	3.23
	9+18	9	18	—	2.27	4.53	—	2.21	6.80	7.90	0.64	2.11	2.69	3.23
	12+12	12	12	—	3.15	3.15	—	2.21	6.30	7.66	0.64	1.95	2.64	3.23
	12+18	12	18	—	2.72	4.08	—	2.21	6.80	7.90	0.64	2.11	2.69	3.23
1:3	7+7+7	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	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	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	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	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	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	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	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	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	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	9	12	12	2.15	2.87	2.87	2.77	7.90	8.69	0.76	2.45	2.91	3.23
HEATING														
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)			NOMINAL INDIVIDUAL CAPACITY (kW)			TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			COP (W/W)
		UNIT A	UNIT B	UNIT C	UNIT A	UNIT B	UNIT C	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	—	2.50	—	—	1.58	2.50	2.90	0.40	0.69	0.87	3.61
	9	9	—	—	3.00	—	—	1.58	3.00	3.20	0.40	0.83	1.04	3.61
	12	12	—	—	3.80	—	—	1.58	3.80	3.90	0.40	1.05	1.26	3.61
	18	18	—	—	5.60	—	—	1.82	5.60	6.95	0.50	1.55	1.78	3.61
1:2	7+7	7	7	—	2.50	2.50	—	2.21	5.00	6.32	0.55	1.38	1.81	3.62
	7+9	7	9	—	2.45	3.15	—	2.21	5.60	6.72	0.55	1.54	1.91	3.63
	7+12	7	12	—	2.21	3.79	—	2.21	6.00	7.11	0.55	1.61	2.12	3.72
	7+18	7	18	—	1.96	5.04	—	2.21	7.00	7.90	0.55	1.88	2.34	3.73
	9+9	9	9	—	3.00	3.00	—	2.21	6.00	7.11	0.55	1.61	2.12	3.72
	9+12	9	12	—	2.70	3.60	—	2.21	6.30	7.51	0.55	1.69	2.23	3.73
	9+18	9	18	—	2.33	4.67	—	2.21	7.00	7.90	0.55	1.88	2.34	3.72
	12+12	12	12	—	3.25	3.25	—	2.21	6.50	7.66	0.55	1.74	2.29	3.73
	12+18	12	18	—	2.80	4.20	—	2.21	7.00	7.90	0.55	1.88	2.34	3.72
1:3	7+7+7	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	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	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	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	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	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	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	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	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	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	9	12	12	2.18	2.91	2.91	2.77	8.00	8.69	0.66	2.15	2.53	3.72

MULTI OUTDOOR UNIT 28Kbtu R32

COOLING																
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)				NOMINAL INDIVIDUAL CAPACITY (kW)				TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	—	—	2.00	—	—	—	1.52	2.00	2.90	0.40	0.62	0.78	3.21
	9	9	—	—	—	2.50	—	—	—	1.52	2.50	3.20	0.40	0.78	0.97	3.21
	12	12	—	—	—	3.50	—	—	—	1.52	3.50	3.90	0.40	1.09	1.31	3.21
	18	18	—	—	—	5.00	—	—	—	1.72	5.00	6.50	0.50	1.55	1.79	3.22
1:2	7+7	7	7	—	—	2.10	2.10	—	—	2.05	4.20	6.08	0.62	1.31	1.98	3.21
	7+9	7	9	—	—	2.06	2.64	—	—	2.05	4.70	6.40	0.62	1.46	2.10	3.21
	7+12	7	12	—	—	1.95	3.35	—	—	2.05	5.30	6.81	0.62	1.65	2.23	3.21
	7+18	7	18	—	—	1.96	5.04	—	—	2.05	7.00	7.55	0.62	2.18	2.72	3.21
	9+9	9	9	—	—	2.65	2.65	—	—	2.05	5.30	6.81	0.62	1.65	2.23	3.21
	9+12	9	12	—	—	2.57	3.43	—	—	2.05	6.00	6.98	0.62	1.87	2.35	3.21
	9+18	9	18	—	—	2.43	4.87	—	—	2.05	7.30	7.55	0.62	2.27	2.72	3.21
	12+12	12	12	—	—	3.25	3.25	—	—	2.05	6.50	7.39	0.62	2.02	2.42	3.21
	12+18	12	18	—	—	2.92	4.38	—	—	2.05	7.30	7.55	0.62	2.27	2.72	3.21
	18+18	18	18	—	—	3.75	3.75	—	—	2.05	7.50	7.55	0.62	2.34	2.72	3.21
1:3	7+7+7	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	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	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	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	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	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	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	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	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	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	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	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	12	12	12	—	2.60	2.60	2.60	—	2.63	7.80	8.46	0.74	2.40	2.87	3.25
1:4	7+7+7+7	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	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	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	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	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	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	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
HEATING																
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)				NOMINAL INDIVIDUAL CAPACITY (kW)				TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			COP (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	—	—	2.50	—	—	—	1.68	2.50	2.90	0.40	0.69	0.87	3.61
	9	9	—	—	—	3.00	—	—	—	1.68	3.00	3.20	0.40	0.83	1.04	3.61
	12	12	—	—	—	3.80	—	—	—	1.68	3.80	3.90	0.40	1.05	1.26	3.61
	18	18	—	—	—	5.60	—	—	—	1.91	5.60	7.01	0.50	1.55	1.78	3.61
1:2	7+7	7	7	—	—	2.50	2.50	—	—	2.28	5.00	6.73	0.61	1.39	1.96	3.61
	7+9	7	9	—	—	2.45	3.15	—	—	2.28	5.60	7.10	0.61	1.55	2.08	3.61
	7+12	7	12	—	—	2.21	3.79	—	—	2.28	6.00	7.55	0.61	1.66	2.20	3.61
	7+18	7	18	—	—	2.18	5.62	—	—	2.28	7.80	8.37	0.61	2.16	2.69	3.61
	9+9	9	9	—	—	3.00	3.00	—	—	2.28	6.00	7.55	0.61	1.66	2.20	3.61
	9+12	9	12	—	—	3.00	4.00	—	—	2.28	7.00	7.74	0.61	1.94	2.32	3.61
	9+18	9	18	—	—	2.63	5.27	—	—	2.28	7.90	8.37	0.61	2.19	2.69	3.61
	12+12	12	12	—	—	3.75	3.75	—	—	2.28	7.50	8.19	0.61	2.08	2.40	3.61
	12+18	12	18	—	—	3.20	4.80	—	—	2.28	8.00	8.37	0.61	2.22	2.69	3.61
	18+18	18	18	—	—	4.00	4.00	—	—	2.28	8.00	8.37	0.61	2.22	2.69	3.61
1:3	7+7+7	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	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	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	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	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	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	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	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	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	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	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	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	12	12	12	—	2.93	2.93	2.93	—	2.91	8.80	9.37	0.73	2.37	2.84	3.72
1:4	7+7+7+7	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	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	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	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	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	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	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

MULTI OUTDOOR UNIT 36Kbtu R32

COOLING																
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)				NOMINAL INDIVIDUAL CAPACITY (kW)				TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	—	—	2.00	—	—	—	1.59	2.00	2.90	0.45	0.62	0.78	3.21
	9	9	—	—	—	2.50	—	—	—	1.59	2.50	3.20	0.45	0.78	0.97	3.21
	12	12	—	—	—	3.50	—	—	—	1.59	3.50	3.90	0.45	1.09	1.31	3.21
	18	18	—	—	—	5.00	—	—	—	1.80	5.00	6.50	0.58	1.56	1.79	3.21
1:2	7+7	7	7	—	—	2.10	2.10	—	—	2.23	4.20	6.36	0.63	1.31	2.15	3.21
	7+9	7	9	—	—	2.06	2.64	—	—	2.23	4.70	6.57	0.63	1.46	2.31	3.21
	7+12	7	12	—	—	2.03	3.47	—	—	2.23	5.50	6.89	0.63	1.71	2.48	3.21
	7+18	7	18	—	—	1.96	5.04	—	—	2.23	7.00	8.48	0.63	2.18	2.91	3.21
	9+9	9	9	—	—	2.65	2.65	—	—	2.23	5.30	6.89	0.63	1.65	2.48	3.21
	9+12	9	12	—	—	2.57	3.43	—	—	2.23	6.00	7.42	0.63	1.87	2.64	3.21
	9+18	9	18	—	—	2.50	5.00	—	—	2.23	7.50	9.54	0.63	2.34	2.97	3.21
	12+12	12	12	—	—	3.50	3.50	—	—	2.23	7.00	7.95	0.63	2.18	2.81	3.21
	12+18	12	18	—	—	3.40	5.10	—	—	2.23	8.50	10.07	0.63	2.65	2.97	3.21
	18+18	18	18	—	—	5.00	5.00	—	—	2.23	10.00	10.60	0.63	3.12	3.30	3.21
1:3	7+7+7	7	7	7	—	2.00	2.00	2.00	—	2.86	6.00	7.42	0.79	1.85	2.97	3.25
	7+7+9	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	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	7	7	18	—	1.97	1.97	5.06	—	2.86	9.00	11.66	0.79	2.80	3.63	3.21
	7+9+9	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	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	7	9	18	—	1.96	2.51	5.03	—	2.86	9.50	11.66	0.79	2.96	3.63	3.21
	7+12+12	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	7	12	18	—	1.89	3.24	4.86	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
	7+18+18	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	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	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	9	9	18	—	2.50	2.50	5.00	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
	9+12+12	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	9	12	18	—	2.31	3.08	4.62	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
	9+18+18	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	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	12	12	18	—	2.86	2.86	4.29	—	2.86	10.00	11.66	0.79	3.12	3.63	3.21
1:4	7+7+7+7	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	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	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	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	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	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	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	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+7+12+18	7	7	12	18	1.67	1.67	2.86	4.30	3.71	10.50	13.78	0.89	3.27	4.29	3.21
	7+9+9+9	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	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	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	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+9+12+18	7	9	12	18	1.61	2.07	2.77	4.15	3.71	10.60	13.78	0.89	3.30	4.29	3.21
	7+12+12+12	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	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	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	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	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	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

HEATING																
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)				NOMINAL INDIVIDUAL CAPACITY (kW)				TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			COP (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	—	—	2.50	—	—	—	1.80	2.50	2.90	0.45	0.69	0.86	3.62
	9	9	—	—	—	3.00	—	—	—	1.80	3.00	3.20	0.45	0.83	1.04	3.62
	12	12	—	—	—	3.80	—	—	—	1.80	3.80	3.90	0.45	1.05	1.26	3.62
	18	18	—	—	—	5.60	—	—	—	2.04	5.60	7.00	0.55	1.55	1.78	3.61
1:2	7+7	7	7	—	—	2.50	2.50	—	—	2.52	5.00	7.20	0.63	1.38	2.15	3.63
	7+9	7	9	—	—	2.45	3.15	—	—	2.52	5.60	7.44	0.63	1.54	2.31	3.63
	7+12	7	12	—	—	2.21	3.79	—	—	2.52	6.00	7.80	0.63	1.65	2.48	3.63
	7+18	7	18	—	—	2.24	5.76	—	—	2.52	8.00	9.60	0.63	2.21	2.91	3.62
	9+9	9	9	—	—	3.00	3.00	—	—	2.52	6.00	7.80	0.63	1.65	2.48	3.63
	9+12	9	12	—	—	3.00	4.00	—	—	2.52	7.00	8.40	0.63	1.93	2.64	3.63
	9+18	9	18	—	—	2.93	5.87	—	—	2.52	8.80	10.80	0.63	2.43	2.98	3.62
	12+12	12	12	—	—	3.75	3.75	—	—	2.52	7.50	9.00	0.63	2.07	2.81	3.62
	12+18	12	18	—	—	3.76	5.64	—	—	2.52	9.40	11.40	0.63	2.60	2.98	3.62
	18+18	18	18	—	—	5.50	5.50	—	—	2.52	11.00	12.00	0.63	3.05	3.31	3.61
1:3	7+7+7	7	7	7	—	2.50	2.50	2.50	—	3.24	7.50	8.40	0.79	2.05	2.98	3.65
	7+7+9	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	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	7	7	18	—	2.52	2.52	6.47	—	3.24	11.50	13.20	0.79	3.17	3.64	3.63
	7+9+9	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	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	7	9	18	—	2.37	3.04	6.09	—	3.24	11.50	13.20	0.79	3.17	3.64	3.63
	7+12+12	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	7	12	18	—	2.18	3.73	5.59	—	3.24	11.50	13.20	0.79	3.18	3.64	3.62
	7+18+18	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	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	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	9	9	18	—	2.88	2.88	5.75	—	3.24	11.50	13.20	0.79	3.19	3.64	3.61
	9+12+12	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	9	12	18	—	2.65	3.54	5.31	—	3.24	11.50	13.20	0.79	3.18	3.64	3.62
	9+18+18	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	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	12	12	18	—	3.29	3.29	4.93	—	3.24	11.50	13.20	0.79	3.19	3.64	3.61
1:4	7+7+7+7	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	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	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	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	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	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	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	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+7+12+18	7	7	12	18	1.91	1.91	3.27	4.91	4.20	12.00	14.40	0.89	3.31	4.30	3.63
	7+9+9+9	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	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	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	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+9+12+18	7	9	12	18	1.83	2.35	3.13	4.70	4.20	12.00	14.40	0.89	3.31	4.30	3.63
	7+12+12+12	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	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	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	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	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	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	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

MULTI OUTDOOR UNIT 42Kbtu R32

COOLING																		
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)					NOMINAL INDIVIDUAL CAPACITY (kW)					TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	—	—	—	2.00	—	—	—	—	1.66	2.00	2.90	0.45	0.62	0.78	3.22
	9	9	—	—	—	—	2.50	—	—	—	—	1.66	2.50	3.20	0.45	0.78	0.97	3.22
	12	12	—	—	—	—	3.50	—	—	—	—	1.66	3.50	3.90	0.45	1.09	1.30	3.22
	18	18	—	—	—	—	5.00	—	—	—	—	1.85	5.00	6.50	0.58	1.56	1.79	3.21
	24	24	—	—	—	—	7.00	—	—	—	—	2.09	7.00	8.20	0.70	2.18	2.29	3.21
1:2	7+7	7	7	—	—	—	2.10	2.10	—	—	—	2.34	4.20	7.38	0.63	1.30	2.16	3.23
	7+9	7	9	—	—	—	2.06	2.64	—	—	—	2.34	4.70	7.63	0.63	1.46	2.31	3.23
	7+12	7	12	—	—	—	2.03	3.47	—	—	—	2.34	5.50	8.00	0.63	1.70	2.50	3.23
	7+18	7	18	—	—	—	1.96	5.04	—	—	—	2.34	7.00	9.84	0.63	2.17	2.65	3.23
	7+24	7	24	—	—	—	2.05	7.05	—	—	—	2.34	9.10	11.69	0.63	2.83	2.98	3.21
	9+9	9	9	—	—	—	2.65	2.65	—	—	—	2.34	5.30	8.00	0.63	1.64	2.50	3.23
	9+12	9	12	—	—	—	2.57	3.43	—	—	—	2.34	6.00	8.61	0.63	1.86	2.53	3.23
	9+18	9	18	—	—	—	2.50	5.00	—	—	—	2.34	7.50	11.07	0.63	2.34	2.80	3.21
	9+24	9	24	—	—	—	2.65	7.05	—	—	—	2.34	9.70	12.30	0.63	3.02	3.17	3.21
	12+12	12	12	—	—	—	3.50	3.50	—	—	—	2.34	7.00	9.23	0.63	2.17	2.65	3.23
	12+18	12	18	—	—	—	3.40	5.10	—	—	—	2.34	8.50	11.69	0.63	2.65	3.06	3.21
	12+24	12	24	—	—	—	3.33	6.67	—	—	—	2.34	10.00	12.30	0.63	3.12	3.35	3.21
	18+18	18	18	—	—	—	5.25	5.25	—	—	—	2.34	10.50	12.30	0.63	3.27	3.35	3.21
	18+24	18	24	—	—	—	4.93	6.57	—	—	—	2.34	11.50	12.50	0.63	3.58	3.35	3.21
	24+24	24	24	—	—	—	6.00	6.00	—	—	—	2.34	12.00	12.50	0.63	3.74	3.35	3.21
1:3	7+7+7	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	12	18	24	—	—	2.67	4.00	5.33	—	—	2.89	12.00	12.92	0.78	3.74	3.88	3.21
	18+18+18	18	18	18	—	—	4.00	4.00	4.00	—	—	2.89	12.00	12.92	0.78	3.74	3.88	3.21
1:4	7+7+7+7	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	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	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	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	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	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	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	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	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	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	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	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	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

COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)					NOMINAL INDIVIDUAL CAPACITY (kW)					TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:4	7+7+18+24	7	7	18	24	—	1.54	1.54	3.95	5.27	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	7+9+9+9	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	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	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	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	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	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	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	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+9+18+24	7	9	18	24	—	1.48	1.91	3.82	5.09	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	7+12+12+12	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	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
	7+12+18+18	7	12	12	24	—	1.57	2.68	2.68	5.37	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	7+12+18+24	7	12	18	18	—	1.57	2.68	4.03	4.03	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	9+9+9+9	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	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	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	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	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	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	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	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	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	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
	9+12+12+24	9	12	12	24	—	1.94	2.59	2.59	5.18	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	9+12+18+18	9	12	18	18	—	1.94	2.59	3.88	3.88	—	3.69	12.30	13.53	0.89	3.83	4.29	3.21
	12+12+12+12	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	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
1:5	7+7+7+7+7	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	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	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	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	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	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	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	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	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	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	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+7+12+24	7	7	7	12	24	1.51	1.51	1.51	2.59	5.18	4.18	12.30	14.00	1.01	3.80	4.96	3.23
	7+7+9+9+9	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	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	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	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	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+9+18+18	7	7	9	18	18	1.46	1.46	1.88	3.75	3.75	4.18	12.30	14.00	1.01	3.84	4.96	3.20
	7+7+12+12+12	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	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	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	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+9+24	7	9	9	9	24	1.48	1.91	1.91	1.91	5.09	4.18	12.30	14.00	1.01	3.80	4.94	3.23
	7+9+9+12+12	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+9+12+18	7	9	9	12	18	1.57	2.01	2.01	2.68	4.03	4.18	12.30	14.00	1.01	3.76	4.96	3.27
	7+9+12+12+12	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
	7+12+12+12+12	7	12	12	12	12	1.57	2.68	2.68	2.68	2.68	4.18	12.30	14.00	1.01	3.75	4.96	3.28
	9+9+9+9+9	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	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	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	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	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

CONFIGURATION TABLES

MULTI OUTDOOR UNIT 42Kbtu R32

HEATING																		
COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)					NOMINAL INDIVIDUAL CAPACITY (kW)					TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			COP (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:1	7	7	—	—	—	—	2.50	—	—	—	—	1.66	2.50	2.90	0.45	0.69	0.87	3.61
	9	9	—	—	—	—	3.00	—	—	—	—	1.66	3.00	3.20	0.45	0.83	1.04	3.61
	12	12	—	—	—	—	3.80	—	—	—	—	1.66	3.80	3.90	0.45	1.05	1.26	3.61
	18	18	—	—	—	—	5.60	—	—	—	—	1.85	5.60	7.00	0.58	1.55	1.78	3.61
	24	24	—	—	—	—	7.60	—	—	—	—	2.09	7.60	8.50	0.70	2.10	2.20	3.62
1:2	7+7	7	7	—	—	—	2.50	2.50	—	—	—	2.34	5.00	7.38	0.57	1.38	1.95	3.63
	7+9	7	9	—	—	—	2.45	3.15	—	—	—	2.34	5.60	7.63	0.57	1.54	2.09	3.63
	7+12	7	12	—	—	—	2.21	3.79	—	—	—	2.34	6.00	8.00	0.57	1.65	2.26	3.63
	7+18	7	18	—	—	—	2.24	5.76	—	—	—	2.34	8.00	9.84	0.57	2.20	2.39	3.63
	7+24	7	24	—	—	—	2.21	7.59	—	—	—	2.34	9.80	11.69	0.57	2.71	2.70	3.62
	9+9	9	9	—	—	—	3.00	3.00	—	—	—	2.34	6.00	8.00	0.57	1.65	2.26	3.63
	9+12	9	12	—	—	—	2.91	3.89	—	—	—	2.34	6.80	8.61	0.57	1.87	2.29	3.63
	9+18	9	18	—	—	—	2.93	5.87	—	—	—	2.34	8.80	11.07	0.57	2.42	2.53	3.63
	9+24	9	24	—	—	—	2.78	7.42	—	—	—	2.34	10.20	12.30	0.57	2.82	2.86	3.62
	12+12	12	12	—	—	—	3.75	3.75	—	—	—	2.34	7.50	9.23	0.57	2.07	2.39	3.63
	12+18	12	18	—	—	—	3.76	5.64	—	—	—	2.34	9.40	11.69	0.57	2.59	2.76	3.63
	12+24	12	24	—	—	—	3.50	7.00	—	—	—	2.34	10.50	12.30	0.57	2.90	3.03	3.62
	18+18	18	18	—	—	—	5.50	5.50	—	—	—	2.34	11.00	12.30	0.57	3.04	3.03	3.62
	18+24	18	24	—	—	—	4.93	6.57	—	—	—	2.34	11.50	12.50	0.57	3.18	3.03	3.62
	24+24	24	24	—	—	—	5.75	5.75	—	—	—	2.34	11.50	12.50	0.57	3.19	3.03	3.61
1:3	7+7+7	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	12	18	24	—	—	2.67	4.00	5.33	—	—	2.89	12.00	12.92	0.71	3.32	3.50	3.61
	18+18+18	18	18	18	—	—	4.00	4.00	4.00	—	—	2.89	12.00	12.92	0.71	3.32	3.50	3.61
1:4	7+7+7+7	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	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	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	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	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	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	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	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	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	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	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	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	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

COMB.	INDOOR UNITS	COMBINATIONS (x1000 Btu/h)					NOMINAL INDIVIDUAL CAPACITY (kW)					TOTAL CAPACITY SUPPLIED (kW)			TOTAL POWER DRAW (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	Min.	Nominal	Max.	Min.	Nominal	Max.	
1:4	7+7+18+24	7	7	18	24	—	1.54	1.54	3.95	5.27	—	3.69	12.30	13.53	0.81	3.41	3.88	3.61
	7+9+9+9	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	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	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	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	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	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	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	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+9+18+24	7	9	18	24	—	1.48	1.91	3.82	5.09	—	3.69	12.30	13.53	0.81	3.40	3.88	3.62
	7+12+12+12	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	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
	7+12+18+18	7	12	12	24	—	1.57	2.68	2.68	5.37	—	3.69	12.30	13.53	0.81	3.40	3.88	3.62
	7+12+18+24	7	12	18	18	—	1.53	2.62	3.93	3.93	—	3.69	12.00	13.53	0.81	3.31	3.88	3.62
	9+9+9+9	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	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	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	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	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	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	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+9+18+18	9	9	18	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	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	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
	9+12+12+24	9	12	12	24	—	1.94	2.59	2.59	5.18	—	3.69	12.30	13.53	0.81	3.40	3.88	3.62
	9+12+18+18	9	12	18	18	—	1.89	2.53	3.79	3.79	—	3.69	12.00	13.53	0.81	3.31	3.88	3.62
	12+12+12+12	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	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
1:5	7+7+7+7+7	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	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	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	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	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	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	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	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	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	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	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+7+12+24	7	7	7	12	24	1.51	1.51	1.51	2.59	5.18	4.18	12.30	14.94	0.91	3.28	4.48	3.75
	7+7+9+9+9	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	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	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	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	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+9+18+18	7	7	9	18	18	1.46	1.46	1.88	3.75	3.75	4.18	12.30	14.94	0.91	3.28	4.48	3.75
	7+7+12+12+12	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	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	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	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+9+24	7	9	9	9	24	1.48	1.91	1.91	1.91	5.09	4.18	12.30	14.94	0.91	3.28	4.46	3.75
	7+9+9+12+12	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+9+12+18	7	9	9	12	18	1.57	2.01	2.01	2.68	4.03	4.18	12.30	14.94	0.91	3.28	4.48	3.75
	7+9+12+12+12	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
	7+12+12+12+12	7	12	12	12	12	1.57	2.68	2.68	2.68	2.68	4.18	12.30	14.94	0.91	3.32	4.48	3.71
	9+9+9+9+9	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	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	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	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	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

LIGHT COMMERCIAL SOLUTIONS







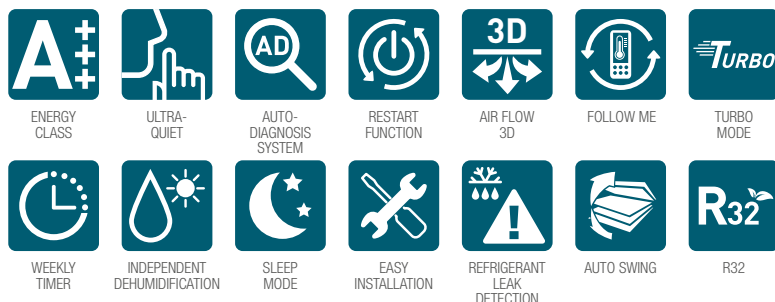
CEILING / FLOOR

42QZL/38QUS-D8S

42QZL/38QUS-R8S



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



Included
RG67G



Optional
KJR-120G2



Optional
KJR-120X
KJR-120X2

SYSTEM		Ceiling/Floor 18K	Ceiling/Floor 18K	Ceiling/Floor 24K
Cooling Capacity	kW	5.30 (2.71~5.57)	5.20 (2.60~5.60)	7.05 (3.20~7.70)
Heating Capacity	kW	5.57 (2.42~6.30)	5.70 (2.30~5.80)	7.40 (2.70~8.30)
Heating Capacity to -7 °C	kW	4.50	4.30	5.30
Heating Capacity to -10 °C	kW	4.00	3.90	5.50
Heating Capacity to -15 °C	kW	3.60	3.20	4.90
Theoretical Thermal Load (PdesignC)	kW	5.30	5.20	7.05
Theoretical Thermal Load (Pdesignh)	kW	4.10	4.70	5.30
Theoretical Thermal Load (Pdesignh) mid-season	kW	5.00	4.70	4.90
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 5.1	6.9 / 4.0 / 5.1	6.3 / 4.0 / 5.0
Energy Efficiency Class	-	A++ / A+ / A+++	A++ / A+ / A+++	A++ / A+ / A++
Indicative annual energy consumption	kWh	304 / 1435 / 1373	264 / 1645 / 1290	392 / 1855 / 1372
EER/COP	W/W	3.25 / 3.71	3.06 / 3.77	3.07 / 3.47
Nominal current draw (Cooling)	A	7.2	7.7	10.1
Nominal power draw (Cooling)	W	1630	1700	2230
Nominal current draw (Heating)	A	6.6	6.8	9.7
Nominal power draw (Heating)	W	1500	1500	2130

OUTDOOR UNIT		38QUS018D8S	38QUS018R8S	38QUS024R8S
Operating Range (Cooling)	°C	-15~50	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph
Nominal current	A	13.5	10.0	13.5
Nominal power	W	2950	2200	2950
Quantity of refrigerant (R32)	kg	1.15/0.776	1.35	1.50/1.012
Liquid/Gas pipes	mm (inch)	Φ6.35 / Φ12.7 (1/4" / 1/2")	Φ6.35 / Φ12.7 (1/4" / 1/2")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5	5
Min. pipe length	m	3	3	3
Max. pipe length	m	30	30	50
Max. drop	m	20	20	25
Additional refrigerant load	g/m	12	12	24
Sound power level	dB(A)	64	65	67
Sound pressure level	dB(A)	57	57	61
Air flow	m³/h	2000	2100	2700
Weight (net/gross)	kg	33.7 / 36.6	35.5 / 38.5	49.5 / 53.0
Dimensions (LxWxH)	mm	800×333×554	800×333×554	845×363×702
Package (LxWxH)	mm	920×390×625	920×390×615	965×395×775

INDOOR UNIT		42QZL018D8S-1	42QZL018R8S	42QZL024R8S
Nominal power	W	96	100	100
Max. nominal current	A	0.94	1.11	1.11
Sound power level	dB(A)	61	57	62
Sound pressure level (high/med/low)	dB(A)	44/42/36	45 / 40 / 37	49 / 46 / 41
Air flow (high/med/low)	m³/h	880 / 760 / 650	900 / 790 / 680	1200 / 1070 / 850
Unit weight (net/gross)	kg	28.0 / 33.5	27.0 / 32.0	27.0 / 32.0
Unit dimensions (LxWxH)	mm	1068×675×235	1068×675×235	1068×675×235
Unit package (LxWxH)	mm	1145×755×318	1145×755×313	1145×755×318

CEILING / FLOOR
42QZL/38QUS - R8S



		Mono-phase	Tri-phase
SYSTEM		Ceiling/Floor 36K	Ceiling/Floor 36K
Cooling Capacity	kW	10.50 (3.90~10.70)	10.50 (3.90~11.20)
Heating Capacity	kW	12.50 (2.90~13.50)	10.80 (2.80~13.90)
Heating Capacity to -7 °C	kW	9.80	9.70
Heating Capacity to -10 °C	kW	8.40	8.30
Heating Capacity to -15 °C	kW	8.20	8.20
Theoretical Thermal Load (PdesignC)	kW	10.50	10.50
Theoretical Thermal Load (Pdesignh)	kW	8.70	8.70
Theoretical Thermal Load (Pdesignh) mid-season	kW	10.60	9.00
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.6 / 4.0 / 5.1	6.5 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A+++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	557 / 3045 / 2910	565 / 3045 / 2471
EER/COP	W/W	2.65 / 3.62	2.80 / 3.65
Nominal current draw (Cooling)	A	17.1	6.7
Nominal power draw (Cooling)	W	3830	4000
Nominal current draw (Heating)	A	15.3	5.1
Nominal power draw (Heating)	W	3450	2950

OUTDOOR UNIT		38QUS036R8S	38QUS036R8T
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	380~415V / 50Hz / 3Ph
Nominal current	A	21.5	10.0
Nominal power	W	4700	5600
Quantity of refrigerant (R32)	kg	2.40 / 1.620	2.40 / 1.620
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	65	65
Max. drop	m	30	30
Additional refrigerant load	g/m	24	24
Sound power level	dB(A)	69	69
Sound pressure level	dB(A)	64	64
Air flow	m³/h	4000	4000
Weight (net/gross)	kg	67.0 / 73.5	81.5 / 87.0
Dimensions (LxWxH)	mm	946×410×810	946×410×810
Package (LxWxH)	mm	1090×500×885	1090×500×885

INDOOR UNIT		42QZL036R8S	42QZL036R8S
Nominal power	W	96*2	96*2
Max. nominal current	A	1.15*2	1.15*2
Sound power level	dB(A)	63	63
Sound pressure level (high/med/low)	dB(A)	50 / 46 / 42	50 / 46 / 42
Air flow (high/med/low)	m³/h	2160 / 1840 / 1430	2160 / 1840 / 1430
Unit weight (net/gross)	kg	41.5 / 48.0	41.5 / 48.0
Unit dimensions (LxWxH)	mm	1650×675×235	1650×675×235
Unit package (LxWxH)	mm	1725×755×318	1725×755×318



		Tri-phase	Tri-phase
SYSTEM		Ceiling/Floor 48K	Ceiling/Floor 60K
Cooling Capacity	kW	14.00 (4.90~15.10)	15.40 (5.20~17.00)
Heating Capacity	kW	15.60 (3.80~18.00)	18.00 (4.30~19.60)
Heating Capacity to -7 °C	kW	11.10	11.50
Heating Capacity to -10 °C	kW	10.50	11.10
Heating Capacity to -15 °C	kW	8.60	9.90
Theoretical Thermal Load (PdesignC)	kW	14.00	15.40
Theoretical Thermal Load (Pdesignh)	kW	11.10	11.80
Theoretical Thermal Load (Pdesignh) mid-season	kW	12.10	12.30
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 4.8	6.1 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	803 / 3885 / 3529	884 / 4130 / 3376
EER/COP	W/W	2.55 / 2.85	2.55 / 2.95
Nominal current draw (Cooling)	A	9.1	10.1
Nominal power draw (Cooling)	W	5500	6050
Nominal current draw (Heating)	A	8.2	10.2
Nominal power draw (Heating)	W	5030	6100

OUTDOOR UNIT		38QUS048R8T	38QUS060R8T
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	380~415V / 50Hz / 3Ph	380~415V / 50Hz / 3Ph
Nominal current	A	11.2	14.0
Nominal power	W	6200	7500
Quantity of refrigerant (R32)	kg	2.80 / 1,890	2.95 / 1,990
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	65	65
Max. drop	m	30	30
Additional refrigerant load	g/m	24	24
Sound power level	dB(A)	75	77
Sound pressure level	dB(A)	66	66
Air flow	m³/h	7500	7500
Weight (net/gross)	kg	107.0 / 120.0	112.0 / 125.0
Dimensions (LxWxH)	mm	952×415×1333	952×415×1333
Package (LxWxH)	mm	1095×495×1480	1095×495×1480

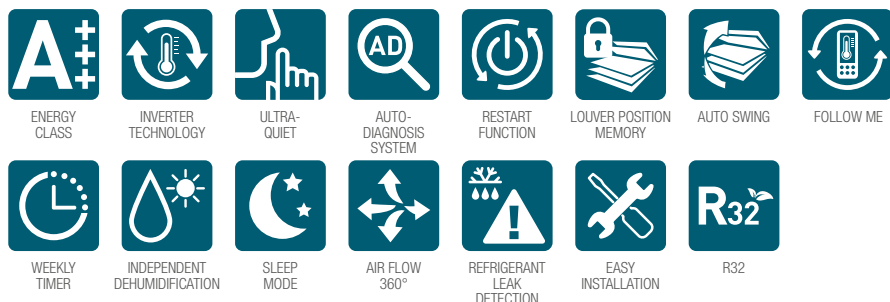
INDOOR UNIT		42QZL048R8S	42QZL060R8S
Nominal power	W	96*2	90*2
Max. nominal current	A	1.15*2	1.2*2
Sound power level	dB(A)	66	68
Sound pressure level (high/med/low)	dB(A)	54 / 50 / 46	54 / 47 / 43
Air flow (high/med/low)	m³/h	2330 / 1930 / 1420	2450 / 1830 / 1430
Unit weight (net/gross)	kg	41.2 / 47.6	41.4 / 47.8
Unit dimensions (LxWxH)	mm	1650×675×235	1650×675×235
Unit package (LxWxH)	mm	1725×755×318	1725×755×318



COMPACT CASSETTE 42QTD/38QUS - D8S



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



SYSTEM		12K cassette	18K cassette
Cooling Capacity	kW	3.50 (1.52~5.28)	5.30 (2.90~5.74)
Heating Capacity	kW	4.40 (1.03~5.57)	5.42 (2.37~6.10)
Heating Capacity to -7 °C	kW	4.10	4.70
Heating Capacity to -10 °C	kW	3.80	4.10
Heating Capacity to -15 °C	kW	3.60	3.70
Theoretical Thermal Load (PdesignC)	kW	3.50	5.30
Theoretical Thermal Load (Pdesignh)	kW	3.10	4.20
Theoretical Thermal Load (Pdesignh) mid-season	kW	3.50	5.30
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	7.8 / 4.6 / 5.1	6.1 / 4.0 / 4.9
Energy Efficiency Class	-	A++ / A+ / A+++	A++ / A+ / A++
Indicative annual energy consumption	kWh	157 / 959 / 961	304 / 1470 / 1525
EER/COP	W/W	4.12 / 4.00	3.25 / 3.71
Nominal current draw (Cooling)	A	3.80	7.2
Nominal power draw (Cooling)	W	850	1630
Nominal current draw (Heating)	A	5.00	6.4
Nominal power draw (Heating)	W	1100	1460

OUTDOOR UNIT		38QUS012D8S	38QUS018D8S
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph
Nominal current	A	10.0	13.5
Nominal power	W	2350	2950
Quantity of refrigerant (R32)	kg	0.87/0.588	1.15/0.776
Liquid/Gas pipes	mm (inch)	Φ6.35 / Φ9.52 (1/4" / 3/8")	Φ6.35 / Φ12.7 (1/4" / 1/2")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	25	30
Max. drop	m	10	20
Additional refrigerant load	g/m	12	12
Sound power level	dB(A)	63	64
Sound pressure level	dB(A)	56	57
Air flow	m³/h	2000	2000
Weight (net/gross)	kg	34.7 / 37.5	33.7 / 36.6
Dimensions (LxWxH)	mm	800×333×554	800×333×554
Package (LxWxH)	mm	920×390×625	920×390×625

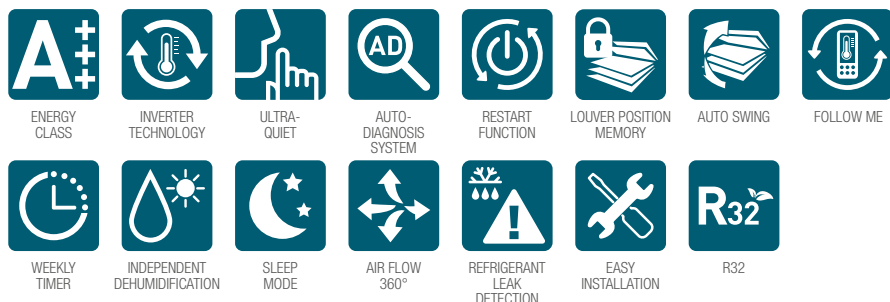
INDOOR UNIT		42QTD012D8S	42QTD018D8S-1
Nominal power	W	45	45
Max. nominal current	A	0.40	0.40
Sound power level	dB(A)	59	60
Sound pressure level (high/med/low)	dB(A)	42 / 39 / 36	45 / 42 / 36
Air flow (high/med/low)	m³/h	560 / 430 / 390	680 / 550 / 400
Unit weight (net/gross)	kg	16.5 / 19.0	16.5 / 19.5
Panel weight (net/gross)	kg	2.5 / 4.5	2.5 / 4.5
Unit dimensions (LxWxH)	mm	570×570×260	570×570×260
Unit package (LxWxH)	mm	662×662×317	662×662×317
Panel dimensions (LxWxH)	mm	647×647×50	647×647×50
Panel package (LxWxH)	mm	715×715×123	715×715×123



SLIM CASSETTE 42QTD/38QUS - R8S



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



SYSTEM		18K cassette	24K cassette
Cooling Capacity	kW	5.20 (2.60~5.70)	7.05 (3.20~7.90)
Heating Capacity	kW	5.50 (2.30~5.80)	7.20 (2.80~8.80)
Heating Capacity to -7 °C	kW	3.90	5.40
Heating Capacity to -10 °C	kW	3.90	5.00
Heating Capacity to -15 °C	kW	2.20	3.70
Theoretical Thermal Load (PdesignC)	kW	5.20	7.05
Theoretical Thermal Load (Pdesignh)	kW	4.70	5.30
Theoretical Thermal Load (Pdesignh) mid-season	kW	4.70	5.90
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.9 / 4.0 / 5.1	6.1 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A+++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	264 / 1645 / 1290	405 / 1855 / 1620
EER/COP	W/W	3.34 / 3.74	2.95 / 3.93
Nominal current draw (Cooling)	A	7.7	9.9
Nominal power draw (Cooling)	W	1700	2180
Nominal current draw (Heating)	A	6.8	8.4
Nominal power draw (Heating)	W	1500	1830

OUTDOOR UNIT		38QUS018R8S	38QUS024R8S
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph
Nominal current	A	10.0	13.5
Nominal power	W	2200	2950
Quantity of refrigerant (R32)	kg	1.35	1.50/1.012
Liquid/Gas pipes	mm (inch)	Φ6.35 / Φ12.7 (1/4" / 1/2")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	30	50
Max. drop	m	20	25
Additional refrigerant load	g/m	12	24
Sound power level	dB(A)	65	67
Sound pressure level	dB(A)	57	61
Air flow	m³/h	2100	2700
Weight (net/gross)	kg	35.5 / 38.5	49.5 / 53.0
Dimensions (LxWxH)	mm	800×333×554	845×363×702
Package (LxWxH)	mm	920×390×615	965×395×775

INDOOR UNIT		42QTD018R8S	42QTD024R8S
Nominal power	W	58	141
Max. nominal current	A	0.33	0.80
Sound power level	dB(A)	57	61
Sound pressure level (high/med/low)	dB(A)	45 / 40 / 37	46 / 43 / 40
Air flow (high/med/low)	m³/h	1040 / 870 / 760	1380 / 1200 / 1030
Unit weight (net/gross)	kg	21.5 / 25.0	24.0 / 28.0
Panel weight (net/gross)	kg	6.0 / 9.0	6.0 / 9.0
Unit dimensions (LxWxH)	mm	840×840×205	840×840×245
Unit package (LxWxH)	mm	900×900×217	900×900×265
Panel dimensions (LxWxH)	mm	950×950×55	950×950×55
Panel package (LxWxH)	mm	1035×1035×90	1035×1035×90

SLIM CASSETTE

42QTD/38QUS - R8S



		Mono-phase	Tri-phase
SYSTEM		36K cassette	36K cassette
Cooling Capacity	kW	10.50 (3.90~10.60)	10.50 (4.00~10.70)
Heating Capacity	kW	10.60 (2.90~13.50)	10.80 (2.90~14.10)
Heating Capacity to -7 °C	kW	9.70	9.60
Heating Capacity to -10 °C	kW	8.30	8.20
Heating Capacity to -15 °C	kW	8.20	8.10
Theoretical Thermal Load (PdesignC)	kW	10.50	10.50
Theoretical Thermal Load (Pdesignh)	kW	8.70	8.10
Theoretical Thermal Load (Pdesignh) mid-season	kW	10.50	10.50
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 4.9	6.1 / 4.0 / 4.9
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A++
Indicative annual energy consumption	kWh	602 / 3045 / 3000	602 / 2835 / 3000
EER/COP	W/W	2.61 / 3.53	2.80 / 3.71
Nominal current draw (Cooling)	A	16.5	6.6
Nominal power draw (Cooling)	W	3740	3950
Nominal current draw (Heating)	A	13.3	5.0
Nominal power draw (Heating)	W	2970	2910

OUTDOOR UNIT		38QUS036R8S	38QUS036R8T
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	380~415V / 50Hz / 3Ph
Nominal current	A	21.5	10.0
Nominal power	W	4700	5600
Quantity of refrigerant (R32)	kg	2.40/1.620	2.40 / 1.620
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	65	65
Max. drop	m	30	30
Additional refrigerant load	g/m	24	24
Sound power level	dB(A)	69	69
Sound pressure level	dB(A)	64	64
Air flow	m³/h	4000	4000
Weight (net/gross)	kg	67.0 / 73.5	81.5 / 87.0
Dimensions (LxWxH)	mm	946×410×810	946×410×810
Package (LxWxH)	mm	1090×500×885	1090×500×885

INDOOR UNIT		42QTD036R8S	42QTD036R8S
Nominal power	W	141	141
Max. nominal current	A	0.80	0.80
Sound power level	dB(A)	62	62
Sound pressure level (high/med/low)	dB(A)	51 / 49 / 46	51 / 49 / 46
Air flow (high/med/low)	m³/h	1770 / 1620 / 1440	1770 / 1620 / 1440
Unit weight (net/gross)	kg	27.5 / 31.0	27.5 / 31.0
Panel weight (net/gross)	kg	6.0 / 9.0	6.0 / 9.0
Unit dimensions (LxWxH)	mm	840×840×245	840×840×245
Unit package (LxWxH)	mm	900×900×265	900×900×265
Panel dimensions (LxWxH)	mm	950×950×55	950×950×55
Panel package (LxWxH)	mm	1035×1035×90	1035×1035×90



		Tri-phase	Tri-phase
SYSTEM		48K cassette	60K cassette
Cooling Capacity	kW	14.00 (4.70~14.60)	15.40 (5.20~16.70)
Heating Capacity	kW	15.60 (3.90~16.80)	18.00 (4.30~19.30)
Heating Capacity to -7 °C	kW	10.50	12.20
Heating Capacity to -10 °C	kW	10.00	11.90
Heating Capacity to -15 °C	kW	8.50	9.80
Theoretical Thermal Load (PdesignC)	kW	14.00	15.40
Theoretical Thermal Load (Pdesignh)	kW	11.00	11.80
Theoretical Thermal Load (Pdesignh) mid-season	kW	11.80	12.30
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 4.6	6.1 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	803 / 3850 / 3591	884 / 4130 / 3376
EER/COP	W/W	2.72 / 3.10	2.53 / 2.94
Nominal current draw (Cooling)	A	9.2	10.2
Nominal power draw (Cooling)	W	5150	6080
Nominal current draw (Heating)	A	8.2	10.3
Nominal power draw (Heating)	W	5040	6130

OUTDOOR UNIT		38QUS048R8T	38QUS060R8T
Operating Range (Cooling)	°C	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24
Power supply	-	380~415V / 50Hz / 3Ph	380~415V / 50Hz / 3Ph
Nominal current	A	11.2	14.0
Nominal power	W	6200	7500
Quantity of refrigerant (R32)	kg	2.80 / 1,890	2.95 / 1,990
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5
Min. pipe length	m	3	3
Max. pipe length	m	65	65
Max. drop	m	30	30
Additional refrigerant load	g/m	24	24
Sound power level	dB(A)	75	77
Sound pressure level	dB(A)	66	66
Air flow	m³/h	7500	7500
Weight (net/gross)	kg	107.0 / 120.0	112.0 / 125.0
Dimensions (LxWxH)	mm	952×415×1333	952×415×1333
Package (LxWxH)	mm	1095×495×1480	1095×495×1480

INDOOR UNIT		42QTD048R8S	42QTD060R8S
Nominal power	W	141	232
Max. nominal current	A	0.80	1.92
Sound power level	dB(A)	65	65
Sound pressure level (high/med/low)	dB(A)	52/50/49	53 / 50 / 48
Air flow (high/med/low)	m³/h	1720 / 1570 / 1380	1970 / 1740 / 1540
Unit weight (net/gross)	kg	29.0 / 33.0	29.0 / 33.0
Panel weight (net/gross)	kg	6.0 / 9.0	6.0 / 9.0
Unit dimensions (LxWxH)	mm	840×840×287	840×840×287
Unit package (LxWxH)	mm	900×900×307	900×900×307
Panel dimensions (LxWxH)	mm	950×950×55	950×950×55
Panel package (LxWxH)	mm	1035×1035×90	1035×1035×90

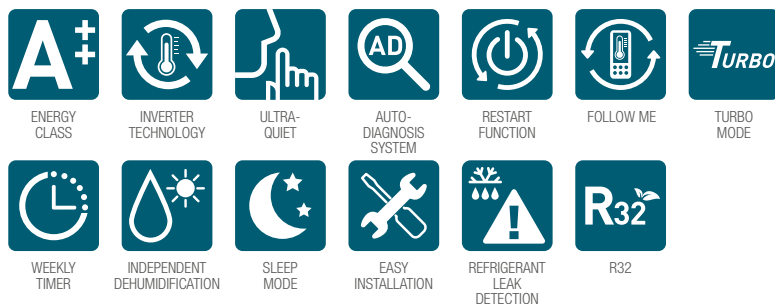


DUCTABLE 42QSS/38QUS-D8S 42QSS/38QUS-R8S



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

AIRZONE



SYSTEM		Ductable 12K	Ductable 18K	Ductable 18K	Ductable 24K
Cooling Capacity	kW	3.50 (1.49~4.75)	5.30 (2.55~5.69)	5.20 (2.80~5.50)	7.05 (3.20~8.20)
Heating Capacity	kW	4.10 (0.97~5.63)	5.86 (2.20~6.15)	5.50 (2.40~5.80)	7.60 (2.80~8.80)
Heating Capacity to -7 °C	kW	4.10	4.70	4.00	5.30
Heating Capacity to -10 °C	kW	3.60	4.10	3.60	4.70
Heating Capacity to -15 °C	kW	3.30	3.70	2.50	3.50
Theoretical Thermal Load (PdesignC)	kW	3.50	5.30	5.20	7.05
Theoretical Thermal Load (Pdesignh)	kW	3.20	4.30	4.70	5.00
Theoretical Thermal Load (Pdesignh) mid-season	kW	3.70	5.20	4.70	5.60
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.5 / 4.0 / 4.8	6.1 / 4.0 / 5.0	6.3 / 4.0 / 4.9	6.5 / 4.0 / 4.8
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A++	A++ / A+ / A++	A++ / A+ / A++
Indicative annual energy consumption	kWh	188 / 1120 / 1079	304 / 1512 / 1464	304 / 1512 / 1465	304 / 1512 / 1466
EER/COP	W/W	3.68 / 3.73	3.25 / 3.71	3.06 / 3.74	3.23 / 3.88
Nominal current draw (Cooling)	A	4.22	7.2	7.7	10.3
Nominal power draw (Cooling)	W	950	1630	1700	2260
Nominal current draw (Heating)	A	5.00	7.0	6.8	9.0
Nominal power draw (Heating)	W	1100	1580	1500	1960

OUTDOOR UNIT		38QUS012D8S	38QUS018D8S	38QUS018R8S	38QUS024R8S
Operating Range (Cooling)	°C	-15~50	-15~50	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph
Nominal current	A	10.0	13.5	10.0	13.5
Nominal power	W	2350	2950	2200	2950
Quantity of refrigerant (R32)	kg	0.87/0.588	1.15/0.776	1.35	1.50/1.012
Liquid/Gas pipes	mm (inch)	Φ6.35 / Φ9.52 (1/4" / 3/8")	Φ6.35 / Φ12.7 (1/4" / 1/2")	Φ6.35 / Φ12.7 (1/4" / 1/2")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5	5	5
Min. pipe length	m	3	3	3	3
Max. pipe length	m	25	30	30	50
Max. drop	m	10	20	20	25
Additional refrigerant load	g/m	12	12	12	24
Sound power level	dB(A)	63	64	65	67
Sound pressure level	dB(A)	56	57	57	61
Air flow	m³/h	2000	2000	2100	2700
Weight (net/gross)	kg	34.7 / 37.5	33.7 / 36.6	35.5 / 38.5	49.5 / 53.0
Dimensions (LxWxH)	mm	800×333×554	800×333×554	800×333×554	845×363×702
Package (LxWxH)	mm	920×390×625	920×390×625	920×390×615	965×395×775

INDOOR UNIT		42QSS012D8S	42QSS018D8S	42QSS018R8S	42QSS024R8S
Nominal power	W	130	90	90	90
Max. nominal current	A	1.11	1.20	1.20	1.20
Sound power level	dB(A)	60	61	60	63
Sound pressure level (high/med/low)	dB(A)	42 / 36 / 30	45 / 38 / 33	42 / 40 / 38	42 / 40 / 38
Air flow (high/med/low)	m³/h	580 / 480 / 300	880 / 650 / 350	1000 / 850 / 680	1250 / 1050 / 840
External static pressure	Pa	0~30	0~100	0~100	0~160
Unit weight (net/gross)	kg	18.0 / 22.0	24.5 / 29.5	25.5 / 31.5	31.5 / 39.0
Unit dimensions (LxWxH)	mm	700×450×200	880×674×210	880×674×210	1100×774×249
Unit package (LxWxH)	mm	860×540×285	1070×725×280	1070×725×270	1305×805×315

DUCTABLE

42QSS/38QUS - R8S



		Mono-phase		Tri-phase
SYSTEM		Ductable 30K	Ductable 36K	Ductable 36K
Cooling Capacity	kW	8.80 (2.23~9.82)	10.50 (2.70~10.60)	10.50 (2.70~11.70)
Heating Capacity	kW	9.38 (6.74~11.14)	11.30 (2.50~13.40)	11.60 (2.50~13.50)
Heating Capacity to -7 °C	kW	7.00	10.30	9.90
Heating Capacity to -10 °C	kW	6.20	9.60	9.10
Heating Capacity to -15 °C	kW	5.60	8.30	8.10
Theoretical Thermal Load (PdesignC)	kW	8.80	10.50	10.50
Theoretical Thermal Load (Pdesignh)	kW	8.00	8.40	8.00
Theoretical Thermal Load (Pdesignh) mid-season	kW	7.00	10.00	10.50
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 5.1	6.1 / 4.0 / 4.9	6.2 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A+++	A++ / A+ / A++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	505 / 2800 / 1920	602 / 2940 / 2857	593 / 2800 / 2883
EER/COP	W/W	3.38 / 4.08	2.52 / 3.55	2.80 / 3.80
Nominal current draw (Cooling)	A	11.8	17.5	6.8
Nominal power draw (Cooling)	W	2600	3950	4070
Nominal current draw (Heating)	A	10.6	14.1	5.4
Nominal power draw (Heating)	W	2300	3180	3050

OUTDOOR UNIT		38QUS030R8S	38QUS036R8S	38QUS036R8T
Operating Range (Cooling)	°C	-15~50	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	220~240V / 50Hz / 1Ph	380~415V / 50Hz / 3Ph
Nominal current	A	16.5	21.5	10.0
Nominal power	W	3600	4700	5600
Quantity of refrigerant (R32)	kg	2.0 / 1,350	2.40 / 1.620	2.40 / 1.620
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5	5
Min. pipe length	m	3	3	3
Max. pipe length	m	50	65	65
Max. drop	m	25	30	30
Additional refrigerant load	g/m	24	24	24
Sound power level	dB(A)	67	69	69
Sound pressure level	dB(A)	61	64	64
Air flow	m³/h	3800	4000	4000
Weight (net/gross)	kg	56.9 / 61.8	67.0 / 73.5	81.5 / 87.0
Dimensions (LxWxH)	mm	946×410×810	946×410×810	946×410×810
Package (LxWxH)	mm	1090×500×885	1090×500×885	1090×500×885

INDOOR UNIT		42QSS030R8S	42QSS036R8S	42QSS036R8S
Nominal power	W	250	250	250
Max. nominal current	A	1.52	1.52	1.52
Sound power level	dB(A)	65	65	65
Sound pressure level (high/med/low)	dB(A)	46 / 43 / 40	45 / 42 / 39	45 / 42 / 39
Air flow (high/med/low)	m³/h	1400 / 1015 / 635	1400 / 1150 / 750	1400 / 1150 / 750
External static pressure	Pa	0~160	0~160	0~160
Unit weight (net/gross)	kg	46.3 / 54.5	40.5 / 48.5	40.5 / 48.5
Unit dimensions (LxWxH)	mm	1360×774×249	1360×774×249	1360×774×249
Unit package (LxWxH)	mm	1570×805×315	1570×805×315	1570×805×315



		Mono-phase	Tri-phase	Tri-phase
SYSTEM		Ductable 42K	Ductable 48K	Ductable 60K
Cooling Capacity	kW	12.40 (2.58~13.40)	14.00 (4.20~15.20)	15.40 (5.80~17.20)
Heating Capacity	kW	13.48 (2.05~14.85)	15.60 (3.70~18.00)	18.00 (4.60~20.50)
Heating Capacity to -7 °C	kW	10.80	11.60	12.60
Heating Capacity to -10 °C	kW	9.60	10.70	11.80
Heating Capacity to -15 °C	kW	8.60	9.10	10.20
Theoretical Thermal Load (PdesignC)	kW	12.40	14.00	15.40
Theoretical Thermal Load (Pdesignh)	kW	9.60	11.80	12.00
Theoretical Thermal Load (Pdesignh) mid-season	kW	10.70	11.80	12.70
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1 / 4.0 / 5.0	6.1 / 4.0 / 5.0	6.1 / 4.0 / 5.1
Energy Efficiency Class	-	A++ / A+ / A++	A++ / A+ / A++	A++ / A+ / A+++
Indicative annual energy consumption	kWh	711 / 3360 / 2996	803 / 4130 / 3304	884 / 4200 / 3486
EER/COP	W/W	3.40 / 3.66	2.72 / 3.69	2.82 / 3.38
Nominal current draw (Cooling)	A	16.0	8.3	9
Nominal power draw (Cooling)	W	3650	5150	5470
Nominal current draw (Heating)	A	16.2	6.7	8.6
Nominal power draw (Heating)	W	3680	4230	5330

OUTDOOR UNIT		38QUS042R8S	38QUS048R8T	38QUS060R8T
Operating Range (Cooling)	°C	-15~50	-15~50	-15~50
Operating Range (Heating)	°C	-15~24	-15~24	-15~24
Power supply	-	220~240V / 50Hz / 1Ph	380~415V / 50Hz / 3Ph	380~415V / 50Hz / 3Ph
Nominal current	A	22.5	11.2	14.0
Nominal power	W	4800	6200	7500
Quantity of refrigerant (R32)	kg	2.80 / 1,890	2.80 / 1,890	2.95 / 1,990
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5	5	5
Min. pipe length	m	3	3	3
Max. pipe length	m	65	65	65
Max. drop	m	30	30	30
Additional refrigerant load	g/m	24	24	24
Sound power level	dB(A)	72	75	77
Sound pressure level	dB(A)	65	66	66
Air flow	m³/h	3600	7500	7500
Weight (net/gross)	kg	73.9 / 78.9	107.0 / 120.0	112.0 / 125.0
Dimensions (LxWxH)	mm	946×410×810	952×415×1333	952×415×1333
Package (LxWxH)	mm	1090×500×885	1095×495×1480	1095×495×1480

INDOOR UNIT		42QSS042R8S	42QSS048R8S	42QSS060R8S
Nominal power	W	560	560	560
Max. nominal current	A	4.10	4.10	4.10
Sound power level	dB(A)	71	67	71
Sound pressure level (high/med/low)	dB(A)	54 / 51 / 49	51 / 50 / 48	54 / 52 / 50
Air flow (high/med/low)	m³/h	1871 / 1574 / 1047	2400 / 2040 / 1680	2600 / 2210 / 1820
External static pressure	Pa	0~160	0~160	0~160
Unit weight (net/gross)	kg	52.8 / 61.3	47.5 / 56.0	46.0 / 55.5
Unit dimensions (LxWxH)	mm	1200×874×300	1200×874×300	1200×874×300
Unit package (LxWxH)	mm	1405×915×365	1405×915×365	1405×915×365



COLUMN UNIT 42QFD/38QUS - R8T



- **Powerful air flow**, the unit is equipped with a powerful inverter motor and a centrifugal turbine with a diameter of 40 cm to obtain an air flow of up to 2300 m³/h. The wide air inlet and six large directional blades allow for an air flow of up to 12 m.
- **3D air flow**: Automatic horizontal and vertical exchanger for optimal distribution of air temperature and flow in the air-conditioned space.
- **‘Evitami’ [‘Avoid Me’] wind function**: This makes it possible to regulate the direction of the air flow to avoid direct cold or hot currents.
- **Refrigerant Leakage Detection**



Included
RG67N



Tri-phase

SYSTEM		48K column
Cooling Capacity	kW	14.60 (4.95~15.45)
Heating Capacity	kW	16.10 (4.40~18.50)
Heating Capacity to -7 °C	kW	13.40
Heating Capacity to -10 °C	kW	11.30
Heating Capacity to -15 °C	kW	10.00
Theoretical Thermal Load (PdesignC)	kW	14.60
Theoretical Thermal Load (Pdesignh)	kW	11.00
Theoretical Thermal Load (Pdesignh) mid-season	kW	11.80
SEER/SCOP (mid-season)/SCOP(warm season)	W/W	6.1/4.0/5.1
Energy Efficiency Class	-	A++ / A+ / A+++
Indicative annual energy consumption	kWh	838 / 3850 / 3240
EER/COP	W/W	2.81 / 3.10
Nominal current draw (Cooling)	A	8
Nominal power draw (Cooling)	W	5195
Nominal current draw (Heating)	A	8.5
Nominal power draw (Heating)	W	5200

OUTDOOR UNIT		38QUS048R8T
Operating Range (Cooling)	°C	-15~50
Operating Range (Heating)	°C	-15~24
Power supply	-	380~415V / 50Hz / 3Ph
Nominal current	A	11.2
Nominal power	W	6200
Quantity of refrigerant (R32)	kg	2.80/1,890
Liquid/Gas pipes	mm (inch)	Φ9.52 / Φ15.9 (3/8" / 5/8")
Standard pipe length	m	5
Min. pipe length	m	3
Max. pipe length	m	65
Max. drop	m	30
Additional refrigerant load	g/m	24
Sound power level	dB(A)	75
Sound pressure level	dB(A)	66
Air flow	m³/h	7500
Weight (net/gross)	kg	107.0 / 120.0
Dimensions (LxWxH)	mm	952×415×1333
Package (LxWxH)	mm	1095×495×1480

INDOOR UNIT		42QFD048R8S
Nominal power	W	210
Max. nominal current	A	1.77
Sound power level	dB(A)	66
Sound pressure level (high/med/low)	dB(A)	55 / 53 / 51.5
Air flow (high/med/low)	m³/h	2413 / 2222 / 2027
Unit weight (net/gross)	kg	58.4 / 77.1
Unit dimensions (LxWxH)	mm	456×629×1935
Unit package (LxWxH)	mm	575×750×2055

CONTROL AND ACCESSORY SYSTEMS



KJR-120G1

COMPATIBLE WITH **HI-WALL** MODELS, QHC-QHB-QHP

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



KJR-120G2

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

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



KJR-120X (non polarity) + transfer board

COMPATIBLE WITH **HI-WALL QHG AND LIGHT COMMERCIAL**

- Infrared signal receiver
- Included functions; weekly timer, childlock, on/off timer, weekly timer, backlight
- Rotation and back up
- Dual control
- Group control



KJR-120X2

COMPATIBLE WITH **HI-WALL QHG AND LIGHT COMMERCIAL**

- Infrared signal receiver
- Included functions; weekly timer, childlock, on/off timer, weekly timer, backlight



KJR-12B

COMPATIBLE WITH **CONSOLE MODELS**

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

CONTROL AND ACCESSORY SYSTEMS



CCM-30

- 24h Timer
- Emergency Start/Stop
- Control 64 IDU
- Error Check
- Back-lit display
- BMS Access
- Can control up to 64 indoor units, even on several systems



CCM-09

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



WIFI LIGHT COMMERCIAL

- Placed outside the indoorunit
- WiFi control with smartphone or I-pad
- APP suitable for both Android and iOS system
- All basic functions
- Senior functions such as weekly timer, customer sleep curve and self-check
- Dual-communication with wired controller is possible

TWIN APPLICATION: Y JOINT

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

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

INDOOR UNITS	18Kbtu + 18Kbtu	24Kbtu + 24Kbtu	30Kbtu + 30Kbtu
Under Ceiling (QZL)	YES	YES	NO
Cassette (QTD)	NO	YES	NO
DUCTED (QSS)	YES	YES	YES





TECHNICAL SUPPORT
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NOTES

NOTES



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