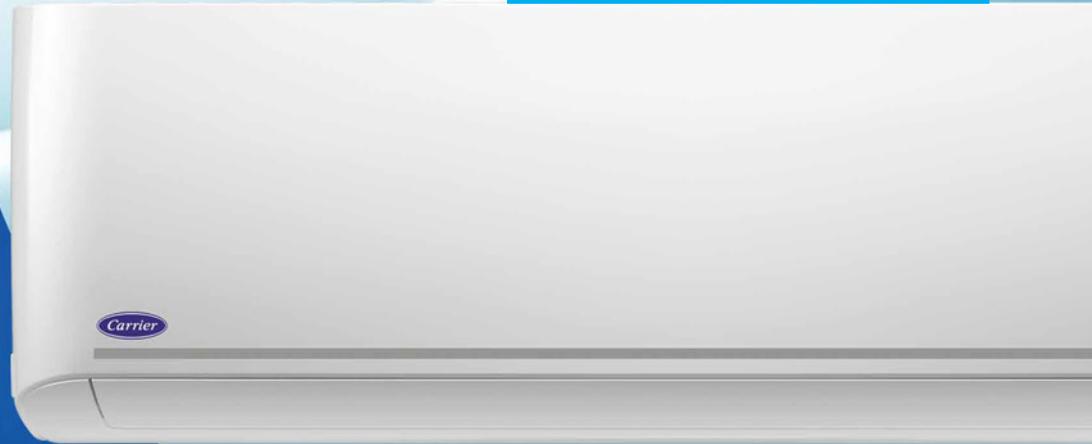


RESIDENTIAL PRODUCTS

CATALOGUE 2021 - 2022



Turn to the experts for

HOME COMFORT SOLUTIONS

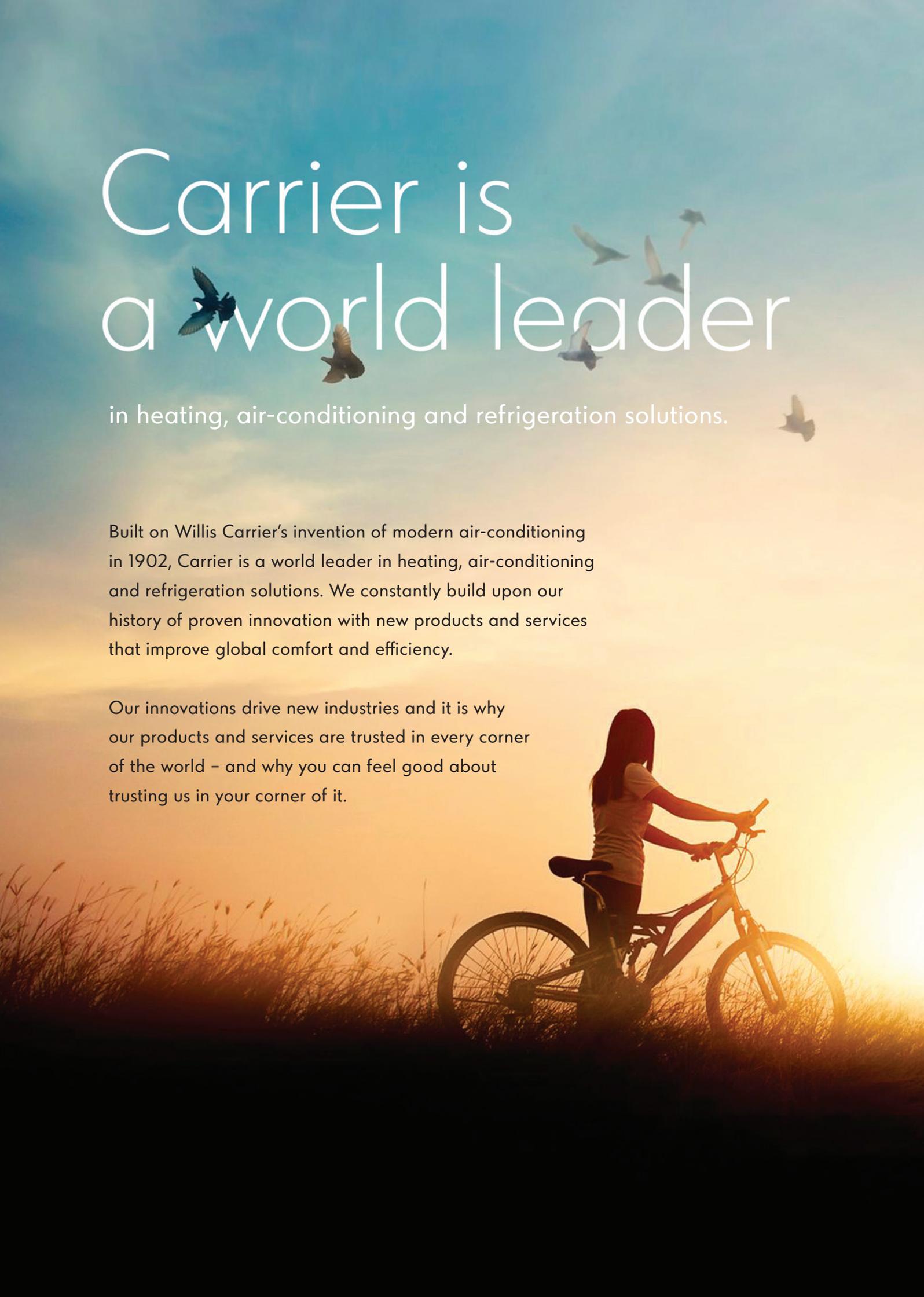


Turn to the experts

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Carrier is a world leader

A woman is riding a bicycle in a field of tall grass at sunset. The sun is low on the horizon, creating a warm, golden glow. Several birds are flying in the sky, scattered across the upper half of the image. The overall mood is peaceful and serene.

in heating, air-conditioning and refrigeration solutions.

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

Our innovations drive new industries and it is why our products and services are trusted in every corner of the world – and why you can feel good about trusting us in your corner of it.

THE INVENTION THAT CHANGED THE WORLD!

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

Today, Carrier's innovations are found across the globe and in virtually every facet of daily life.

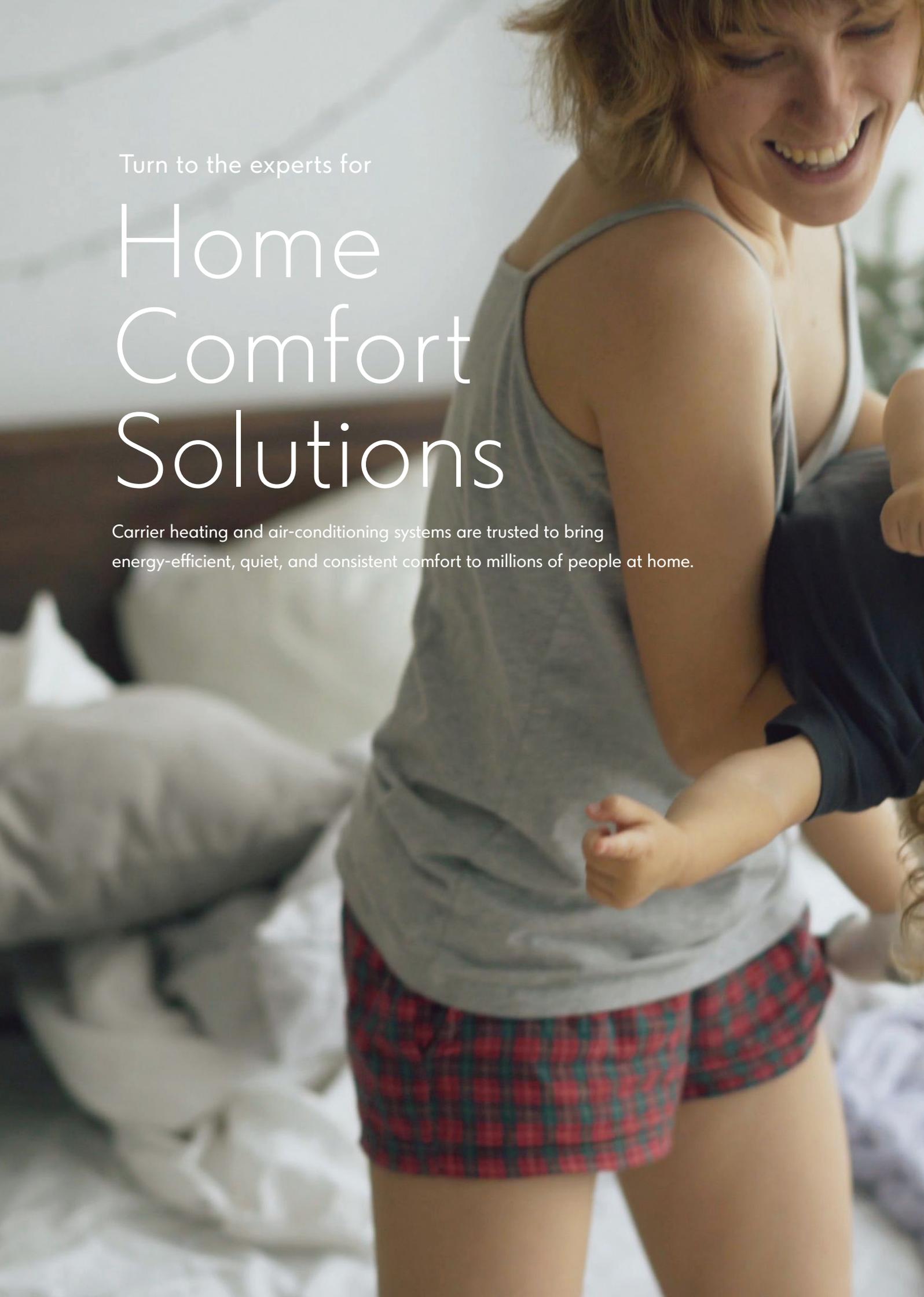
We create comfortable and productive environments, regardless of the climate. We safeguard the global food supply by preserving the quality and freshness of food and beverages.

We ensure health and well-being by enabling the proper transport and delivery of vital medical supplies under exacting conditions. We provide solutions, services and education to lead the green building movement.

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



Willis H. Carrier

A woman with curly hair, wearing a grey tank top and red and green plaid shorts, is smiling and holding a baby. The baby is wearing a dark blue long-sleeved shirt. They are in a bedroom with a bed and pillows in the background.

Turn to the experts for

Home Comfort Solutions

Carrier heating and air-conditioning systems are trusted to bring energy-efficient, quiet, and consistent comfort to millions of people at home.



GET COMFORTABLE WITH CARRIER RESIDENTIAL SYSTEMS

Life can be unpredictable. So when you're home, your sense of comfort and relaxation should be just how you want it to be. Carrier helps millions of people take control of home comfort with innovative solutions ranging from furnaces to central air-conditioners to air quality products.

QUIET CONSISTENCY AT HOME

Carrier home comfort solutions can provide consistent temperature, humidity and air quality from room to room, hour to hour and minute to minute. Our quiet systems will not disrupt your routine. That means no loud noises when the furnace or air-conditioning turns on and no worries about performance – just ideal comfort.

ENERGY-EFFICIENT HOME HEATING AND AIR-CONDITIONING

We equip your home with products that are as efficient as they are reliable. From furnaces and central air-conditioners to heat pumps and ductless systems, Carrier heating and cooling products are among the world's most energy efficient.

INDOOR AIR QUALITY

Clean air is a key component of a healthy home. That's why Carrier offers a wide range of air quality solutions, including humidifiers, ventilators, ultraviolet lamps, air filters and monitors. As part of your home heating and cooling solutions, they can help reduce or even eliminate many allergens and harmful air pollutants – from dust and pet dander to chemical fumes and mold. Plus, our Indoor Air Quality Experts are available to help you implement exactly the system you need to maintain a healthy, comfortable environment at home.

Carrier delivers

High efficiency and performance, certified by EUROVENT!

Carrier actively participates in developing Eurovent certifications to help establish standards and achieve global compatibility.

WHAT IS EUROVENT CERTIFICATION

EUROVENT is recognized as a world-class leader in the field of product performance ratings certification for Heating, Air-Conditioning & Ventilation products. Eurovent certification fulfills the requirements of the EN ISO/CEI17065:2012 standards and is recognized at an international level by the IAF (International Accreditation Forum).

Eurovent offers to consultants, energy engineering offices, architects, and product end-users the most comprehensive data base of certified products and guarantee transparency and commitment to the quality of products.

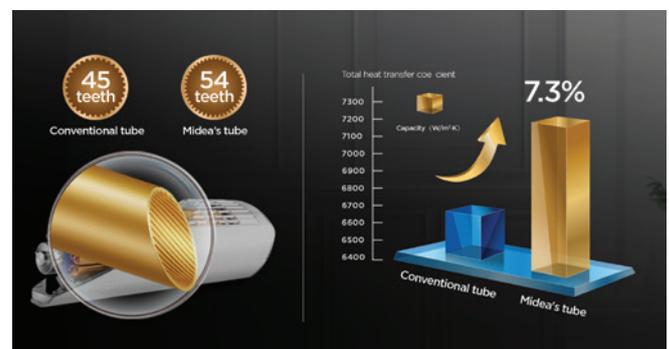
Eurovent target is to build up consumer confidence by leveling the competitive playing field for all manufacturers, and increase the integrity and accuracy of the industrial performance ratings.



Products that have been certified for their performance and efficiency by Eurovent will feature the Eurovent Certification logo.

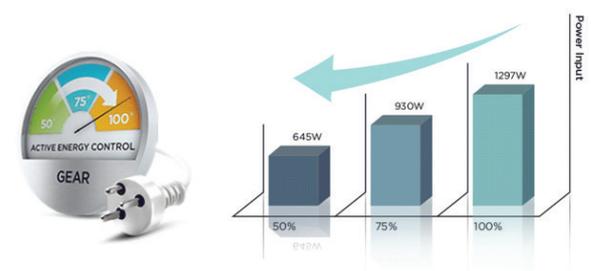
HIGH EFFICIENCY TUBE

Increase the number of inner groove teeth from 45 to 54, which enlarges the heat transfer area and increases heat transfer efficiency up by 7.3%.



GEAR OPERATION

Inverter air-conditioners offer three operating power options: 50%, 75%, and 100%. You can choose a lower power level to conserve energy.



ULTRA-HIGH ENERGY EFFICIENCY PRODUCTS

The leading energy efficiency compressor as core element of the technology.

Carrier air-conditioning units can provide heating and cooling in a wide range of operation from -15 to +46 °C without sacrificing efficiency.

Our units use ultra-quiet inverter compressors, equipped with 9 slots and 6 poles, operating at variable speeds and achieving precise temperature control, great with energy savings up to 70% and powerful dehumidification. The compressor speed modulates automatically, much like a car on cruise control, so the system isn't constantly running at maximum capacity and only draws energy when it's needed. The indoor and outdoor fans are also equipped with DC motors, further improving energy efficiency and money savings!



ENVIRONMENTAL FRIENDLY PRODUCTS

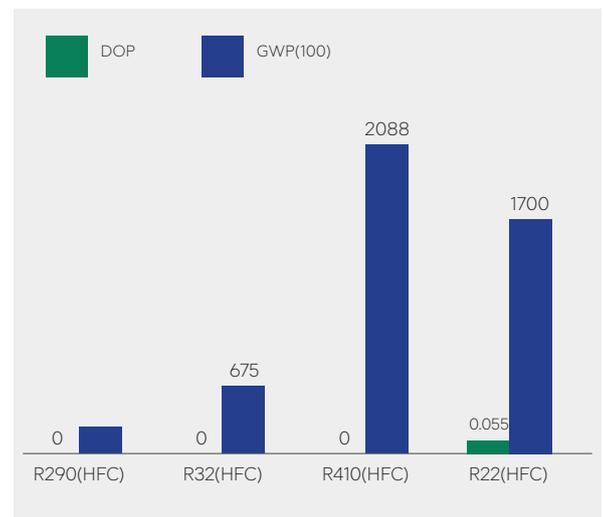
A **Refrigerant** is a fluid/gas/liquid that is employed in the Air-Conditioning systems and Refrigerators. Without refrigerant, Air-Conditioners, Refrigerators or any other freezing technology will not be possible. Looking for more environmental friendly refrigerants with low Global Warming Potential and zero impact on the ozone layer, the industry moved for the residential units to R-32 & R-290 refrigerants.

R290

R-290 is the new age environment-friendly and energy efficient refrigerant with the lowest impact on the environment. The Global warming potential of R-290 is 3 and has zero impact on the ozone layer. Preservation of the environment is a central tenet of Carrier's business as it recognizes the vital importance of maintaining a responsible balance between the comfort we create today and the world we live in tomorrow.

R32

R-32 refrigerant has GWP (Global warming potential) of 675 which is three times lower than R-410A (GWP 2088) and it is more energy efficient than R-410A.



Advanced Technology

WIDE-RANGE AMBIENT OPERATION FOR COOLING

Even at hot temperatures of up to 50°C, the INTELLICool can still provide optimal cooling to the room without any interruptions.

- **Fastest: air-outlet temperature** reaching 23°C within 40s
- **Coolest: air-outlet temperature** reaching 14°C within 90s
- **High frequency up to 120 Hz**



WIDE-RANGE AMBIENT OPERATION FOR HEATING

Our INTELLIHeat runs at 100% full output capacity to keep you warm even when the ambient temperature is -15°C.

- **Highest air-outlet temperature: 50°C**
- **Fastest air-outlet temperature:** reaching above 34.5°C within 60s
- **High frequency up to 120Hz**





FAST COOLING/HEATING

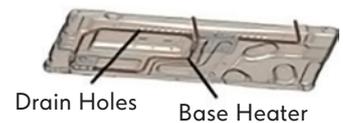
Like a runner sprinting to the line, this tech enables the compressor to achieve maximum frequency in split of the moment (65Hz within 6s) upon start up, providing you powerful cooling/heating once the air-conditioner is on.



BASE PAN HEATER

Carrier’s models are equipped with a base heater that prevents condensate from freezing. Base pan heater used to prevent ice formation and to promote water drainage after defrosting cycles in extreme low ambient temperatures.

Cultivated base design discharges melted water through many holes. Without a heater, freezing condensate can cause noise, damage to fan blade, condenser, and system performance.



GOLDEN FIN

The unique anticorrosive golden coating on the heat exchangers can withstand the salty air, rain and other corrosive elements. It also effectively prevents bacteria from breeding and improves heat efficiency. The Golden Fin have 5-layer precision structure features anti-corrosion, self-lubrication, and self-cleaning function for higher heat transfer efficiency.



OPTIMIZATION FAN BLADES

HIGH-EFFICIENCY FAN BLADES AND AIR DUCTS



The optimized air fan and ducts deliver the same airflow in with 30 percent less power thanks to the new design. It makes the XtremeSave an unbeatable choice for energy saving.

3D AIRFLOW

The directional air outlet moves automatically to direct air flow to every corner of the room and keep it thoroughly cool.



ADVANCED AIR QUALITY

INTELLIGENT DUSTING SWITCH



Apart from the bionic fan blades, the Welling DC motor itself can constantly rotate in reverse to get rid of the sand and dust from outside, ensuring that the AC is clean and free from dust.

**only for selective models*

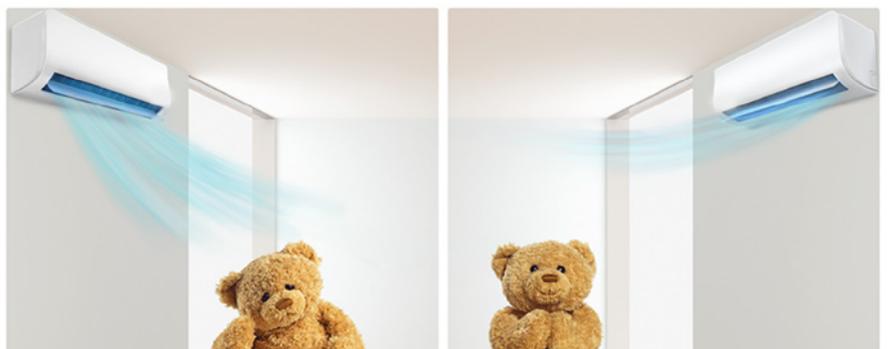
ACTIVE CLEAN

Active Clean Technology washes away dust, mold, and grease that may cause odors when it adheres to the heat exchanger by automatically freezing and then rapidly thawing the frost. Active clean operation is used to produce more condensed water to improve the cleaning effect. Preventing the growth of mold and keeping the inside clean. When this function is turned on, the indoor unit display window appears "CL", after 20 to 45 minutes, the unit will turn off automatically and cancel Active Clean function.



WIND AVOID ME

Avoid wind blowing directly on you, by using the remote to instantly adjust the wind direction.



AIR PURIFICATION

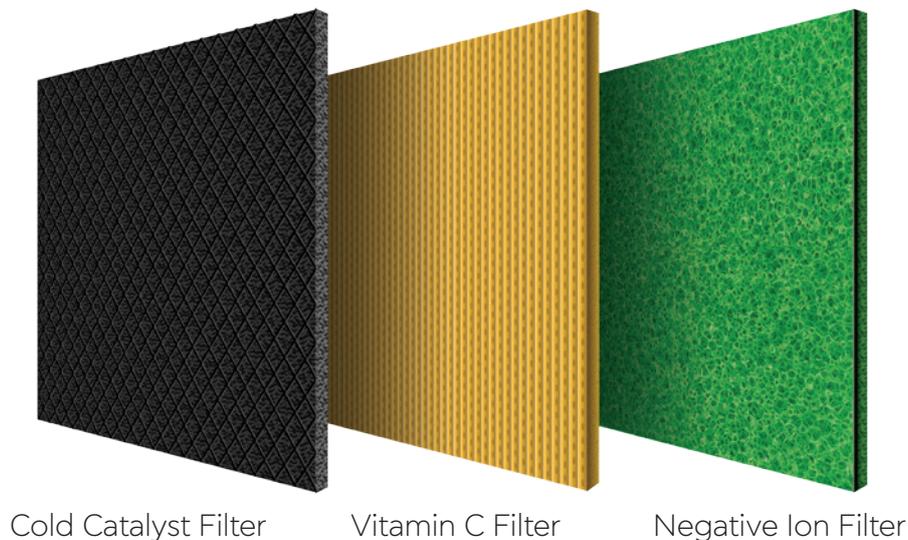
Smoke, dust, smog and other pollutants affect our indoor air quality and as a consequence affects our health, comfort and well-being. Indoor air quality (IAQ) is very important as experts estimate that indoor air pollution is two to five times worse than outdoor pollution. Carrier incorporates the most advanced filtration system to absorb and control common indoor pollutants.

PRE-FILTER

The pre-filter withholds the largest dust particles suspended in the air, removing them from the air flow before they get in the air-conditioning unit. It covers the air intake and thus helps keeping the unit and the coil clean from dirt and debris, providing better air quality. The pre-filter can be removed and cleaned with soap-water without losing its effectiveness.

TRIPLE ACTION FILTER

The Carrier air-conditioning units with Triple Action filter provide better air quality by combining the positive effects of three different filters. The air first goes through the pre-filter that will capture large particles, dust & pet hair. The Negative Ion filter releases negative ions that revitalize the air. The Vitamin C filter has beneficial effects on your skin's strength and elasticity. The Cold Catalyst filter absorbs smaller particles, pollen, and has a deodorizing effect, offering a refreshing indoor environment.



COLD CATALYST FILTER

This filter has a deodorizing effect and helps removing volatile organic compounds (VOCs) and odors. The cold catalyst filter does not lose its effectiveness during time and you can clean it easily with running water.

NEGATIVE ION FILTER (IONIZER)

The Negative Ion filter releases negative ions, offering a fresher, revitalizing indoor atmosphere.

VITAMIN C FILTER

Vitamin C, with its antioxidant effect, is beneficial for skin health due to its significant role in collagen synthesis which is responsible for skin strength and elasticity. The Vitamin C filter provides several benefits, it improves skin hydration and skin color-tone and it protects the skin from photo-damage and wrinkling.



Maximize your comfort & save energy!

All Carrier units can be controlled remotely through Wi-Fi with an easy to use mobile app. Wi-Fi control allows you to turn on & off the unit, select temperature or schedule operation anytime and anywhere.



Now you are able to enjoy a comfortable environment from the moment you arrive at home.

Moreover, you can take care of your beloved ones during your absence by creating a comfortable environment for them through your mobile device.

The application allows you to control all your units independently.

You can even name each unit so that you know easily the room you control each time.

The application is ideal also for hotels as the hotel administrator can easily control the needed comfort in all rooms at any time.

In applications such as hotel buildings, the reception desk can activate, control, and deactivate each unit in every room depending on the occupancy.

They can warm up or cool down the room before hotel guests arrive, and ensure the units are switched off when the room is unoccupied saving valuable energy consumption.

The app is available for Android and iOS mobile devices.



KEY CHARACTERISTICS

When selecting an air-conditioner for your home, you have an array of choices.

With more than a century of expertise in indoor air environments, Carrier has developed solutions for every need & budget from a single air-conditioner to an entire Carrier multi system.

Carrier products conform to the highest quality standards and maximize comfort with functions and features especially designed to cover all your needs.

AIR QUALITY



PRE-FILTER

The pre-filter withholds the largest dust particles suspending in the air, removing them from the air flow before they enter the air-conditioning unit. It covers the air intake and thus helps keeping the unit and the coil clean from dirt and debris, providing better air quality. The pre-filter can be removed and cleaned with soap-water without losing its effectiveness.



TRIPLE ACTION FILTER

As the air enters the unit, it goes through the pre-filter which captures dust and the largest particles in suspension in the atmosphere. The Cold Catalyst filter absorbs smaller particles and pollen and have a deodorizing effect, providing fresh, high quality air!



COLD CATALYST FILTER

This filter has a deodorizing effect and helps removing volatile organic compounds (VOCs) and odors. The cold catalyst filter does not lose its effectiveness during time and you can clean it easily with running water.



VITAMIN C FILTER

Vitamin C, with its antioxidant effect, is beneficial for skin health due to its significant role in collagen synthesis which is responsible for skin strength and elasticity. The Vitamin C filter provides several benefits, it improves skin hydration and skin color-tone and it protects the skin from photo-damage and wrinkling.



NEGATIVE ION FILTER (IONIZER)

The Negative Ion filter releases negative ions, offering a fresher, revitalizing indoor atmosphere.

ENERGY SAVING



3D DC INVERTER

The indoor unit is equipped with a DC inverter fan motor. The outdoor unit is also equipped with DC inverter technology compressor and fan motor. With 3 DC inverter motors the unit achieves maximum performance and energy efficiency.



ECO-MODE

By enabling ECO mode in cooling operation you can save up to 60% more energy compared to normal mode. The unit will automatically adjust both the internal fan speed and compressor rotation to provide you the same comfort with minimum power consumption. The function will be automatically disabled after 8 hours of operation. In ECO mode, the selected cooling temperature can be between 24 – 30 °C.



SLEEP MODE

This mode saves energy and improves night time comfort. The set temperature will increase by 1°C per hour in cooling mode or decrease by 1°C per hour in heating mode, for the first 2 hours of operation. Thereafter the unit will retain the new temperature for 5 hours after which it will switch off automatically!



ELECTRONIC EXPANSION VALVE

The EEV controls the refrigerant flow more effectively and improves compressor's operating conditions, increases its efficiency and decreases power consumption.



1W STANDBY

The unit consumes less than 1W in standby mode. Intelligent on-off technology allows the unit to automatically enter energy saving mode when in standby.



INTELLIGENT ON-OFF TECHNOLOGY

Intelligent on-off technology enables the unit to automatically enter energy-saving mode when on standby mode.

COMFORT



WI-FI ACTIVE

You can remotely control your AC from anywhere. This functionality does not require any additional equipment.



WI-FI READY

Allows you to control the unit remotely, via internet, after installing the optional wifi stick.



AUTO-SWING

You can select the louvers to move automatically or choose the exact air flow direction using the remote control, as the unit is equipped with motorized air-louvers.



8°C HEATING FUNCTION

You can activate this function through the remote control, so that the air-condition automatically starts heating mode when it detects temperature below 8°C, to prevent the room from freezing when it is unoccupied for a long period in severe cold weather.



FOLLOW ME MODE

A temperature sensor built in the remote controller will sense its surrounding temperature. The unit can adjust room temperature more accurately to the area you place the remote controller, to give you greater comfort.



ACTIVE CLEAN

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



TURBO MODE

This function will be helpful to cool or heat your room quickly and effectively by operating at the maximum fan speed for 30 minutes.



COMFORT HUMIDITY

With smart sensor technology, not only detect the temperature but also detect humidity level of the room. Through smart APP, you can customize your most comfortable humidity level, applicable from 30%-90%.



REMOTE CONTROL LOCKING

With the ability to lock the remote control, you can ensure that the desired settings will not be changed accidentally or by a child.



TIMER

You can program the unit to operate during specific hours, in the desired mode and temperature settings.



MEMORIZATION

The unit memorizes the last desired mode, temperature and position of the louvers for the next startup.



REMOTE CONTROL BRIGHT SCREEN

The remote control has a backlit LCD display for easier reading.



SILENT MODE

Indoor fan will run at super quiet mode, achieving extremely low noise levels.



INTELLIGENT EYE

The unit detects the human movement intelligently by built in infrared sensor and operates automatically which is more energy saving and humanistic.

RELIABILITY



EUROVENT CERTIFICATION

Eurovent Certification certifies the performance ratings of the air-condition unit according to European and international standards.



ELECTRICAL VOLTAGE PROTECTION

The unit is designed to operate when the voltage is less than or greater of 230 Volts. Specifically, the air-conditioner can be operated at a voltage of 168 to 264V, thus providing protection against fluctuations in the electricity voltage in these limits.



LOW AMBIENT

With the build-in low ambient kit and the special designed PCB, the outdoor fan speed can adjust automatically according to condensation temperature. The air-conditioner can run cooling operation even when the outdoor ambient temperature is down to -15°C.



SELF-DIAGNOSIS & AUTO-PROTECTION

The unit will detect abnormal operation or malfunctions and will shut down automatically to prevent any further issues. At the same time, it will indicate an error code for faster service.



AUTO-DEFROSTING

This function will protect the outdoor unit and evaporator from ice and will maintain dehumidifying effect under extremely low ambient temperature.



OVERFLOW PROTECTION

When the condensate tank gets full, the unit will stop automatically.



AUTOMATIC RESTART

The unit restarts automatically after a power failure, keeping all previous settings.



GOLDEN FIN

Unique anticorrosive golden coating on the heat exchangers can withstand the salty air, rain and other corrosive elements. It also effectively prevents bacteria from breeding and improves heat efficiency.



GREEN FIN

Makes the unit 5 times more resistant to the harshest of environments such as coastal areas or during acid rain. At the same time it helps lubricate and clean the heat exchanger, resulting to a higher level of reliability and a longer lifespan. Finally, this coating also prevents the formulation of bacteria, improves heat transfer and the overall performance of the device.



BASE PAN HEATER

Used to prevent ice formation and to promote water drainage after defrosting cycles in extreme low ambient temperatures.



REFRIGERANT LEAKAGE PROTECTION

This function protect compressor from being damaged by high temperature due to refrigerant leakage. Indoor unit will show error code "EC" and stop automatically when refrigerant leakage is detected.



WIND AVOID ME

Avoid wind blowing directly on you by using the remote to instantly adjust the wind direction.



Turn to the experts

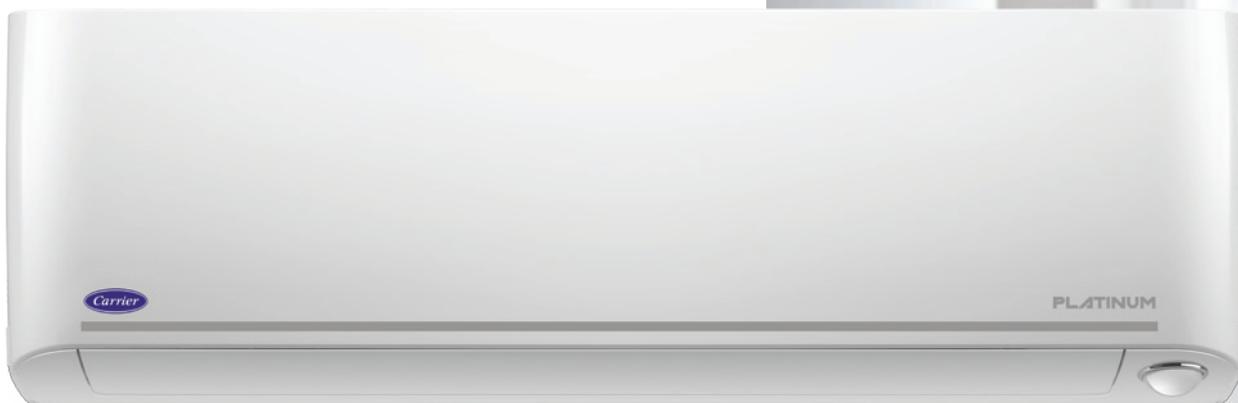
Single Split Systems

HOME HEATING AND COOLING EXPERTISE



INVERTER HI-WALL

PLATINUM



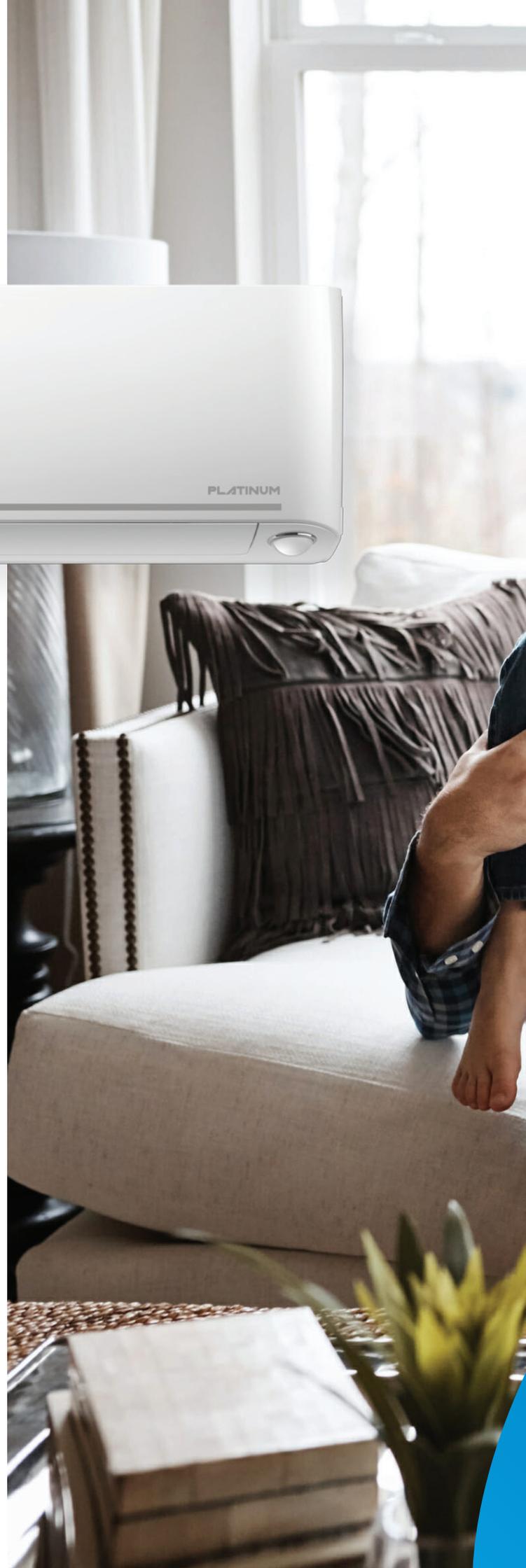
Intelligent Eye



Comfort Humidity



Auto Photosensitive Display





**Powerful heating
even in -25°C
extreme weather**

INVERTER HI-WALL PLATINUM



Withstanding the most extreme weather conditions, by utilizing our advanced inverter technology, the PLATINUM series allows you to enjoy the most enhanced comfort levels.

We provide you consistent comfort and precise temperature control for creating the ideal climate that meets your needs. During winter feel the warm air reaching down to your toes, even at extreme temperatures as low as -25°C and in summer a feeling of spring is spread in every corner of the room.

Created by pairing adaptable-speed technology with intelligence. The unique, variable-speed compressor of this unit allows it to literally adapt its output to the needs of your home.

FEATURES

-  Wi-Fi Active
-  Golden Fin
-  Remote Control Bright Screen
-  Cold Catalyst Filter
-  Vitamin C Filter
-  Negative Ion Filter (Ionizer)
-  Follow Me
-  Sleep Mode
-  ECO
-  Turbo
-  Louver Function/ Horizontally
-  Timer
-  Dry Mode
-  Quiet Mode
-  Self Clean
-  Auto Diagnosis & Self Protection
-  Auto Defrosting
-  Auto Restart
-  Electrical Voltage Protection
-  Low Ambient
-  Memorize
-  Remote Control Locking
-  Refrigerant Leakage Detection
-  1W Stand By

TECHNICAL CHARACTERISTICS

SYSTEM

Cooling capacity

Heating capacity

Heating capacity at -7°C

Heating capacity at -10°C

Heating capacity at -15°C

Heating capacity at -20°C

Heating capacity at -25°C

Temp range cooling

Temp range heating

SEER / SCOP (warmer) / SCOP (average) / SCOP (cold)

Energy label

Yearly energy consumption

Standard current (cooling)

Standard input (cooling)

Standard current (heating)

Standard input (heating)

Refrigerant amount

Liquid side / Gas side

Standard piping length

Min piping length

Max piping length

Max difference

Additional charge

Voltage, Hz

38QHP/42QHP09E8S

38QHP/42QHP12E8S

kW	2.64 (1.0-4.1)	3.52 (1.0-4.7)
BTU/h	9.015 (3.414 - 13.990)	12.015 (3.414 - 16.035)
kW	4.20 (0.8-5.1)	4.20 (0.8-6.3)
BTU/h	14.340 (2.730 - 17.400)	14.340 (2.730 - 21.495)
kW	3,8	4,2
kW	3,6	4,1
kW	3,5	3,8
kW	2,9	3,1
kW	2,7	3
°C	-25-46	-25-46
°C	-25-24	-25-24
W/W	9.3 / 6.2 / 5.2 / 4.2	9.0 / 6.2 / 5.2 / 4.2
	A+++ / A+++ / A+++ / A+	A+++ / A+++ / A+++ / A+
kWh	100 / 700 / 647 / 1266	137 / 700 / 647 / 1266
A	3,1	3,7
W	510	800
A	4	4
W	890	890
kg	0,87	0,87
	1/4" - 3/8"	1/4" - 3/8"
m	5	5
m	3	3
m	25	25
m	10	10
g/m	12	12
	220-240V-, 50/60Hz	220-240V-, 50/60Hz

INDOOR UNIT

42QHP09E8S

42QHP12E8S

Sound power level

Sound pressure level (high/med/low/silence)

Air flow (high/med/low/silence)

Weight (net/gross)

Dimensions (WxDxH)

dB(A)	60	60
dB(A)	41/38/26/21	42/39/28/22
m ³ /h	540/460/340/190	570/490/360/210
kg	13	13
mm	895×248×298	895×248×298

OUTDOOR UNIT

38QHP09E8S

38QHP12E8S

Sound power level

Sound pressure level

Air flow

Weight (net/gross)

Dimensions (WxDxH)

dB(A)	61	63
dB(A)	58	58
m ³ /h	2000	2000
kg	36.5	36.5
mm	800×333×554	800×333×554

Notes:

- Sound data @ cooling mode
- -7°C/-10°C/-15°C/-20°C/-25°C heating @ free frequency

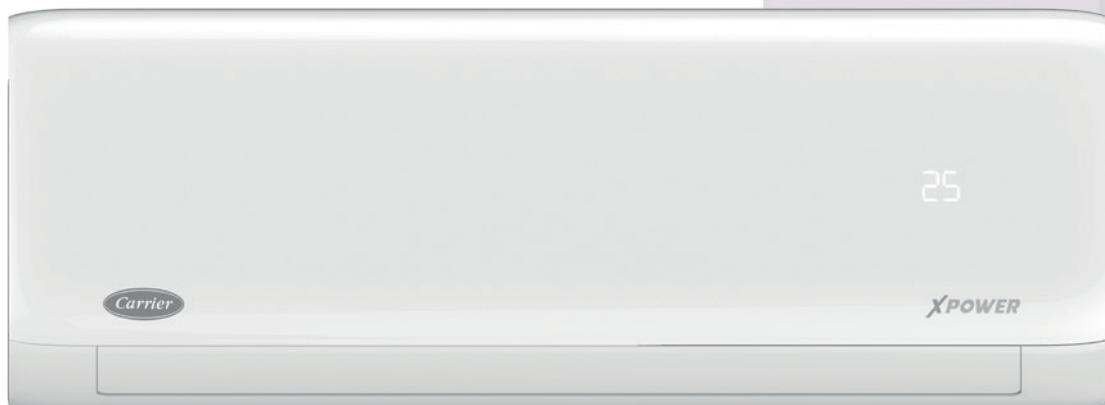
* Preliminary Data



Turn to the experts

INVERTER HI-WALL

XPOWER



Wide Range Ambient Operation
for Cooling/Heating (+50°/-15°C)



Base Pan Heater



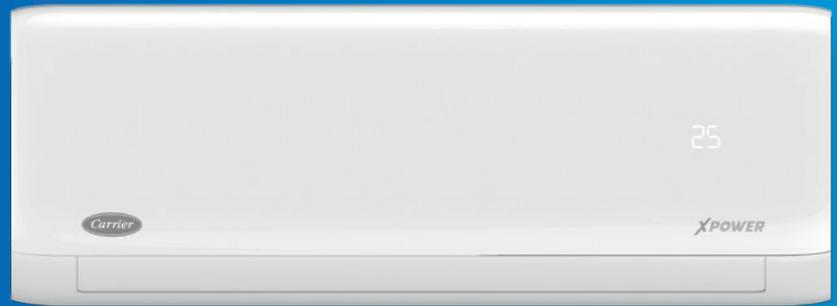
X-ECO Mode
as little as 1.2kWh per night(9K)





**Leads
air-conditioner
into a new era**

INVERTER HI-WALL **XPOWER**



XPOWER allows you to customize your home’s indoor environment and make smarter decisions on energy management.

Connected, intelligent, and efficient, the industry leading XPOWER range gives you maximum control and unsurpassed comfort by helping minimize temperature swings and hot and cold spots within your home, while saving you money on energy costs.

It is the ultimate expression of our expertise and innovation—designed to give you the ideal indoor environment with the least amount of effort. Created with you and your family in mind—it is simple to operate, energy efficient, and quiet.

FEATURES

-  Wi-Fi Active
-  Golden Fin
-  Gear Operation
-  Fan Blades
-  9 Grades of Outdoor Fan Speed
-  Base Pan Heater
-  Low Ambient Cooling/Heating
-  Pre Filter
-  Cold Catalyst Filter
-  Vitamin C Filter
-  Negative Ion Filter (Ionizer)
-  Follow Me
-  Sleep Mode
-  ECO
-  Turbo
-  Wind Avoid Me (Breeze Away)
-  Timer
-  Dry Mode
-  Quiet Mode
-  Active Clean
-  Auto Diagnosis & Self Protection
-  Auto Defrosting
-  Auto Restart
-  Electrical Voltage Protection
-  Memorize
-  Remote Control Locking
-  Refrigerant Leakage Detection
-  1W Stand By

TECHNICAL CHARACTERISTICS

SYSTEM

Cooling capacity

Heating capacity

Heating capacity at -7°C

Heating capacity at -15°C

Heating capacity at -20°C

Temp range cooling

Temp range heating

SEER / SCOP (warmer) / SCOP (average)

Energy label

Yearly energy consumption

Standard current (cooling)

Standard input (cooling)

Standard current (heating)

Standard input (heating)

Refrigerant amount

Liquid side / Gas side

Standard piping length

Min piping length

Max piping length

Max difference

Additional charge

Voltage, Hz

38QHG009D8SHA/42QHG009D8SH

38QHG012D8SHA/42QHG012D8SH

kW	2.64 (1.03-3.22)	3.50(1.38-4.31)
BTU/h	9.015 (3.414 - 13.990)	11.950 (3.414 - 16.035)
kW	2.90 (0.82-3.37)	3.90(1.07-4.38)
BTU/h	9.900 (2.730 - 17.400)	13.315 (2.730 - 21.495)
kW	2,50	2,50
kW	2,00	2,00
kW	1,60	1,60
°C	-15-50	-15-50
°C	-15-24	-15-24
W/W	8.8 / 6.0 / 4.6	8.5 / 6.0 / 4.6
	A+++ / A+++ / A++	A+++ / A+++ / A++
kWh	105 / 630 / 730	144 / 723 / 791
A	2,75	4,25
W	630	970
A	2,85	4,35
W	650	1000
kg	0,62	0,62
	1/4" - 3/8"	1/4" - 3/8"
m	5	5
m	3	3
m	25	25
m	10	10
g/m	12	12
	220-240V-, 50/60Hz	220-240V-, 50/60Hz

INDOOR UNIT

42QHG009D8SH

42QHG012D8SH

Sound power level

Sound pressure level (Max. - Min.)

Air flow (Max. - Min.)

Weight

Dimensions (WxDxH)

dB(A)	55	56
dB(A)	19-37	21-39
m ³ /h	160-560	170-630
kg	8.7	8.7
mm	835×208×295	835×208×295

OUTDOOR UNIT

38QHG009D8SHA

38QHG012D8SHA

Sound power level

Sound pressure level

Air flow

Notes:
 • Sound data @ cooling mode
 • -7°C/-15°C/-20°C heating @ free frequency

Weight

Dimensions (WxDxH)

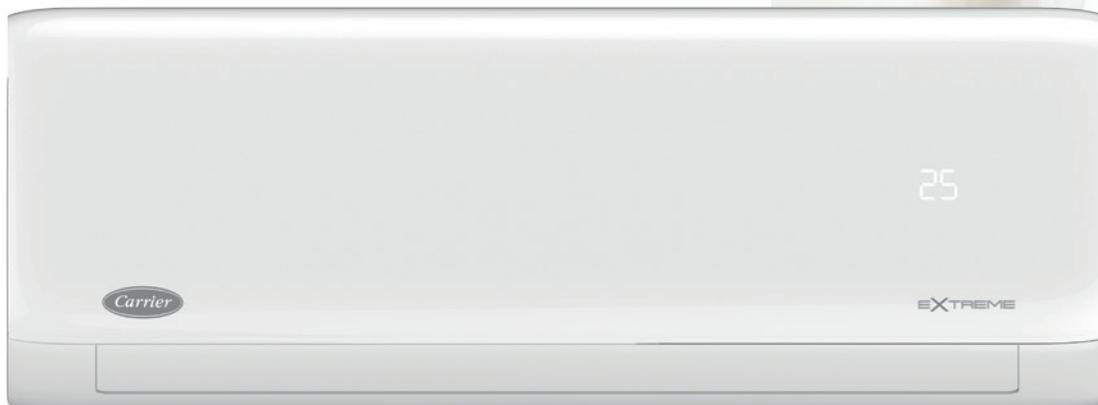
dB(A)	59	62
dB(A)	54	54,5
	2150	2200 * Preliminary Data
	26.7/29.1	26.7/29.1
	765×303×555	765×303×555



Turn to the experts

INVERTER HI-WALL

EXTREME



Gear Operation



Green Fin*



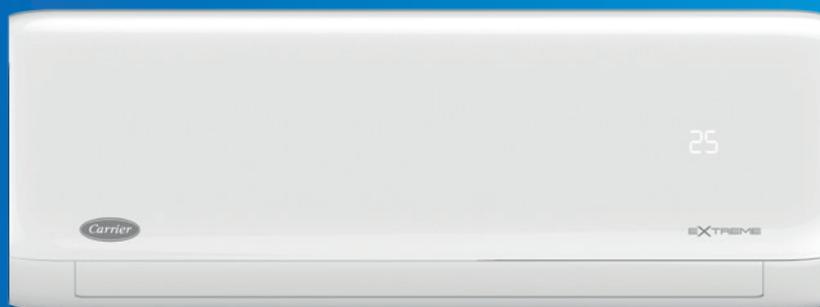
1% - 100% Stepless Comfort

*sizes 9 & 12



**Superior
performance**

INVERTER HI-WALL EXTREME



Are you truly comfortable in your home?

EXTREME series came to help you create your ideal indoor comfort even in extreme outdoor conditions.

It offers superior energy efficiency, quiet performance, and ability to control it from anywhere.

At Carrier, we have been perfecting home comfort for decades, by designing innovative technologies for efficient, quiet, and reliable systems that offer unparalleled control over your indoor environment.

FEATURES

- | | | | |
|---|-------------------------------|---|----------------------------------|
|  | Wi-Fi Active |  | Turbo |
|  | Golden Fin |  | Wind Avoid Me (Breeze Away) |
|  | Green Fin (at sizes 9 & 12) |  | Timer |
|  | Gear Operation |  | Dry Mode |
|  | Fan Blades |  | Quiet Mode |
|  | 9 Grades of Outdoor Fan Speed |  | Active Clean |
|  | Base Pan Heater |  | Auto Diagnosis & Self Protection |
|  | Low Ambient Heating/Cooling |  | Auto Defrosting |
|  | Pre Filter |  | Auto Restart |
|  | Cold Catalyst Filter |  | Electrical Voltage Protection |
|  | Vitamin C Filter |  | Memorize |
|  | Negative Ion Filter (Ionizer) |  | Remote Control Locking |
|  | Follow Me |  | Refrigerant Leakage Detection |
|  | Sleep Mode |  | 1W Stand By |
|  | ECO |  | Intelligent Dusting Switch |

TECHNICAL CHARACTERISTICS

SYSTEM		38QHG/42QHG009D8SX	38QHG/42QHG012D8SX	38QHG/42QHG018D8SX	38QHG/42QHG024D8SX
Cooling capacity	kW	2.75 (1.0-3.2)	3.65 (1.4-4.3)	5.28 (2.4-6.1)	7.04 (2.1-8.2)
	BTU/h	9.390 (3.414 - 10.925)	12.461 (4.780 - 16.680)	18.025 (8.195 - 20.825)	24.035 (7.170 - 27.995)
Heating capacity	kW	2.90 (0.8-3.4)	3.90 (1.1-4.4)	5.70 (2.1-6.7)	7.50 (1.5-8.2)
	BTU/h	9.900 (2.731 - 11.610)	13.315 (3.755 - 15.022)	19.460 (7.170 - 22.875)	25.605 (5.121 - 27.995)
Heating capacity at -7°C	kW	2,50	2,70	4,30	5,80
Heating capacity at -15°C	kW	2,00	2,10	3,50	5,50
Heating capacity at -20°C	kW	1,65	1,70	2,50	4,50
Temp range cooling	°C	-15-50	-15-50	-15-50	-15-50
Temp range heating	°C	-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	6.5 / 5.1 / 4.0
Energy label		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	379 / 1757 / 1820
Standard current (cooling)	A	3,50	5,00	6,80	10,90
Standard input (cooling)	W	765	1130	1550	2500
Standard current (heating)	A	3,40	4,60	7,40	9,60
Standard input (heating)	W	760	1050	1700	2200
Refrigerant amount	kg	0,60	0,65	1,10	1,45
Liquid side / Gas side		1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
Standard piping length	m	5	5	5	5
Min piping length	m	3	3	3	3
Max piping length	m	25	25	30	30
Max difference	m	10	10	20	20
Additional charge	g/m	12	12	12	24
Voltage, Hz		220-240V-, 50/60Hz	220-240V-, 50/60Hz	220-240V-, 50/60Hz	220-240V-, 50/60Hz

INDOOR UNIT		42QHG009D8SX	42QHG012D8SX	42QHG018D8SX	42QHG024D8SX
Sound power level	dB(A)	56	56	58	63
Sound pressure level (Max. - Min.)	dB(A)	37/32/28/20	37/32/28/20	41/35/28/21	47/41/35/22
Air flow (Max. - Min.)	m³/h	460/330/260/180	530/400/350/195	800/600/500/300	1090/770/610/480
Weight	kg	8.0	8.7	11.2	13.6
Dimensions (W×D×H)	mm	726×210×291	835×208×295	969×241×320	1083×244×336

OUTDOOR UNIT		38QHG009D8SX	38QHG012D8SX	38QHG018D8SX	38QHG024D8SX
Sound power level	dB(A)	63	64	65	69
Sound pressure level	dB(A)	55,5	56	57	60
Airflow	m³/h	1750	1800	2100	3500
Weight	kg	23.5	23.7	33.5	43.9
Dimensions (W×D×H)	mm	720×270×495	720×270×495	805×330×554	890×342×673

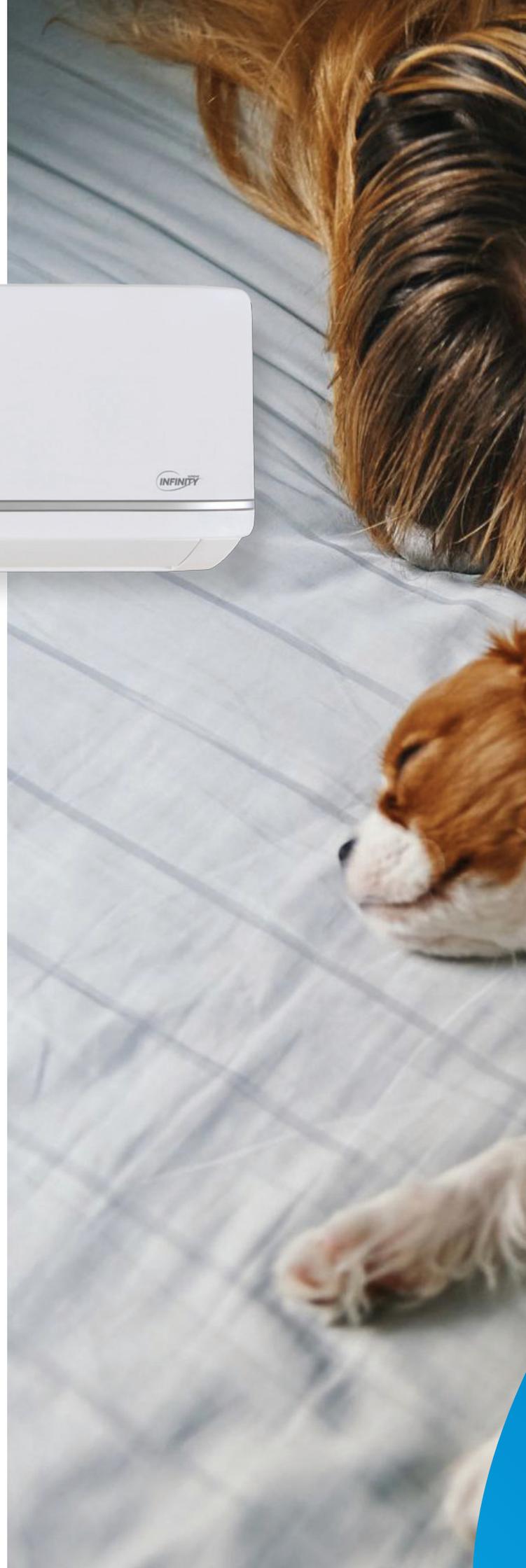
- Notes:
- Sound data @ cooling mode
 - -7°C/-15°C/-20°C heating @ free frequency

* Preliminary Data



Turn to the experts

INVERTER HI-WALL



Golden Fin Protection



Super Quiet



Wide Range Voltage Operation



**Keep calm &
stay comfortable**

INVERTER HI-WALL



Even when the air reaches the perfect levels of temperature and humidity, the noise of the air-conditioning can destroy your comfort.

Our new INFINITY SUPREME series designed with innovative technologies can help you solve noise issues with features, in the indoor & outdoor unit, that isolate sounds and vibrations. These features ensure that unit runs quieter and smoother, while delivering energy-efficient performance.

Moreover, the INFINITY SUPREME offers precise temperature control and consistent comfort through the “follow me” function in the remote control.

FEATURES

- | | | | |
|---|-------------------------------|---|----------------------------------|
|  | Wi-Fi Active |  | Dry Mode |
|  | Golden Fin |  | Quiet Mode |
|  | Remote Control Bright Screen |  | Self Clean |
|  | Cold Catalyst Filter |  | Auto Diagnosis & Self Protection |
|  | Vitamin C Filter |  | Auto Defrosting |
|  | Negative Ion Filter (Ionizer) |  | Auto Restart |
|  | Follow Me |  | Electrical Voltage Protection |
|  | Sleep Mode |  | Low Ambient |
|  | ECO |  | Memorize |
|  | Turbo |  | Remote Control Locking |
|  | Louver Function/ Horizontally |  | Refrigerant Leakage Detection |
|  | Timer |  | 1W Stand By |

TECHNICAL CHARACTERISTICS

OUTDOOR UNIT

		38QHG009D8SN / 42QHB009D8SN	38QHG012D8SN / 42QHB012D8SN	38QHG018D8SN / 42QHB018D8SN	38QHG024D8SN / 42QHB024D8SN
Cool capacity	kW	2.70 (0.9-3.4)	3.50 (1.1-4.2)	5.30 (3.4-5.9)	7.20 (3.7-8.8)
	BTU/h	9.220 (3.075 - 11.610)	11.950 (3.755 - 14.340)	18.090 (11.610 - 20.145)	24.580 (12.630 - 30.045)
Heating capacity	kW	3.08 (0.8-3.4)	3.80 (1.1-4.2)	5.40 (3.1-5.8)	7.50 (3.5-9.4)
	BTU/h	10.515 (2.730 - 11.610)	12.975 (3.755 - 14.340)	18.435 (10.585 - 19.800)	25.605 (11.950 - 32.091)
Heating capacity at -7°C	kW	2,5	3,0	4,7	7,2
Heating capacity at -15°C	kW	2,0	2,4	3,6	5,8
Heating capacity at -20°C	kW	1,5	1,9	2,9	4,8
Temp range cooling	°C	-15-50	-15-50	-15-50	-15-50
Temp range heating	°C	-15-24	-15-24	-15-24	-15-24
SEER / SCOP(warmer) / SCOP (avg.)	W/W	6.9 / 5.3 / 4.1	7.0 / 5.4 / 4.0	7.0 / 5.1 / 4.0	6.5 / 5.1 / 4.0
Energy label		A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+
Yearly energy consumption	kWh	137 / 660 / 922	175 / 648 / 1015	265 / 1318 / 1435	388 / 1537 / 1715
Standard current (cooling)	A	3,30	5,10	6,80	10,30
Standard input (cooling)	W	740	1160	1560	2600
Standard current (heating)	A	3,50	4,80	6,50	9,70
Standard input (heating)	W	780	1080	1450	2270
Refrigerant amount	kg	0,55	0,55	1,10	1,45
Liquid side/Gas side		1/4"- 3/8"	1/4"- 3/8"	1/4"- 1/2"	3/8"- 5/8"
Standard piping length	m	5	5	5	5
Min piping length	m	3	3	3	3
Max piping length	m	25	25	30	40
Max difference	m	10	10	20	20
Additional charge	g/m	12	12	12	24
Voltage, Hz		220-240V-, 50Hz, 1Ph	220-240V-, 50Hz, 1Ph	220-240V-, 50Hz, 1Ph	220-240V-, 50Hz, 1Ph

INDOOR UNIT

		42QHB009D8SN	42QHB012D8SN	42QHB018D8SN	42QHB024D8SN
Sound power level	dB(A)	56	56	60	65
Sound pressure level (high/med/low/silence)	dB(A)	38/31/23/20	39/32/26/23	43/33.5/28/22	47/41.5/30.5/25
Air flow (high/med/low/silence)	m3/h	420/310/230/150	585/480/395/200	730/500/420/330	1020/830/640/450
Weight	kg	7.3	8.6	10.9	13.7
Dimensions (W×D×H)	mm	722×187×290	802×189×297	965×215×319	1080×226×335

OUTDOOR UNIT

		38QHG009D8SN	38QHG012D8SN	38QHG018D8SN	38QHG024D8SN
Sound power level	dB(A)	63	63	65	68
Sound pressure level	dB(A)	55.5	56	57	60
Airflow	m3/h	1750	1800	2100	3500
Weight	kg	23.2	23.2	33.5	43.9
Dimensions (W×D×H)	mm	720×270×495	720×270×495	805×330×554	890×342×673

- Notes:
- Sound data @ cooling mode
 - -7°C/-15°C/-20°C heating @ free frequency

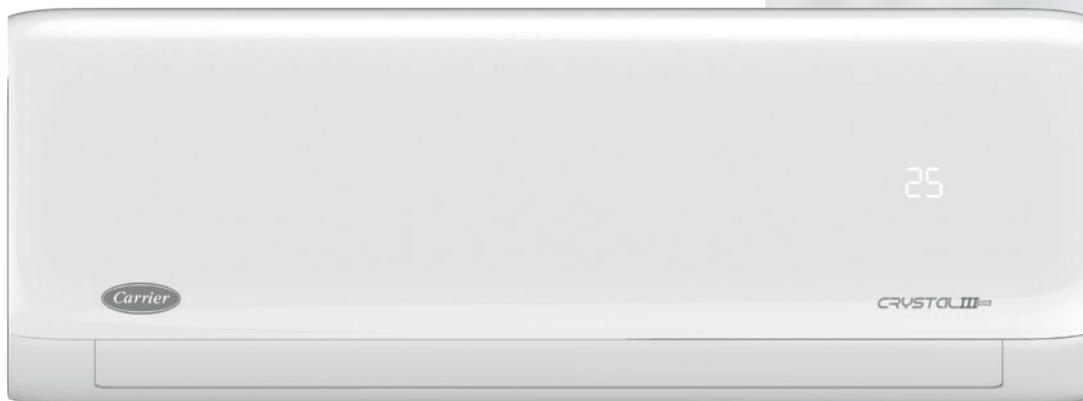
* Preliminary Data



Turn to the experts

INVERTER HI-WALL

CRYSTAL III ION



Ionizer



1W Standby

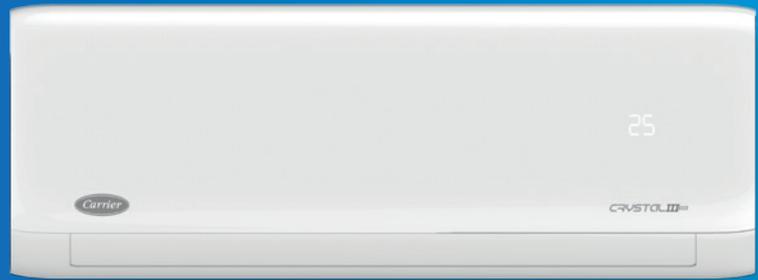


Wind Avoid Me



**Comfortable indoor
environment with maximum
energy efficiency**

INVERTER HI-WALL CRYSTAL III ION



CRYSTAL III ION is an energy-efficient model with a SEER up to 7.1 and an energy class of A++/ A+++ (cooling/heating).

Now you can maintain the desired temperature by keeping your energy costs down.

...and not only this!

Contaminants like pollen, dander, dust, and other particles can make the air inside your home more polluted than you imagine—maybe even more polluted than outdoor air.

The Ionizer of the unit creates a healthy climate as it rejuvenates the air with negatively charged ions. Additional to this, the unit is fitted with a series of filters so you and your family can breathe cleaner air.

FEATURES

- | | | | |
|---|-------------------------------|---|----------------------------------|
|  | Ionizer |  | Turbo |
|  | Wi-Fi Active |  | Wind Avoid Me (Breeze away) |
|  | Golden Fin |  | Timer |
|  | Fan Blades |  | Dry Mode |
|  | 9 Grades of Outdoor Fan Speed |  | Quiet Mode |
|  | Low Ambient Cooling |  | Active Clean |
|  | Low Ambient Heating |  | Auto Diagnosis & Self Protection |
|  | Pre Filter |  | Auto Defrosting |
|  | Cold Catalyst Filter |  | Auto Restart |
|  | Vitamin C Filter |  | Electrical Voltage Protection |
|  | Follow Me |  | Memorize |
|  | Sleep Mode |  | Remote Control Locking |
|  | ECO |  | Refrigerant Leakage Detection |
| | |  | 1W Stand By |

TECHNICAL CHARACTERISTICS

SYSTEM		38QHG/42QHG009D8SI	38QHG/42QHG012D8SI	38QHG/42QHG018D8SI	38QHG/42QHG024D8SI
Cooling capacity	kW	2.75 (1.0-3.2)	3.65 (1.4-4.3)	5.28 (2.4-6.1)	7.04 (2.1-8.2)
	BTU/h	9.390 (3.414 - 10.925)	12.461 (4.780 - 16.680)	18.025 (8.195 - 20.825)	24.035 (7.170 - 27.995)
Heating capacity	kW	2.90 (0.8-3.4)	3.90 (1.1-4.4)	5.70 (2.1-6.7)	7.50 (1.5-8.2)
	BTU/h	9.900 (2.731 - 11.610)	13.315 (3.755 - 15.022)	19.460 (7.170 - 22.875)	25.605 (5.121 - 27.995)
Heating capacity at -7°C	kW	2,50	2,70	4,30	5,80
Heating capacity at -15°C	kW	2,00	2,10	3,50	5,50
Heating capacity at -20°C	kW	1,65	1,70	2,50	4,50
Temp range cooling	°C	-15-50	-15-50	-15-50	-15-50
Temp range heating	°C	-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	6.5 / 5.1 / 4.0
Energy label		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	379 / 1757 / 1820
Standard current (cooling)	A	3,50	5,00	6,80	10,90
Standard input (cooling)	W	765	1130	1550	2500
Standard current (heating)	A	3,40	4,60	7,40	9,60
Standard input (heating)	W	760	1050	1700	2200
Refrigerant amount	kg	0,60	0,65	1,10	1,45
Liquid side / Gas side		1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
Standard piping length	m	5	5	5	5
Min piping length	m	3	3	3	3
Max piping length	m	25	25	30	30
Max difference	m	10	10	20	20
Additional charge	g/m	12	12	12	24
Voltage, Hz		220-240V-, 50/60Hz	220-240V-, 50/60Hz	220-240V-, 50/60Hz	220-240V-, 50/60Hz

INDOOR UNIT		42QHG009D8SI	42QHG012D8SI	42QHG018D8SI	42QHG024D8SI
Sound power level	dB(A)	56	56	58	63
Sound pressure level (Max. - Min.)	dB(A)	37/32/28/20	37/32/28/20	41/35/28/21	47/41/35/22
Air flow (Max. - Min.)	m³/h	460/330/260/180	530/400/350/195	800/600/500/300	1090/770/610/480
Weight	kg	8.0	8.7	11.2	13.6
Dimensions (WxDxH)	mm	726x210x291	835x208x295	969x241x320	1083x244x336

OUTDOOR UNIT		38QHG009D8SI	38QHG012D8SI	38QHG018D8SI	38QHG024D8SI
Sound power level	dB(A)	63	64	65	69
Sound pressure level	dB(A)	55,5	56	57	60
Airflow	m³/h	1750	1800	2100	3500
Weight	kg	23.5	23.7	33.5	43.9
Dimensions (WxDxH)	mm	720x270x495	720x270x495	805x330x554	890x342x673

- Notes:
- Sound data @ cooling mode
 - -7°C/-15°C/-20°C heating @ free frequency

* Preliminary Data



Turn to the experts



Turn to the experts

Multi Split Systems

SUPREME FLEXIBILITY AND COMFORT





Delivering

The ultimate comfort

with the maximum flexibility

With their virtually endless configurations, our lineup of multi air-conditioners allows you to choose the best solution to meet your needs. By selecting specific rooms to heat or cool, energy use is concentrated in the areas you choose, delivering comfort with maximum energy efficiency.

Moreover, Carrier's Indoor units are a perfect fusion of esthetics and technology. With their discreet look, their flowing lines, simple curves and backlit finishing, they are truly a high-tech decorative ornament.

Our multi air-conditioning systems are designed to offer efficient, quiet and reliable operation all year round!

INSTALLATION FLEXIBILITY

Up to five multiple style indoor units (Hi-wall, Cassettes, Consoles and Ducted) supported by just one efficient, outdoor Inverter compressor unit.

- Horizontal piping length from 25m to 35m for one unit and from 40m to 80m for all rooms
- Vertical piping length up to 10m between indoor units and up to 15m between indoor

Max. height difference of 15m can be supported to ensure that Carrier outdoor units are ideally matched with every architectural style.



EUROVENT CERTIFICATION

Eurovent Certification certifies the performance ratings of the air-condition unit according to European and international standards.



SELF-DIAGNOSIS & AUTO-PROTECTION

The unit will detect abnormal operation or malfunctions and will shut down automatically to prevent any further issues. At the same time, it will indicate an error code for faster service.



TIMER

Allows you to start the unit at a preset time in the desired cooling or heating mode.

HIGHER PIPE LIMITS		
OUTDOOR UNITS	MAX. HEIGHT	
	BETWEEN INDOOR AND OUTDOOR	BETWEEN INDOOR AND INDOOR
1 drive 2	15	10
1 drive 3	15	10
1 drive 4	15	10
1 drive 5	15	10



HIGHER EFFICIENCY UNDER PARTIAL LOAD

The inverter compressor offers better efficiency under partial output. When not all the rooms require air-conditioning, the multi-split outdoor unit will run with partial output and lower the power consumption, while for single split solution, each of the outdoor unit is still operating 100 % output with lower efficiency.



ENERGY EFFICIENCY

Efficient under Partial Load Energy Saver



COMFORT

Quiet Mode



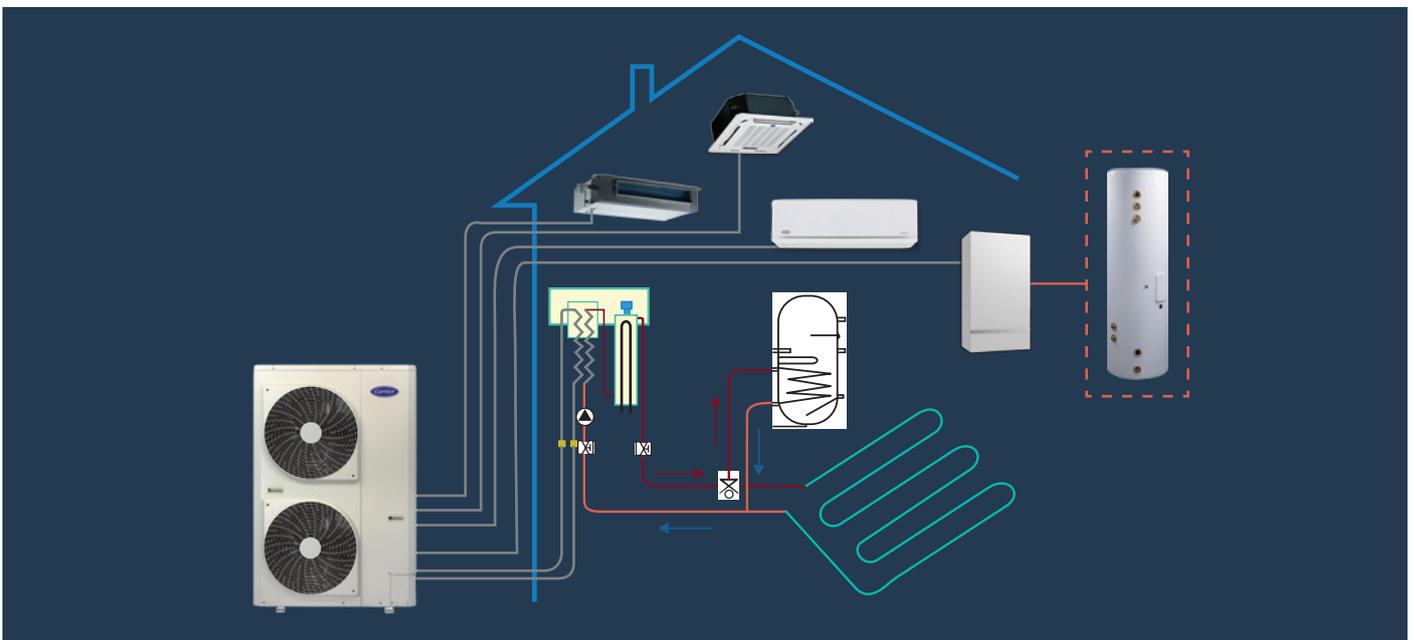
FLEXIBILITY

Independent Control
Wide Combination
Space Saver
Free Match
Flexible Installation
Easy Maintenance



AIR TO WATER MULTI-SPLIT SYSTEM

The ATW Multi-split System is an energy-efficient system of cooling, heating & hot water supply. 36K outdoor unit can be compatible with a series of indoor units, including compact cassette, ducted unit, ceiling & floor, wall-mounted unit, Console and hydro box.



OUTDOOR UNITS TECHNICAL CHARACTERISTICS

OUTDOOR MODEL	38QUS014D8S2			
	HIWALL 42QH007D8S* (x2)	HIWALL 42QHB007D8S* (x2)	CASSETTE 42QTD007D8S (x2)	DUCTED 42QSS007D8S (x2)
IDUS COMBINATION FOR RATING				
Cooling capacity	kW	4.10 (1.44-4.79)	4.10 (1.44-4.79)	4.10 (1.31-4.40)
Heating capacity	kW	4.40 (1.50-4.91)	4.40 (1.50-4.91)	4.40 (1.47-4.98)
SEER/ SCOP (average)	W/W	6.8/4.0	6.8 / 4.0	6.1 / 3.8
Energy label		A++/A+	A++ / A+	A++ / A
Yearly energy consumption	kWh	211/1365	211 / 1295	236 / 1437
EER/ COP	W/W	3.23/3.71	3.23 / 3.67	3.20 / 3.79
Standard current (cooling)	A	5,9	5,8	5,8
Standard input (cooling)	W	1270	1270	1280
Standard current (heating)	A	5,3	5,4	5,2
Standard input (heating)	W	1185	1200	1160
Rated current	A	11,5		
Rated input	W	2650,0		
Outdoor air flow	m ³ /h	2200,0		
Outdoor sound pressure level	dB(A)	56,0		
Outdoor sound power level	dB(A)	65,0		
Dimension (WxDxH)	mm	800x333x554		
Weight	kg	32,0		
Refrigerant charge amount, R32	kg	1,1		
Refrigerant piping (Liquid side/ Gas side)		2 x 1/4" - 3/8"		
Chargeless pipe length	m	7,5*2		
Additional charge	g/m	12,0		
Max. length for all rooms	m	40,0		
Max. length for one indoor unit	m	25,0		
Max. height difference between IDU and CDU	m	15,0		
Max. height difference between indoor units	m	10,0		
Temp range cooling	°C	-15 - 50		
Temp range heating	°C	-15 - 24		
Power supply	V-Hz-Ph	220-240V-, 50Hz, 1Ph		

* Preliminary Data

OUTDOOR MODEL	38QUS018D8S2-1			
	HIWALL 42QH009D8S* (x2)	HIWALL 42QHB009D8S* (x2)	CASSETTE 42QTD009D8S (x2)	DUCTED 42QSS009D8S (x2)
IDUS COMBINATION FOR RATING				
Cooling capacity	kW	5.28 (2.26-5.63)	5.28 (2.23-5.57)	5.28 (2.23-5.72)
Heating capacity	kW	5.57 (2.37-5.68)	5.57 (2.34-5.63)	5.57 (2.34-5.86)
SEER/ SCOP (average)	W/W	6.7/4.0	6.1 / 4.0	6.1 / 4.0
Energy label		A++/A+	A++ / A+	A++ / A
Yearly energy consumption	kWh	276 / 1505	303 / 1505	303 / 1505
EER/ COP	W/W	3.24/3.71	3.10 / 3.71	3.24 / 3.71
Standard current (cooling)	A	7,7	7,3	7,3
Standard input (cooling)	W	1630	1705	1630
Standard current (heating)	A	6,8	6,7	6,7
Standard input (heating)	W	1500	1500	1360
Rated current	A	13,0		
Rated input	W	2850		
Outdoor air flow	m ³ /h	2200		
Outdoor sound pressure level	dB(A)	56		
Outdoor sound power level	dB(A)	65		
Dimension (WxDxH)	mm	800x333x554		
Weight	kg	35,5		
Refrigerant charge amount, R32	kg	1,25		
Refrigerant piping (Liquid side/ Gas side)		2 x 1/4" - 3/8"		
Chargeless pipe length	m	7,5*2		
Additional charge	g/m	12		
Max. length for all rooms	m	40		
Max. length for one indoor unit	m	25		
Max. height difference between IDU and CDU	m	15		
Max. height difference between indoor units	m	10		
Temp range cooling	°C	-15 - 50		
Temp range heating	°C	-15 - 24		
Power supply	V-Hz-Ph	220-240V-, 50Hz, 1Ph		

* Preliminary Data

OUTDOOR UNITS TECHNICAL CHARACTERISTICS

OUTDOOR MODEL

IDUS COMBINATION FOR RATING

		38QUS021D8S3			
		HIWALL 42QH007D8S* (x3)	HIWALL 42QHB007D8S* (x3)	CASSETTE 42QTD007D8S (x3)	DUCTED 42QSS007D8S (x3)
Cooling capacity	kW	6.15 (1.95-6.74)	6.10 (1.95-6.83)	6.10 (1.99-7.02)	6.10 (2.14-7.03)
Heating capacity	kW	6.59 (1.45-6.74)	6.59 (1.45-6.86)	6.59 (1.45-6.74)	6.59 (1.81-6.74)
SEER/ SCOP(average)	W/W	6.5/4.0	6.5 / 4.0	6.1 / 4.0	6.1 / 3.8
Energy label		A++/A+	A++ / A+	A++ / A+	A++ / A
Yearly energy consumption	kWh	331/1890	329 / 1890	350 / 1785	350 / 1879
EER/ COP	W/W	3.23/3.73	3.21 / 3.72	3.47 / 3.70	3.94 / 3.99
Standard current (cooling)	A	9,0	8,6	8,0	7,0
Standard input (cooling)	W	1900	1900	1760	1550
Standard current (heating)	A	8,5	8,1	8,1	7,5
Standard input (heating)	W	1770	1770	1780	1650
Rated current	A	15,5			
Rated input	W	3300			
Outdoor air flow	m ³ /h	2700			
Outdoor sound pressure level	dB(A)	58			
Outdoor sound power level	dB(A)	66			
Dimension (WxDxH)	mm	845x363x702			
Weight	kg	47.0			
Refrigerant charge amount, R32	kg	1,40			
Refrigerant piping (Liquid side/ Gas side)		3 x 1/4" - 3/8"			
Chargeless pipe length	m	7.5*3			
Additional charge	g/m	12			
Max. length for all rooms	m	60			
Max. length for one indoor unit	m	25			
Max. height difference between IDU and CDU	m	15			
Max. height difference between indoor units	m	10			
Temp range cooling	°C	-15 - 50			
Temp range heating	°C	-15 - 24			
Power supply	V-Hz-Ph	220-240V-, 50Hz, 1Ph			

* Preliminary Data

OUTDOOR MODEL

IDUS COMBINATION FOR RATING

		38QUS027D8S3-1			
		HIWALL 42QH009D8S* (x3)	HIWALL 42QHB009D8S* (x3)	CASSETTE 42QTD009D8S (x3)	DUCTED 42QSS009D8S (x3)
Cooling capacity	kW	7.90 (2.20-8.50)	7.90 (2.89-8.50)	7.90 (2.10-8.50)	7.90 (2.90-8.21)
Heating capacity	kW	8.20 (1.90-8.50)	8.20 (1.99-8.50)	7.91 (1.96-8.79)	8.20 (1.99-8.35)
SEER/ SCOP(average)	W/W	6.1/4.0	6.1 / 4.0	6.1 / 4.0	6.1 / 4.0
Energy label		A++/A+	A++ / A+	A++ / A+	A++ / A+
Yearly energy consumption	kWh	454/1995	454 / 1995	454 / 1855	454 / 1995
EER/ COP	W/W	3.23/3.73	3.22 / 3.73	3.22 / 3.73	3.22 / 4.00
Standard current (cooling)	A	12,0	11,0	11,0	11,0
Standard input (cooling)	W	2450	2450	2450	2450
Standard current (heating)	A	11,0	9,9	9,5	9,2
Standard input (heating)	W	2200	2200	2120	2050
Rated current	A	17,5			
Rated input	W	3600,0			
Outdoor air flow	m ³ /h	2700,0			
Outdoor sound pressure level	dB(A)	60,0			
Outdoor sound power level	dB(A)	68,0			
Dimension (WxDxH)	mm	845x363x702			
Weight	kg	51.0			
Refrigerant charge amount, R32	kg	1,7			
Refrigerant piping (Liquid side/ Gas side)		3 x 1/4" - 3/8"			
Chargeless pipe length	m	7.5*3			
Additional charge	g/m	12,0			
Max. length for all rooms	m	60,0			
Max. length for one indoor unit	m	30,0			
Max. height difference between IDU and CDU	m	15,0			
Max. height difference between indoor units	m	10,0			
Temp range cooling	°C	-15 - 50			
Temp range heating	°C	-15 - 24			
Power supply	V-Hz-Ph	220-240V-, 50Hz, 1Ph			

* Preliminary Data

OUTDOOR UNITS TECHNICAL CHARACTERISTICS

OUTDOOR MODEL

IDUS COMBINATION FOR RATING

		38QUS028D854			
		HIWALL 42QH007D8S* (x4)	HIWALL 42QHB007D8S* (x4)	CASSETTE 42QTD007D8S (x4)	DUCTED 42QSS007D8S (x4)
Cooling capacity	kW	8.20 (2.49-10.26)	8.20 (2.51-10.43)	8.20 (2.45-10.20)	8.20 (2.85-9.67)
Heating capacity	kW	8.79 (1.61-10.14)	8.79 (1.61-10.14)	8.79 (1.54-11.43)	8.79 (2.28-11.43)
SEER/ SCOP(average)	W/W	7.0/4.0	7.0 / 4.0	6.8 / 4.0	6.1 / 3.8
Energy label		A++/A+	A++ / A+	A++ / A+	A++ / A
Yearly energy consumption	kWh	410/2380	410 / 2275	422 / 2240	471 / 2248
EER/ COP	W/W	3.23/3.71	3.23 / 3.66	3.49 / 3.69	3.49 / 3.69
Standard current (cooling)	A	10,9	11,4	10,5	10,5
Standard input (cooling)	W	2500	2540	2350	2350
Standard current (heating)	A	10,4	10,8	10,7	10,7
Standard input (heating)	W	2400	2400	2380	2380
Rated current	A	19,0			
Rated input	W	4150,0			
Outdoor air flow	m ³ /h	3800,0			
Outdoor sound pressure level	dB(A)	63,0			
Outdoor sound power level	dB(A)	70,0			
Dimension (WxDxH)	mm	946x410x810			
Weight	mm	1090x500x885			
Refrigerant charge amount, R32	kg	62,0			
Refrigerant piping (Liquid side/ Gas side)	kg	2,1			
Chargeless pipe length		3 × 1/4" - 3/8" + 1 × 1/4" - 1/2"			
Additional charge	m	7,5'4			
Max. length for all rooms	g/m	12,0			
Max. length for one indoor unit	m	80,0			
Max. height difference between IDU and CDU	m	30,0			
Max. height difference between indoor units	m	15,0			
Temp range cooling	m	10,0			
Temp range heating	°C	-15 - 50			
Temp range heating	°C	-15 - 24			
V-Hz-Ph		220-240V-, 50HZ, 1PH			

* Preliminary Data

OUTDOOR MODEL

IDUS COMBINATION FOR RATING

		38QUS036D854-1			
		HIWALL 42QH009D8S* (x4)	HIWALL 42QHB009D8S* (x4)	CASSETTE 42QTD009D8S (x4)	DUCTED 42QSS009D8S (x4)
Cooling capacity	kW	10.55 (2.74-11.29)	10.20 (2.05-10.55)	10.10 (2.05-10.55)	10.10 (2.73-10.70)
Heating capacity	kW	10.55 (3.60-10.83)	11.00 (2.34-11.14)	10.70 (2.34-11.14)	10.70 (3.66-11.43)
SEER/ SCOP(average)	W/W	6.5/4.0	6.5 / 3.8	5.7 / 3.8	6.0 / 3.8
Energy label		A++/A+	A++ / A	A+ / A	A+ / A
Yearly energy consumption	kWh	568/3220	550 / 3242	620 / 2984	589 / 2984
EER/ COP	W/W	3.23/3.71	2.82 / 3.55	2.74 / 3.31	2.81 / 3.46
Standard current (cooling)	A	15,0	16,0	16,2	15,9
Standard input (cooling)	W	3270	3620	3680	3600
Standard current (heating)	A	13,5	13,7	14,4	13,9
Standard input (heating)	W	2845	3100	3230	3090
Rated current	A	21,5			
Rated input	W	4600,0			
Outdoor air flow	m ³ /h	4000,0			
Outdoor sound pressure level	dB(A)	64,0			
Outdoor sound power level	dB(A)	72,0			
Dimension (WxDxH)	mm	946x410x810			
Weight	kg	69,0			
Refrigerant charge amount, R32	kg	2,1			
Refrigerant piping (Liquid side/ Gas side)		3 × 1/4" - 3/8" + 1 × 1/4" - 1/2"			
Chargeless pipe length	m	7,5'4			
Additional charge	g/m	12,0			
Max. length for all rooms	m	80,0			
Max. length for one indoor unit	m	35,0			
Max. height difference between IDU and CDU	m	15,0			
Max. height difference between indoor units	m	10,0			
Temp range cooling	°C	-15 - 50			
Temp range heating	°C	-15 - 24			
Power supply	V-Hz-Ph	220-240V-, 50Hz, 1PH			

* Preliminary Data

OUTDOOR UNITS TECHNICAL CHARACTERISTICS

OUTDOOR MODEL		38QUS042D8S5-1		
		HIWALL 42QH009D8S (x5)	CASSETTE 42QTD009D8S (x5)	DUCTED 42QSS009D8S (x5)
IDUS COMBINATION FOR RATING				
Cooling capacity	kW	12.30 (2.64-12.30)	12.30 (2.73-12.30)	12.30 (2.73-12.30)
Heating capacity	kW	12.30 (3.52-12.30)	12.30 (2.42-12.30)	12.30 (3.81-12.30)
SEER/ SCOP(average)	W/W	6.5 / 3.8	5.8 / 3.8	6.1 / 3.6
Energy label		A++/A	A+ / A	A++ / A
Yearly energy consumption	kWh	662/3500	742 / 3500	706 / 3695
Standard current (cooling)	A	17.3	17.8	18.0
Standard input (cooling)	W	3800	3810	4100
Standard current (heating)	A	15.0	15.0	15.0
Standard input (heating)	W	3300	3300	3300
Rated current	A	22.0		
Rated input	W	4700.0		
Outdoor air flow	m ³ /h	3850.0		
Outdoor sound pressure level	dB(A)	63.0		
Outdoor sound power level	dB(A)	72.0		
Dimension (W×D×H)	mm	946×410×810		
Weight	kg	74.1		
Refrigerant charge amount, R32	kg	2.9		
Refrigerant piping (Liquid side/ Gas side)		4 × 1/4" - 3/8" + 1 × 1/4" - 1/2"		
Chargeless pipe length	m	7.5*5		
Additional charge	g/m	12.0		
Max. length for all rooms	m	80.0		
Max. length for one indoor unit	m	35.0		
Max. height difference between IDU and CDU	m	15.0		
Max. height difference between indoor units	m	10.0		
Temp range cooling	°C	-15 - 50		
Temp range heating	°C	-15 - 24		
Power supply	°C	220-240V-, 50Hz, 1Ph		



Turn to the experts

INDOOR UNITS TECHNICAL CHARACTERISTICS

HI-WALL



INDOOR UNIT - HIGH WALL 15C HP

		42QH007D8S*	42QH009D8S*	42QH012D8S*	42QH018D8S*	42QH024D8S*
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.)	m ³ /h	180-460	180-460	195-530	300-800	480-1090
Weight	kg	8.0	8.0	8.7	11.2	13.6
Dimensions (WxDxH)	mm	726x210x291	726x210x291	835x208x295	969x241x320	1083x244x336
Refrigerant piping (Liquid side/Gas side)		1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
Power supply	V-ph-Hz	220-240V-, 50Hz, 1Ph	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz

INDOOR UNIT - HIGH WALL AB HP

		42QHB07D8SN	42QHB09D8SN	42QHB12D8SN	42QHB18D8SN	42QHB24D8SN
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	22	36	60
Indoor fan motor max current	A	0,5	0,5	0,5	0,5	0,7
Sound power level	dB(A)	55	55	57	60	63
Sound pressure level (Min. - Max.)	dB(A)	38/31/23/20	38/31/23/20	39/32/23/21	42/33/27/21	46/40/30/26
Air flow (Min. - Max.)	m ³ /h	420/310/230/150	420/310/230/150	530/470/290/170	750/510/420/330	1050/750/560/450
Weight	kg	7.3	7.3	8.2	10.8	12.9
Dimensions (WxDxH)	mm	722x187x290	722x187x290	802x189x297	965x215x319	1080x226x335
Refrigerant piping (Liquid side/Gas side)		1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
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

H/M/L/SL: High / Medium / Low / Super Low
WxDxH: Width x Depth x Height

* Preliminary Data

CONSOLE / UNDER CEILING



INDOOR UNIT - CONSOLE

		42QZA012D8S-1(NEW)	42QZA018D8S-1(NEW)	42QZL018D8S-2(NEW)	42QZL024D8S(NEW)
Cooling Capacity	kW	3,52	5,28	5,28	7,04
Heating Capacity	kW	3,52	5,28	5,28	7,04
Indoor fan motor input	W	79	79	98	98
Indoor fan motor max current	A	0,25	0,25	0,94	0,94
Sound power level	dB(A)	58	60	58	55
Sound pressure level (Min. - Max.)	dB(A)	41.5/38.0/33.5/23.0	45.0/39.0/36.0	44.0/41.0/37.0	51.0 / 47.0 / 43.0
Air flow (Min. - Max.)	m ³ /h	550/465/385	560/480/400	960/840/725	1190 / 1025 / 850
Weight	kg	14.6	14.7	28.0	28.0
Dimensions (WxDxH)	mm	700x210x600	700X600X210	1068X675X235	1068X675X235
Refrigerant piping (Liquid side/Gas side)		1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Power supply	V-ph-Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz

H/M/L/SL: High / Medium / Low / Super Low
WxDxH: Width x Depth x Height

* Preliminary Data

INDOOR UNITS TECHNICAL CHARACTERISTICS

CASSETTE



INDOOR UNIT - CASSETTE		42QTD007D8S	42QTD009D8S	42QTD012D8S-1(NEW)	42QTD018D8S-2(NEW)	42QTD024D8S(NEW)
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	145	145	145	145	120
Indoor fan motor max current	A	0,47	0,47	0,47	0,47	0,39
Sound power level	dB(A)	58	58	57	58	59
Sound pressure level (high/med/low)	dB(A)	42/39/36	42/39/36	42/37.5/34.5	45.4/44.0/39.0	50.0/47.5/42.0
Air flow (high/med/low)	m ³ /h	560/430/390	560/430/390	570/485/390	680/585/480	1250/1120/995
Weight (Body)	kg	15.0	15.0	16.3	16.0	21.6
Weight (Panel)	kg	2.5	2.5	2.5	2.5	6.0
Dimensions (WxDxH)(Body)	mm	570x570x260	570x570x260	570x570x260	570x570x260	830x830x205
Dimensions (WxDxH)(Panel)	mm	647x647x50	647x647x50	647x647x50	647x647x50	950x950x55
Refrigerant piping (Liquid side/Gas side)		1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
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

DUCTED



INDOOR UNIT - DUCTED		42QSS007D8S	42QSS009D8S	42QSS012D8S-1(NEW)	42QSS018D8S-1(NEW)	42QSS024D8S(NEW)
Cooling Capacity	kW	2,05	2,64	3,52	5,28	7,04
Heating Capacity	kW	2,05	2,64	3,52	5,28	7,04
Indoor fan motor input	W	130	130	130	200	200
Indoor fan motor max current	A	1,11	1,11	1,11	1,65	1,65
Sound power level	dB(A)	60	60	58	58	62
Sound pressure level (high/med/low)	dB(A)	42/36/30	42/36/30	34.5/32.0/30.0	42.0/39.0/35.0	49.0/46.0/41.0
Air flow (high/med/low)	m ³ /h	580/480/300	580/480/300	600/480/300	910/710/515	1230/1035/825
External static pressure	Pa	0-30	0-30	0-60	0-100	0-160
Weight	kg	18.0	18.0	17.8	24.4	32.3
Dimensions (WxDxH)	mm	700x450x200	700x450x200	700x506x200	880x674x210	1100x774x249
Refrigerant piping (Liquid side/Gas side)		1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
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

Note:
Do not have 24K IDU due to communication protocol issue

HYDRAULIC KIT



INDOOR UNIT

		40ATW027
Heating Capacity	kW	8
Sound power level	dB(A)	TBD
Sound pressure level (high/med/low)	dB(A)	TBD
Back up electric heater	kW	2 x 1,55
Weight (Net/Gross)	kg	56.0
Dimensions (WxDxH)	mm	918x490x325
Refrigerant piping (Liquid side/Gas side)		1/4" - 1/2"
Voltage/Hz/Ph		220-240V / 50Hz / 1Ph

* Preliminary Data

COMBINATIONS FOR AIR TO WATER SYSTEM

R32	36K	ONE UNIT	7	9	12	18	24	27			
		TWO UNITS	27+7	27+9	27+12	27+18	7+7	7+9	7+12	7+18	
		THREE UNITS	27+7+7	27+7+9	27+7+12	27+9+9	7+7+7	7+7+9	7+7+12	7+7+18	
			7+18+18	9+9+9	9+9+12	9+9+18	9+9+24	9+12+12	9+12+18	9+12+24	
		FOUR UNITS	27+7+7+7	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+9+12	
7+9+9+18	7+9+12+12		7+9+12+18	7+12+12+12	9+9+9+9	9+9+9+12	9+9+9+18	9+9+12+12			

R32	36K	ONE UNIT									
		TWO UNITS	7+24	9+9	9+12	9+18	9+24	12+12	12+18	12+24	18+18
		THREE UNITS	7+7+24	7+9+9	7+9+12	7+9+18	7+9+24	7+12+12	7+12+18	7+12+24	
			9+18+18	12+12+12	12+12+18						
		FOUR UNITS	7+7+9+18	7+7+9+24	7+7+12+12	7+7+12+18	7+9+9+9	7+9+9+12			



Turn to the experts



Indoor Combinations

INDOOR COMBINATION AND VARIABLE CAPACITY FOR 38QUS014D8S2 HEAT PUMP (SYSTEM 2)

COOLING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)		RATED CAPACITY (kW)(NOM. COOLING)		TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)	
		UNIT A	UNIT B	UNIT A	UNIT B	MIN.	RATED	MAX.	MIN.	RATED	MAX.		
1:1	7	7	—	2	2,00	—	1,23	2,00	2,90	0,30	0,62	0,77	3,23
	9	9	—	2,6	2,50	—	1,23	2,50	3,20	0,30	0,77	0,97	3,23
	12	12	—	3,2	3,50	—	1,23	3,50	3,90	0,30	1,08	1,30	3,23
	18	18	—	5,2	4,10	—	1,35	4,10	4,50	0,40	1,27	1,46	3,23
1:2	7+7	7	7	4	2,05	2,05	1,76	4,10	4,54	0,43	1,27	1,46	3,23
	7+9	7	9	4,6	1,79	2,31	1,76	4,10	4,54	0,43	1,27	1,46	3,23
	7+12	7	12	5,2	1,51	2,59	1,76	4,10	4,54	0,43	1,27	1,46	3,24
	9+9	9	9	5,2	2,05	2,05	1,76	4,10	4,54	0,43	1,27	1,46	3,24
	9+12	9	12	5,8	1,76	2,34	1,76	4,10	4,54	0,43	1,27	1,46	3,24

HEATING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)		RATED CAPACITY (kW)(NOM. COOLING)		TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)	
		UNIT A	UNIT B	UNIT A	UNIT B	MIN.	RATED	MAX.	MIN.	RATED	MAX.		
1:1	7	7	—	2,0	2,45	—	1,41	2,50	2,82	0,28	0,67	0,83	3,75
	9	9	—	2,6	2,92	—	1,41	2,90	3,36	0,28	0,78	0,97	3,73
	12	12	—	3,2	3,75	—	1,41	3,80	4,31	0,28	1,02	1,23	3,72
	18	18	—	5,2	4,70	—	1,55	4,70	5,20	0,38	1,27	1,32	3,71
1:2	7+7	7	7	4	2,35	2,35	2,02	4,70	5,20	0,39	1,15	1,32	4,10
	7+9	7	9	4,6	2,06	2,64	2,02	4,70	5,20	0,39	1,15	1,32	4,10
	7+12	7	12	5,2	1,75	3,00	2,02	4,75	5,26	0,39	1,19	1,32	4,00
	9+9	9	9	5,2	2,38	2,38	2,02	4,75	5,26	0,39	1,19	1,32	4,00
	9+12	9	12	5,8	2,04	2,71	2,02	4,75	5,26	0,39	1,19	1,32	4,00

INDOOR COMBINATION AND VARIABLE CAPACITY FOR 38QUS018D8S2-1 HEAT PUMP (SYSTEM 2)

COOLING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)		RATED CAPACITY (kW)(NOM. COOLING)		TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT A	UNIT B	MIN.	RATED	MAX.	MIN.	RATED	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
	12+12	12	12	2,70	2,70	2,08	5,40	6,29	0,53	1,67	2,17	3,23

HEATING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)		RATED CAPACITY (kW)(NOM. COOLING)		TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT A	UNIT B	MIN.	RATED	MAX.	MIN.	RATED	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
	12+12	12	12	2,80	2,80	2,20	5,60	6,66	0,47	1,45	1,86	3,85

INDOOR COMBINATION AND VARIABLE CAPACITY FOR 38QUS021D8S3 HEAT PUMP (SYSTEM 3)

COOLING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)			RATED CAPACITY (kW)(NOM. COOLING)			TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT A	UNIT B	UNIT C	MIN.	RATED	MAX.	MIN.	RATED	MAX.	
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
1:3	12+12	12	12	—	3,10	3,10	—	2,01	6,20	6,83	0,56	1,91	2,17	3,24
	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)			RATED CAPACITY (kW)(NOM. COOLING)			TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT A	UNIT B	UNIT C	MIN.	RATED	MAX.	MIN.	RATED	MAX.	
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

INDOOR COMBINATION AND VARIABLE CAPACITY FOR 38QUS027D8S3-1 HEAT PUMP (SYSTEM 3)

COOLING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)			RATED CAPACITY (kW)(NOM. COOLING)			TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT A	UNIT B	UNIT C	MIN.	RATED	MAX.	MIN.	RATED	MAX.	
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
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)			RATED CAPACITY (kW)(NOM. COOLING)			TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT A	UNIT B	UNIT C	MIN.	RATED	MAX.	MIN.	RATED	MAX.	
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
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

INDOOR COMBINATION AND VARIABLE CAPACITY FOR 38QUS028D8S4 HEAT PUMP (SYSTEM 4)

COOLING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)				RATED CAPACITY (kW)(NOM. COOLING)				TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	MIN.	RATED	MAX.	MIN.	RATED	MAX.	
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
	7+24	7	24	—	—	2.03	6.97	—	—	2.05	9.00	8.78	0.62	2.80	2.94	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
	9+24	9	24	—	—	2.70	7.20	—	—	2.05	9.90	8.37	0.62	3.08	2.97	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
	12+24	12	24	—	—	3.17	6.33	—	—	2.05	9.50	7.96	0.62	2.96	2.99	3.21
1:3	18+18	18	18	—	—	3.75	3.75	—	—	2.05	7.50	7.55	0.62	2.34	2.72	3.21
	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
1:4	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
	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)				RATED CAPACITY (kW)(NOM. COOLING)				TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	MIN.	RATED	MAX.	MIN.	RATED	MAX.	
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	24	24	—	—	—	7.60	—	—	—	1.91	7.60	8.50	0.70	2.11	2.21	3.61
	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
	7+24	7	24	—	—	2.21	7.59	—	—	2.28	9.80	9.74	0.61	2.71	2.91	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
	9+24	9	24	—	—	2.59	6.91	—	—	2.28	9.50	9.28	0.61	2.63	2.94	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
12+24	12	24	—	—	3.33	6.67	—	—	2.28	10.00	8.37	0.61	2.77	2.69	3.61	
1:3	18+18	18	18	—	—	4.00	4.00	—	—	2.28	8.00	8.37	0.61	2.22	2.69	3.61
	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
1:4	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
	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	

INDOOR COMBINATION AND VARIABLE CAPACITY FOR 38QUS036D8S4-1 HEAT PUMP (SYSTEM 4)

COOLING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)				RATED CAPACITY (kW)(NOM. COOLING)				TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	MIN.	RATED	MAX.	MIN.	RATED	MAX.	
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
	24	24	—	—	—	7.00	—	—	—	2.01	7.00	8.00	0.62	2.18	2.29	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+24	7	24	—	—	2.05	7.05	—	—	2.23	9.10	11.21	0.63	2.83	3.14	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
	9+24	9	24	—	—	2.65	7.05	—	—	2.23	9.70	11.80	0.63	3.02	3.30	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
	12+24	12	24	—	—	3.33	6.67	—	—	2.23	10.00	11.80	0.63	3.12	3.24	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
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+7+24		7	7	24	—	2.03	2.03	6.95	—	2.86	11.00	13.25	0.79	3.42	3.80	3.22
7+9+9		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+9+24		7	9	24	—	2.01	2.59	6.90	—	2.86	11.50	13.25	0.79	3.57	3.83	3.22
7+12+12		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+12+24		7	12	24	—	1.87	3.21	6.42	—	2.86	11.50	13.25	0.79	3.57	3.76	3.22
7+18+18		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+9+24		9	9	24	—	2.46	2.46	6.57	—	2.86	11.50	11.66	0.79	3.57	3.63	3.22
9+12+12		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+12+24		9	12	24	—	2.00	2.67	5.33	—	2.86	10.00	11.66	0.79	3.11	3.63	3.22
9+18+18	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+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+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

INDOOR COMBINATION AND VARIABLE CAPACITY FOR 38QUS036D8S4-1 HEAT PUMP (SYSTEM 4)

HEATING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)				RATED CAPACITY (kW)(NOM. COOLING)				TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)	
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	MIN.	RATED	MAX.	MIN.	RATED	MAX.		
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	24	24	—	—	—	7.60	—	—	—	2.04	7.60	8.50	0.70	2.11	2.21	3.61	
	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	
	7+24	7	24	—	—	2.21	7.59	—	—	2.52	9.80	11.40	0.63	2.71	3.21	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	
	9+24	9	24	—	—	2.78	7.42	—	—	2.52	10.20	12.00	0.63	2.82	3.31	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	
	12+24	12	24	—	—	3.50	7.00	—	—	2.52	10.50	12.00	0.63	2.90	3.24	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+7+24		7	7	24	—	2.21	2.21	7.58	—	3.24	12.00	13.80	0.79	3.31	3.80	3.63	
7+9+9		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+9+24		7	9	24	—	2.10	2.70	7.20	—	3.24	12.00	13.80	0.79	3.31	3.83	3.63	
7+12+12		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+12+24		7	12	24	—	1.95	3.35	6.70	—	3.24	12.00	13.80	0.79	3.31	3.77	3.62	
7+18+18		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+9+24		9	9	24	—	2.57	2.57	6.86	—	3.24	12.00	13.80	0.79	3.32	3.77	3.61	
9+12+12		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+12+24		9	12	24	—	2.30	3.07	6.13	—	3.24	11.50	13.20	0.79	3.18	3.64	3.62	
9+18+18	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+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+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	

INDOOR COMBINATION AND VARIABLE CAPACITY FOR 38QUS042D8S5-1 HEAT PUMP (SYSTEM 5)

COOLING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)				RATED CAPACITY (kW)(NOM. COOLING)						TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	UNIT D	MIN.	RATED	MAX.	MIN.	RATED	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	
1:3	18+18	18	18	—	—	5.25	5.25	—	—	—	2.34	10.50	12.30	0.63	3.27	3.35	3.21	
	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		
1:4	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		
1:5	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		
1:5	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+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	
	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+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		
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		
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+9+9	7	7	7															

INDOOR COMBINATION AND VARIABLE CAPACITY FOR 38QUS042D8S5-1 HEAT PUMP (SYSTEM 5)

HEATING

COMB.	INDOOR UNITS	COMBINATIONS (X1000 BTU/H)				RATED CAPACITY (kW)(NOM. COOLING)						TOTAL COOLING CAPACITY (kW)			TOTAL POWER INPUT (kW)			EER (W/W)	
		UNIT A	UNIT B	UNIT C	UNIT D	UNIT A	UNIT B	UNIT C	UNIT D	UNIT D	MIN.	RATED	MAX.	MIN.	RATED	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
1:3	18+18	18	18	—	—	—	5.50	5.50	—	—	—	—	2.34	11.00	12.30	0.57	3.04	3.03	3.62
	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	
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
	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+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
	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+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
	12+12+12+12	12	12	12	12	—	3.00	3.00	3.00	3.00	—	—	3.						

PD PORTABLE



New, more environmentally friendly refrigerant R290



Easy to Carry





**An alternative
air-conditioning solution**

PD PORTABLE



A single solution for cooling and heating.

Carrier's portable unit is a light and compact portable air-conditioner with easy drop-in and drop-out installation and great mobility, with steady wheels and a compact body, an easy to use remote controller, and digital display.

Suitable for room sizes of approximate 13-29 m².

FEATURES



Remote Control



Auto Swing Mode



Auto Restart



Energy Save Mode



Follow Me Mode



High Density Filter



Dryer Mode



Easy to Carry



Auto Diagnosis & Self Protection



Sleep Mode



Timer



Installation Kit



Wheels



Easy to Use



Air-Filter

TECHNICAL CHARACTERISTICS

MODEL	51QPD12N7S	
Cooling capacity	kW	3,5
Input	W	1350
Current	A	5,9
EER	W/W	2,6
Energy Efficiency Class		A
Heating Capacity	kW	2,9
Input	W	1045
Current	A	5,0
COP	W/W	2,8
Energy Efficiency Class		A+
Moisture removal	L/h	3,25
Rated input consumption	W	1600
Rated current	A	8,0
Starting current	A	25
Indoor side air flow (Hi/Mi/Lo)	m ³ /h	420/370/350
Indoor side noise level (Hi/Mi/Lo)	dB(A)	55/54/53
Sound power level (Hi)	dB(A)	64
Refrigerant type		R290
Control type		Remote Control
Operation temp (room temp)	°C	17-35/5-30
Application area (Cooling Standard)	m ²	16-23
Dimension (WxDxH)	mm	467×397×765
Weight	kg	34.4
Compressor Type		ROTARY
Power supply	V-Ph-Hz	220-240V,1Ph,50Hz

Note:
WxDxH = Width x Depth x Height

* Preliminary Data



Turn to the experts

DEHUMIDIFIERS SERIES

NextGen





**Enhance your comfort,
enjoy a cleaner and
healthier indoor air**

NextGen



New series, more environmentally friendly refrigerant R290

FEATURES



NEW REFRIGERANT R290

More environmentally friendly.



PRE-FILTERS

Capture and remove large particles, dust and hairs of pets floating in the air.



HEPA FILTER: (High Efficiency Particulate Air) for models 16 & 20 lt

Highly efficient at containing solid pollutants and airborne particles such as dust, pollen and other atmospheric pollutants. It collects and traps even the very small particles, ensuring a cleaner and healthier atmosphere for you and your loved ones.



AUTOMATIC RESTART

Keeping the previous settings after a power failure.



AUTOMATIC DEFROST

Ice evaporator protection system.



OVERFLOW PROTECTION

When the condensate tank is full, the dehumidifier will automatically switch off.



ILLUMINATED INTERACTIVE DISPLAY

For easy operation and digital display of key functions.



LARGE RELATIVE HUMIDITY ADJUSTMENT RANGE (% RH)

From 35% to 85%, ensuring ideal conditions no matter how small or big the dehumidification need of the area is.



WI-FI ACTIVATED (for models 16, 20, 30 & 50 lt)

With built-in Wi-Fi Stick, the user can operate the device remotely via the Internet. To use this feature the user must install our mobile app, which is freely available for iOS and Android.

TECHNICAL CHARACTERISTICS

MODEL		CDN-10Q7	CDN-12Q7
Moisture removal (30°C/80%)	L/day	10	12
Application area	m ²	31	35
Refrigerant type		R290	R290
Water tank volume	L	2,1	2,1
Air flow (Hi)	m ³ /h	107	118
Sound pressure level (Hi)	dB(A)	44.5	45.5
Rated input	W	230	250
Rated current	A	1,40	1,50
Ambient temp	°C	5-32	5-32
RH Range manual	% RH	35%-85%	35%-85%
Dimension (W*D*H)	mm	320x215x420	320x215x420
Weight	kg	11.0	11.5
Control type		Electronic Control	Electronic Control
Power supply	V-Hz-Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph



NEXTGEN I

MODEL		CDF2-16Q7	CDF2-20Q7
Moisture removal (30°C/80%)	L/day	16	20
Application area	m ²	48	52
Refrigerant type		R290	R290
Water tank volume	L	3	3
Air flow (Hi/Mi/Lo)	m ³ /h	166/135/108	166/135/108
Sound pressure level (Hi/Mi/Lo)	dB(A)	45.5/43.0/41	45.5/43.0/41
Rated input	W	320	360
Rated current	A	1,80	2,10
Ambient temp	°C	5-32	5-32
RH Range manual	% RH	35%-85%	35%-85%
Dimension (W*D*H)	mm	350x245x510	350x245x510
Weight	kg	15.0	15.0
Control type		Electronic Control	Electronic Control
Power supply	V-Hz-Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph



NEXTGEN II

MODEL		CDP-30Q7	CDP-50Q7
Moisture removal (30°C/80%)	L/day	30	50
Application area	m ²	73	116
Refrigerant type		R290	R290
Water tank volume	L	3	6
Air flow (Hi/Lo)	m ³ /h	191/166	353/319
Sound pressure level (Hi/Lo)	dB(A)	50/48.5	49.5/48
Rated input	W	550	850
Rated current	A	2,90	3,70
Ambient temp	°C	5-32	5-32
RH Range manual	% RH	35%-85%	35%-85%
Dimension (W*D*H)	mm	386x260x500	392x282x616
Weight	kg	17.0	19.0
Control type		Electronic Control	Electronic Control
Power supply	V-Hz-Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph



NEXTGEN III



Turn to the experts

AIR PURIFIERS

Pioneering Air^{UV} Pioneering Air Novel





**Complete your comfort,
feel the fresh air**

AIR PURIFIERS

Pioneering Air^{UV}



Clean air inside your home is key to long-lasting comfort. Even when the temperature and humidity levels are ideal, pet dander and pollen circulating in the air can trigger allergy and asthma symptoms. To remove these irritants and have clean indoor air, a **Carrier purifier** is your best option.

Light has an amazing power... it gives life! You may wonder how light works against airborne microbes or generally improves the air quality of your home. As air is forced through the device, it passes through UV lamps, which directly disinfect the air by means of germicidal irradiation. The UV lamps can alter the DNA of microorganisms and inactivate or destroy them.

Thus, the Photocatalyst filters together with Activated Carbon filters, HEPA & UV light form a fully advanced filtration system that improves the quality of your indoor air.

FEATURES



IONIZER

The Negative Ion filter releases negative ions, offering a fresher, revitalizing indoor atmosphere.



HEPA FILTER H13 (High Efficiency Particulate Air, Class H13)

Highly Efficiency filter removing particles as small as 0.3 μm from the air such as dust, pollen, and other atmospheric microorganisms.



PHOTOCATALYST FILTER

Photocatalytic filter is a very powerful filter that can destroy particles as small as 0.001 microns (nanometer).



ACTIVATED CARBON FILTER

A deodorizing filter that eliminates unpleasant odors, so you get a fresh indoor air.



PRE-FILTERS

Capture and remove large particles, dust and hairs of pets floating in the air.



DC INVERTER

DC Inverter technology significantly increases energy efficiency and performance for a wide operation range.



REMOTE CONTROL

Control your device remotely.



AIR QUALITY INDICATOR

Four (4) quality indicators:
Blue - perfect, Green - good, Purple - normal, Red - bad.



CONTROL PANEL

Easy operation and digital display of functions.



SLEEP MODE

Creates for you a quiet and comfortable sleep environment.



FILTER CHANGE REMINDING

According to the actual use of the filter, the product automatically calculates the expiration time of the filter. After the filter expires, the replacement indicator is flickering and reminding to change the filter.



TIMER

1-8 hours timing.



AUTO MODE

Detect the air quality automatically. Choosing the auto mode, will give you the most appropriate fan speed..



CHILD LOCK

Prevent children from changing air purifier settings.

TECHNICAL CHARACTERISTICS

MODEL		CAFN026LC2	CAFN036LC2	CAFN051LC2
Coverage Area*	m ²	18.2-31.2	25.2-43.2	35.7-61.2
Power Consumption	W	23	33	66
CADR	m ³ /h	260	360	510
Air Volume	m ³ /h	300	430	600
Motor type		DC Motor	DC Motor	DC Motor
Noise level - sound pressure - 1/2/3/4	dB(A)	26/34/45/58	27/38/47/58	28/41/51/65
Fan Speed		1/2/3/4	1/2/3/4	1/2/3/4
Air quality indicator		4 stages (Blue / Green / Purple / Red)		
Air Filter Configuration		Pre-Filter (washable) H13 HEPA Filter (standard) Active Carbon Filter Photo-catalyst filter		
UV lamp		1	1	2
Replacement Filter reminder		Yes	Yes	Yes
Anion	pcs/cm ³	10 x 10 ⁶	10 x 10 ⁶	10 x 10 ⁶
		1	1	2
Timing (1/4/8 hours)		1/4/8 hours	1/4/8 hours	1/2/4/8 hours
Dimension (D x W x H)	mm	347*175*535	410*210*628	460*230*710
Weight	kg	5,2	7,0	10,0
Power Supply	V/Hz	220 -240V/ 50-60Hz	220-240V/ 50-60Hz	220-240V/ 50-60Hz

* The Calculating formula of Coverage Area(m²)= CADR*0.07-0.12

CADR	120	260	510
0,08	9,6	20,8	40,8
0,12	14,4	31,2	61,2
0,14	16,8	36,4	71,4
0,16	19,2	41,6	81,6



Turn to the experts

AIR PURIFIERS

Pioneering Air



Indoor air pollution occurs when pollutants like dust particles and gases contaminate the air of indoor areas. So, it is crucial to remove these pollutants, improve the indoor air quality and achieve fresh, breathable air.

Activated Carbon filters help you achieve this goal, as they trap impurities like: Dust, Lint, Mold spores, Smoke, Pet hair, Common household chemicals, Volatile organic compound.

If used in conjunction with a HEPA filter, the activated carbon works to prevent larger particles like dust and lint from reaching it, enabling the HEPA filter to perform better and last longer.

FEATURES



IONIZER

The Negative Ion filter releases negative ions, offering a fresher, revitalizing indoor atmosphere.



HEPA FILTER

Highly efficient at containing solid pollutants and airborne particles such as dust, pollen and other atmospheric pollutants.



ACTIVATED CARBON FILTER

A deodorizing filter that eliminates unpleasant odors, so you get a fresh indoor air.



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Four (4) quality indicators: Blue - perfect, Green - good, Purple - normal, Red - bad.



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TIMER

1-8 hours timing



AUTO MODE

Detect the air quality automatically. Choosing the auto mode, will give you the most appropriate fan speed.

TECHNICAL CHARACTERISTICS

MODEL		CAFN026LC1	CAFN036LC1	CAFN051LC1
Coverage Area*	m ²	18.2-31.2	25.2-43.2	35.7-61.2
Power Consumption	W	20	30	60
CADR	m ³ /h	260	360	510
Air Volume	m ³ /h	300	430	600
Motor type		DC Motor	DC Motor	DC Motor
Noise level - sound pressure - 1/2/3/4	dB(A)	26/34/45/58	27/38/47/58	28/41/51/65
Fan Speed		1/2/3/4	1/2/3/4	1/2/3/4
Air quality indicator		4 stages (Blue / Green / Purple / Red)		
Air Filter Configuration		Pre-Filter (washable) H11 HEPA Filter (standard) Active Carbon Filter		
Replacement Filter reminder		Yes	Yes	Yes
Anion	pcs/cm ³	10 x 10 ⁶	10 x 10 ⁶	10 x 10 ⁶
		1/4/8 hours	1/4/8 hours	1/2/4/8 hours
Timing (1/4/8 hours)	mm	347*175*535	410*210*628	460*230*710
Dimension (D x W x H)	kg	5,2	7,0	10,0
Weight	V/Hz	220 -240V/ 50-60Hz	220-240V/ 50-60Hz	220-240V/ 50-60Hz
Power Supply	V/Hz	220 -240V/ 50-60Hz	220-240V/ 50-60Hz	220-240V/ 50-60Hz

* The Calculating formula of Coverage Area(m²)= CADR*0.07-0.12

CADR	120	260	510
0,08	9,6	20,8	40,8
0,12	14,4	31,2	61,2
0,14	16,8	36,4	71,4
0,16	19,2	41,6	81,6



Turn to the experts

AIR PURIFIERS

Novel



Indoor air pollution is actually more dangerous than the outdoor because the air is more concentrated in closed spaces. Removing the air pollutants can improve the quality of your indoor air.

For higher effectiveness High Efficiency Particulate Air (HEPA) filtration system is needed. HEPA filtration system satisfies certain levels of efficiency that is why it is recognized worldwide as the best filtration system. HEPA filters are incredibly effective at capturing almost every size of particle.

FEATURES



IONIZER

The Negative Ion filter releases negative ions, offering a fresher, revitalizing indoor atmosphere.



HEPA FILTER H13 (High Efficiency Particulate Air, Class H13)

Highly Efficiency filter removing particles as small as 0.3 μm from the air such as dust, pollen, and other atmospheric microorganisms.



PRE-FILTERS

Capture and remove large particles, dust and hairs of pets floating in the air.



AIR QUALITY INDICATOR

Four (4) quality indicators:
Blue - perfect, Green - good, Purple - normal, Red - bad.



AIR FLOW

Four stages of air flow speed adjustment
"Low" \rightarrow "High" \rightarrow "Auto" \rightarrow "Sleep".



CONTROL PANEL

Easy operation and digital display of functions.



SLEEP MODE

Creates for you a quiet and comfortable sleep environment.



FILTER CHANGE REMINDING

According to the actual use of the filter, the product automatically calculates the expiration time of the filter. After the filter expires, the replacement indicator is flickering and reminding to change the filter.



AROMATHERAPY KIT

Receptors and sponges for placement and diffusion of essential oils (e.g., eucalyptus, lavender, etc.).



STANDBY MODE

Helps conserve power when a device is not in use.



TIMER

1-8 hours timing

TECHNICAL CHARACTERISTICS

MODEL

		CAFN012LC1
Coverage Area*	m ²	14
Power Consumption	W	30
CADR	m ³ /h	120
Air Volume	m ³ /h	140
Motor type		AC Motor
Noise level - sound pressure - 1/2/3/4	dB(A)	55/35/25
Fan Speed		High / Mid / Low
Air quality indicator		4 stages (Blue / Green / Purple / Red)
Air Filter Configuration		Pre-Filter H13 HEPA Filter
Replacement Filter reminder		Yes
Anion	pcs/cm ³	10 x 10 ⁶
		1/2/4/8 hours
Timing (1/4/8 hours)	mm	228*228*324
Dimension (D x W x H)	kg	2,5
Weight	V/Hz	220-240V/ 50-60Hz
Power Supply	V/Hz	220 -240V/ 50-60Hz

* The Calculating formula of Coverage Area(m²)= CADR*0.07-0.12

CADR	120	260	510
0,08	9,6	20,8	40,8
0,12	14,4	31,2	61,2
0,14	16,8	36,4	71,4
0,16	19,2	41,6	81,6



Turn to the experts



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AHI CARRIER FZC is one of the largest Carrier Joint Venture distributing companies sharing common vision and values with Carrier Corporation.

It was formed in December 2008 between Carrier Corporation and Air-conditioning & Heating International (AHI) and become the authorised distributor of Carrier Corporation HVAC product ranges in Central & South Eastern Europe, Russia, CIS, New Zealand, Central East & South Africa and parts of Middle East.

AHI CARRIER EUROPE consists a region of 15 countries with Headquarters in Athens and affiliated offices in Sofia, Bucharest, Vienna and Prague.

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GREECE

AHI CARRIER S.E. EUROPE SINGLE MEMBER S.A.

Headquarters

18, Kifissou Ave.
104 42 - Athens
Tel.: +30 210 6796300

Thessaloniki Branch

5, Ag. Georgiyo str., Cosmos Offices
570 01 - Patriarhiko Pileas Thessaloniki
Tel.: +30 231 3080430

grinfo@ahi-carrier.eu
www.toshiba-aircon.gr

BULGARIA

AHI CARRIER HVAC BULGARIA EOOD

Trade Center Europe Building 6,
floor 3, office 6
7 Iskarsko Shose Blvd., Sofia 1528
Tel.: +35 929483960
bginfo@ahi-carrier.com
www.ahi-carrier.bg
www.toshiba-aircon.bg

ROMANIA

AHI CARRIER ROMANIA SRL

Intrarea Nestorei 1, Corp B, Et. 5, Sector 4
Cladirea River Plaza, RO-040295 Bucuresti
Tel.: +40 214 050751
roinfo@ahi-carrier.eu
www.ahi-carrier.ro
www.toshiba-aircon.ro

AUSTRIA

AHI CARRIER GMBH

Andromeda Tower, Donau-City Str. 6/9
1220 Wien, Österreich
Tel.: +43 1 269 969 710
info@ahi-carrier.at
www.ahi-carrier.at

CZECH REPUBLIC

AHI CARRIER CZ S.R.O.

Styblova 253/13,
14900 Praha 5, Chodov
Tel.: +420 212 812 030
info@ahi-carrier.cz
www.ahi-carrier.cz

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