

CH
Cooper & Hunter

Proud Sponsor



RESIDENTIAL AIR CONDITIONERS CATALOGUE **2025**



Proud Sponsor



Cooper&Hunter becomes the official sponsor of the New York Yankees!

We are proud to support and admire the passion for game of the New York Yankees baseball club, and we are excited about the new opportunities for a mutually beneficial partnership with the NY Yankees. This partnership is an important milestone for us as we join forces with one of the most famous teams in sports history.



Watch More On
 YouTube



NASCAR



NASCAR & Cooper&Hunter

The multifacetedly talented Chad Finchum - a skilled HVAC technician and professional NASCAR driver joined the NASCAR in Texas.

Cooper&Hunter USA is proud to sponsor the young and talented driver!

Victory at the wheel of Cooper&Hunter!



Watch More On
 YouTube





In 2024, the Florida Panthers completed their 30th season, by winning their first Stanley Cup, a year and 11 days after losing in the final to the Vegas Golden Knights.

“The Florida Panthers, along with Cooper&Hunter, are leaders in sports, leaders in HVAC!”



Watch More On
 YouTube





Cooper&Hunter

History

Following the best traditions of the leading companies in the field of climate control equipment production in the USA, in 2003 **Cooper&Hunter International Corporation** began production of a wide range of climate control equipment under its own under its own brand name. For many years **Cooper&Hunter** brand successfully presented on USA market through company Comfortside LLC located in Doral, Florida(headquarters). Due to solid team professionals staff and large production stock Comfortside LLC providing its leadership on US HVAC market for decades.

Two ideologies, two directions, two leaders came together to to create a new product. Exquisite design, in line with the fashion trend, ergonomics and comfort are combined with innovative developments, modern technologies and high quality.

COMFORT INNOVATIONS - these words have become the brand's slogan **Cooper&Hunter**

With more than 20 years of experience in the air conditioning and ventilation, **Cooper&Hunter** is becoming a leading manufacturer and supplier of heating, ventilation, air conditioning, refrigeration and control systems for the residential, commercial and industrial markets, commercial and industrial markets.

Cooper&Hunter products are exported to more than 50 countries and regions of the world, opening new markets every year.

Authorized **Cooper&Hunter** installers have the technical knowledge, confirmed by certificates. Their task is to providing professional technical advice, correct installation of air conditioning systems and service, providing the user with support in purchasing an air conditioner and the safety of its operation.

Therefore, **Cooper&Hunter** equipment creates an environment that allows customers to fully enjoy the use of their space for its intended purpose.

C&H (COOPER & HUNTER) trademark is owned by COOPER AND HUNTER INTERNATIONAL CORPORATION (USPTO / United States Patent & Trademark / No. 4494682)



SOCIAL RESPONSIBILITY PROJECT

"WE SAVE THE PLANET"

In the fall of 2019, the global brand of climate Cooper&Hunter, a global brand of climate technology, announced the start the implementation of the long-term project "We save the Planet" project. It covers all countries where climate control equipment is sold "Cooper&Hunter sells climate control equipment (more than 45 countries), including Ukraine.

Corporate social responsibility is a voluntary contribution of business to the social, economic, and environmental industries. The company has decided to strategically and systematic support of environmental, sports and socially important events.





TECHNOLOGICAL FEATURES

Inverter



This technology extends the service life of the air conditioner by 30-50% and saves energy on average by 30% more than On-Off models. The principle of operation of the inverter is that the compressor is powered by an inverter circuit: converting alternating current to direct current, then bringing the direct current to the required current and voltage parameters, and then back to alternating current. This allows the compressor to operate continuously by modulating power output.

LED display



Handy LED display on the indoor unit, which displays the current operating mode of the air conditioner, temperature and current system errors.

Energy-efficient copper tubes



The energy-efficient copper heat exchanger tubes have a special trapezoidal internal thread, which increases the heat transfer area. heat exchange area is significantly increased.

Multi-Speed fan



Allows you to adjust the airflow at different speeds, depending on your needs, and prevents cold air drafts.

Crankcase heating system



Electric heating of the compressor crankcase (switched on when the compressor is not running and the outside temperature is $< 5^{\circ}\text{C}$) increases the unit's availability. Heating of the of the condensate drip tray (turns on whenever the outside temperature is $< 0^{\circ}\text{C}$, regardless of the operating status of the device) prevents condensation from freezing.

Two-Stage Compressor



The design of a two-stage compressor consists of two refrigerant compression cylinders, which distinguishes it from a conventional compressor. In the first cylinder, freon undergoes a precompression procedure to 0.3-0.4 MPa, and in the second, freon vapors are compressed to the maximum pressure. When the amount of freon vapors coming from the outdoor unit decreases, a special solenoid valve opens to maintain a stable injection temperature into the indoor unit, which supplies the missing freon vapors with medium pressure from the intercooler.

The use of this mechanism reduces expansion losses by reducing the amount of refrigerant at the evaporator inlet. It also reduces the amount of refrigerant supplied to the first compression chamber of the compressor. As a result, the pressure loss in the evaporator and the compression power in the compressor are reduced. Compressor operation is controlled by measuring the temperature difference between the inlet of the separator and the suction port of the second stage compression chamber of the compressor.

BlueFin



Protects the surface of the heat exchanger from corrosion, which can occur due to the interaction of metal parts with moisture or aggressive chemicals in the in the air.

Ensures efficient heat exchange, helping the air conditioner to operate efficiently at high temperatures.

Reduces water accumulation on the surface of the heat exchanger, which helps to avoid dirt and dust buildup.

Increases the service life of the air conditioner, as it prevents damage from corrosion and other elements.

INTELLIGENT FEATURES

I-Action Technology



This technology was developed and successfully applied in Cooper&Hunter inverter air conditioners.

It is based on the principle of changing the rotor speed of the electric motor, which ensures variable compressor performance. Thanks to I-ACTION, the compressor uses only the capacity required for efficient system operation. There are no constant starts and stops, and as a result, the system operates without high inrush currents and excessive energy consumption. Efficient operation of the compressor at the lowest rotation speed (1 Hz) allows for the highest level of energy efficiency of the system (up to 40 W/h). This, in turn, provides high-precision control of the air conditioner, maintaining a comfortable level of indoor climate in a wide range of temperature range.

I-ACTION ADVANTAGES:

- Ultra-low compressor speed (1Hz).
- Ecological refrigerant R32
- Automatic voltage adaptation (96-265V)
- Modern high-speed processor
- Incredibly low noise level (up to 18 dB)
- Reliable operation
- Precise temperature control (up to 0.5°C)
- Turbo mode
- Continuous operation in modes from maximum to minimum to minimum.

CH-AI Technology



CH-AI technology takes into account the temperature, weather conditions, room area, heat load and other factors for analysis, which further adapts the air conditioner parameters for different system modes, increasing the level of energy saving and and comfort.

Using CH-AI technology, the air conditioner adapts to the environment and better understands the user's needs.

An example of the technology is the smooth distribution of coolness or heat to each corner of the of the room.

Auto Light



The indoor air conditioner unit automatically adjusts the brightness of the LED display, depending on the depending on the ambient light.

Self Diagnostic



The air conditioner's self-diagnostic function automatically monitors the quality of its operation. This function detects problems and shows an error code on the display, providing a system of precautions to avoid negative consequences.

This ensures a timely response to possible emergencies and maintains the smooth functioning of the air conditioning system. air conditioning system.

Intelligent Defrost



Function that reduces the defrosting time of the outdoor unit. The function reduces the defrosting time of the outdoor air conditioning unit, ensuring comfortable and invisible defrosting. This is achieved by using a temperature sensor and heating elements that ensure for efficient defrosting. This function allows you to reduce energy consumption This function reduces energy consumption and increases the operating time of the air conditioner.

Auto Restart



Provides automatic restart of the system the system after a power outage. In case of sudden power outage the air conditioner turns off and loses its settings. Auto Restart helps to avoid this by returning the air conditioner to its previous state.

HEALTH FEATURES

Eco Fresh Technology



This is an integrated electrostatic precipitator that is able to capture large impurities such as dust and prevent it from entering the device.

CH-7 Sky Technology



The unique technology of total air purification air, allows you to achieve perfect air purity in your home.

The combined filtration system consists of of seven types of filters that effectively neutralize a variety of pathogens in the in the room air.

X-fan Function



Automatically removes excess moisture from the indoor unit heat exchanger and the pan, after the air conditioner is in the air conditioner in cooling mode.

CH-UV Cleaner Technology



The UV lamp built into the indoor unit generates ultraviolet radiation that is capable of performing an effective sterilization function against viruses and bacteria up to 99% (certified effectiveness).

It does not emit ozone, so it is safe for humans.

The wavelength of ultraviolet radiation is 270-280 nm: bactericidal and virucidal power of ultraviolet radiation in the range of 200-300nm is widely recognized.

CH-Smart Ion Technology



This disinfectant filter combines adsorption and sterilization together, so that bacteria and viruses have nowhere to hide and the indoor air quality is maintained at the proper level. Even bacteria on the surface of household items are destroyed.

Bacteria, fungi, pollen, and other contaminants are neutralized, house mites and other pollutants are neutralized,

present in the indoor air. Its effectiveness in killing bacteria is very high: it reaches 93%, against the average of 80% for similar systems. Removes over 400 types of odors.

Double Self-Clean Technology



This is a technology that automatically cleans the heat exchanger of the indoor unit from dirt. Over time, dust and bacteria can build up on the heat exchanger.

Thorough and effective cleaning the heat exchanger is cleaned in 4 stages: freezing and ice formation, defrosting and drying to remove all dust and dirt, as well as and any traces of condensation, and the last stage of sterilization, during which the evaporator will operate for at least 10 minutes at 56°C.

This technology increases the efficiency of heat transfer, eliminates unpleasant odors, allowing you to breathe freely and saves money on device maintenance

Fresh Air Kit Unit



Air conditioners with the possibility of mixing in fresh air are used when the natural ventilation in the room cannot cope or is not available at all. The Fresh Air Kit module operates on the principle of artificially injecting air from the street.

As the air passes through the system, it is filtered by a HEPA filter, cooled, and fresh air enters the room. This module not only injects clean and fresh air, but also exhausts the exhaust air from the room to the the exhaust air outside.

CONTROL FEATURES

Wi-Fi



Control the air conditioner from anywhere in the world. With this function, you can remotely control the climate in your home at any time of the year using your phone or tablet.

Remote Controller



The remote control is a small and convenient device that sends commands using infrared radiation. You can use it to control almost all modes and functions of your air conditioner.

Locking th Remote Controller



To prevent young children from playing with the remote control, Cooper&Hunter has developed a special remote control lock function.

Daily Timer



This is a function on the remote control that allows you to set the air conditioner to automatically on and off automatically at the desired time, within 24 hours.

Wired Controller



It has an hourly programmable schedule of up to two weeks. It comes with 8 meters of ready-to-wire to make installation quick and easy. The large display and keypad make programming easy and allow you to customize the schedule for programming and allow you to customize your schedule for your comfort and lifestyle.

Dry Contact



The air conditioner will start when the customer inserts the key card and automatically stop when they remove the key card, ensuring that the unit shuts down after people leave the room. After disconnecting the key card to stop the device, the operating states of the device will be memorized. When the key card is inserted, the device will enter standby mode or resume operation according to the previous settings.

Connected to BMS



Most Cooper&Hunter air conditioners, both split systems and multi-split systems, can be controlled by a BMS system using the Modbus RTU protocol. This solution provides real-time monitoring of the devices in real time. This means that air conditioners Cooper&Hunter air conditioners can be easily and quickly connected to all the most popular smart home systems available on the Ukrainian market.

Integration is simple and does not require additional modules and extensions. To implement BMS control, each indoor unit must be connected only to a wired controller with a Modbus RTU interface.

COMFORT FEATURES

Cooling Mode



Air conditioner operating mode is cooling at high room temperature.

Heating Mode



Air conditioner operates in heating mode at low room temperature.

Ventilation Mode



The ventilation mode in the air conditioner provides mixing the air in the room and distributes it over the entire area. In this case the compressor is not involved, but only the fan.

Dry Mode



Dry mode is designed to reducing the humidity level in the room without significantly changing the temperature. Unlike from the cooling mode, which simultaneously reduces temperature and humidity at the same time, the dehumidification mode focuses only on removing excess moisture from the air.

Humidity Control



The humidity control function takes into account temperature, humidity and energy efficiency parameters to create the optimal indoor climate for human health, without neglecting the parameters of energy saving. The air conditioner selects the most accurate level of humidity level, providing the user with optimal comfort with the highest energy efficiency.

Operating Modes	Humidity Settings
Cooling Mode	40%~80%
Dry Mode	30%~70%

I-Feel Function



The function is activated by pressing the "I-FEEL" button on the remote control. When this function is activated, the room temperature is measured not by the sensor located in the indoor unit, but by the temperature sensor built into the remote controller. This allows you to detect and adjust the temperature in the area where the remote control is located. Place the remote control close to you and allow the air conditioner to create the most comfortable environment.

Turbo Mode



In TURBO mode, the air conditioner runs for a while after switching on, with increased power. This allows you to reach the desired room temperature faster. For example, cooling a room from 33°C to 23°C in Turbo mode will take approximately 2 times less time than in normal mode. When the desired room temperature is reached, the air conditioner will continue to operate in the normal mode.

Hot Start



This technology avoids cold air being delivered when the air conditioner starts up. The air conditioner starts after the compressor has reached operating temperature. This ensures smooth and efficient operation of the air conditioner, which in turn, ensures safe and long-lasting operation of your air conditioner.

Horizontal Swing



Horizontal Swing (or "swing") is an air conditioner mode in which the horizontal louvers of the indoor unit automatically move up and down, to create a large airflow with a wide coverage area.

This allows you to evenly distribute the cooled (or heated) air evenly throughout the room, avoiding a directed flow to people.

Vertical Swing



Vertical Swing (or "swing") is mode of operation of the air conditioner, in which a group of vertical louvers on the indoor unit automatically move from right to left, creating a voluminous airflow with a large coverage area.

Even air distribution prevents the feeling of a draft and discomfort from directional airflow, while cooling or heating of the room is faster and more evenly.

+8°C Function



This function allows the air conditioner to maintain a temperature of +8°C without allowing the room to freeze and using minimal electricity. The function +8°C function is relevant in the cold season, for country houses and cottages without central heating, as well as for temporarily vacant rooms that are temporarily unoccupied.

Sleep Mode



The Sleep mode in the air conditioner is a smart function that changes the operation of the device to make your sleep as pleasant and as economical as possible. Instead of maintaining the same temperature all night long, the air conditioner starts to change it smoothly. In the cooling mode, it will gradually become a little warmer in cooling mode and slightly cooler in the heating mode. This mimics the natural changes in our body temperature while we sleep so that you are neither hot nor cold.

- Cooper&Hunter air conditioners are available in 4 comfortable sleep modes:
- Sound sleep - the air conditioner mode works in unison with your biorhythms.
- Easy wake-up - the temperature is automatically adjusted to make your to ensure that you wake up feeling refreshed and energized.
- Siesta - the optimal temperature for your for your afternoon nap.
- Personalized settings - choose the temperature for your sleep that you prefer.

Clothes Dry



Using the drying function in the air conditioner drying function, you simply place the damp laundry on the floor dryer and switch on the continuous drying mode.

The moisture condensed from the laundry is removed by the air conditioner, thereby maintaining the normal humidity balance in the room.

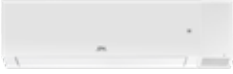


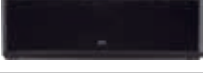





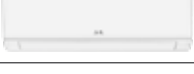
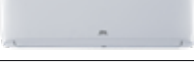


Quiet Mode



In the quiet mode, the sound pressure level of the indoor unit is up to 18 dB(A), which is comparable to the sound of a quiet summer night. The outdoor unit's quiet mode reduces the noise level by up to 40 dB(A), ensuring peace of mind for your immediate neighbors.

This ensures that the unit operates almost invisibly at night, while maintaining an optimal air temperature.

COMPARATIVE TABLE OF FEATURES

		Comfort													
		Cooling Mode	Heating Mode	Ventilation Mode	Dry Mode	Humidity Control	I-Feel Function	Turbo Mode	Hot Start	Horizontal Swing	Vertical Swing	Heating +8°C	Sleep Mode	Clothes Dry	Quiet Mode
	NATURE Series White/ Black	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	MAJESTY Series Silver/Gold	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SUPREME Series White/Silver/Gold/Black	•	•	•	•		•	•	•	•	•	•	•		•
	SUPREME Continental Series White/Silver/Gold/Full Black	•	•	•	•		•	•	•	•	•	•	•		•
	ARCTIC NG Series	•	•	•	•		•	•	•	•	•	•	•		•
	ARCTIC Plus Series	•	•	•	•		•	•	•	•	•	•	•		•
	DAYTONA Series White/Silver/Black	•	•	•	•		•	•	•	•	•	•	•		•
	VERITAS NG Series	•	•	•	•		•	•	•	•	• for 24K	•	•		•
	VITAL Inverter Series	•	•	•	•		•	•		•		•	•		•
	VITAL Plus Series	•	•	•	•		•	•	•	•	•	•	•		•
	VEYRON Series	•	•	•	•		•	•	•	•		•	•		•
	CONSOLE Inverter Series	•	•	•	•		•	•	•	•		•	•		•
	AIR MASTER Power Series	•	•	•	•		•	•	•	•		•	•		•

Health							Control					Technology						Intelligent										
CH-Smart Ion	Eco Fresh Technology	CH-7 Sky Technology	X-fan Function	CH-UV Cleaner Technology	Double Self-Clean Technology	Fresh Air Kit Unit	Wi-Fi	Remote Control	Locking Remote Control	Daily Timer	Wired Controller	Dry Contact	Connected to BMS	Refrigerant R32	Refrigerant R410A	Inverter	LED Display	Energy-efficient copper tubes	Multi-Speed Fan	Crankcase heating system	Two Stage Compressor	BlueFin	I-Action Technology	CH-AI Technology	Auto Light	Self-Diagnostic	Intelligent Defrost	Auto Restart
●	●	●	●	●	●	○ for 9K, 12K	●	●	●	●	○	○	○	●		●	●	●	●	●		●	●	●	●	●	●	●
●	●	●	●	●	●		●	●	●	●	○	○	○	●		●	●	●	●	●		●	●	●	●	●	●	●
●	●	●	●				●	●	●	●	○		○	●		●	●	●	●	●	●	●	●			●	●	●
	●	●	●	●	●		●	●	●	●	○	○	○	●		●	●	●	●	●		●	●			●	●	●
●	●	●	●		●		●	●	●	●	○	○	○	●		●	●	●	●	●		●	●			●	●	●
●	●	●	●		●		●	●	●	●	○	○	○	●		●	●	●	●	●		●	●			●	●	●
●	●	●	●		●		●	●	●	●	○	○	○	●		●	●	●	●	●		●	●			●	●	●
●	●	●	●		●		●	●	●	●	○	○	○	●		●	●	●	●	●		●	●			●	●	●
●	●	●	●		●		●	●	●	●				●		●	●	●	●	●		●	●			●	●	●
●	●	●	●		●		●	●	●	●	○	○	○	●		●	●	●	●	●		●	●			●	●	●
	●				●		○	●	●	●				●		●	●	●	●	●		●	●			●	●	●
●	●		●		●		●	●	●	●	○	○	○	●		●	●	●	●	●		●	●			●	●	●
	●	●	●				●	●	●	●					●	●	●	●	●	●		●	●			●	●	●

● The standard equipment ○ Optional

NEW

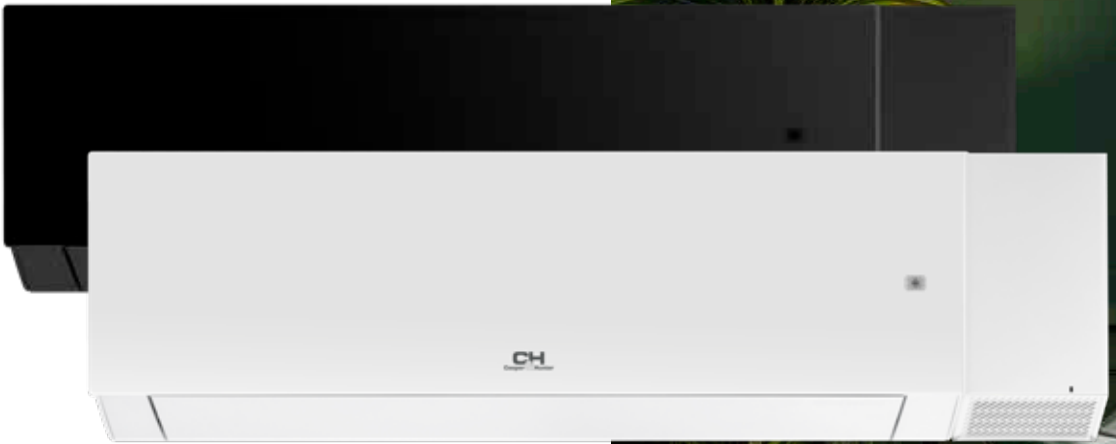
A+++

+50°C

-25°C



Gen VI



NATURE

SERIES

Technology from the future at your house

During creation of home design the most important thing is functionality & style. Nature Series are inspired not only by the product design. Basically, Nature Series are stands for innovations due to unique technologies you are able to control indoor temperature/humidity but the most thing about **Nature is fresh air supply** via Nature heat pump. Fresh air comes from special device accessory. As a result, your home environment is completed by fresh clean air from outside without any sound distractions, dust and draughts.

In-built **CH-AI technology** provides deep analysis and research of parameters & adjustments to get the most effective and safe-cost productivity.

Additionally Nature heat pump providing the precise neutralizing of bacteria & germs due to **CH-UV Cleaner** function.

FRESH AIR KIT UNIT



Compare to standard fresh air supply Fresh Air Kit unit providing heat/cooling recovery and saves energy costs during heating/cooling operation. The unit is separately connected and can operate autonomously. If you are looking for innovative fresh air recovery solution, Fresh Air Kit by Nature heat pump is made for you.

CH-HRV030S* Fresh Air Kit unit with heat exchanger

This fresh air module is available as an option for Cooper&Hunter's NATURE series air conditioners and allows you to utilize the thermal energy of the exhaust air using a unique heat recovery system. The module is easy to clean, and the electrical connection between the module with the indoor unit panel can be made in one simple step. Fresh and exhaust air is sucked in and filtered through a HEPA filter to ensure clean air in your your home. The filter is replaceable and easy to clean.

Pre-cooling of hot outdoor air before it is delivered to reduce indoor cooling losses.



Cooling test conditions
 $\Delta T=8^{\circ}\text{C}$

Preheating of cold outside air before it is delivered to reduce heat loss in the room.

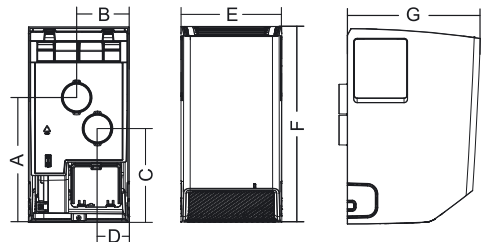


Heating test conditions
 $\Delta T=25^{\circ}\text{C}$

	Exhaust air intake		Fresh air intake	
	Dry-bulb temp, °C	Wet-bulb temp, °C	Dry-bulb temp, °C	Wet-bulb temp, °C
Heat exchange (cooling) efficiency	27	19.2	35	28
Heat exchange (heating) efficiency	21	13	5	2

CH-HRV030S-*			
Rated voltage	V	12±0,5	
Power	W	13	
Sound pressure max	dB (A)	42	
Weight	kg	1.8	

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
CH-HRV030S-*	187	79	141	49	151	293	200



* Unit can be dispatched in two various colours: white matt (WP)/black matt (BL)

NATURE Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010



Fresh Air Kit
CH-HRV030S-***

Health Features



ECO Fresh
technology



CH 7 Sky
Technologies



CH Smart Ion
technology



X-Fan function



CH-UV
technology



Double Self-
Clean technology



FRESH AIR KIT
(option)

Comfort Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



Humidity
Control



Dry Clothes
Function



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



CH-AI
technology



I Action
technology



Auto Restart



Self
monitoring



Auto Defrost



Auto Light

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

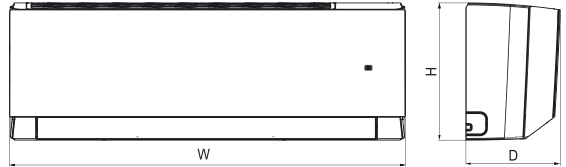


Crankcase
heating system

System			CH-S09FTXAN-***	CH-S12FTXAN-***	CH-S18FTXAN-***	CH-S24FTXAN-***
Capacity	Cooling	kW	2.7	3.51	5.3	7.1
	Heating	kW	3.0	3.81	5.6	7.3
Rated power	Cooling	kW	0.68	0.836	1.472	2.03
	Heating	kW	0.67	0.929	1.365	1.87
Energy efficiency	Cooling (SEER*)	kW/kW	8.5/A+++	8.7/A+++	8.0/A++	7.0/A++
	Heating (SCOP**)	kW/kW	5.7/A+++	5.7/A+++	5.8/A+++	5.5/A+++

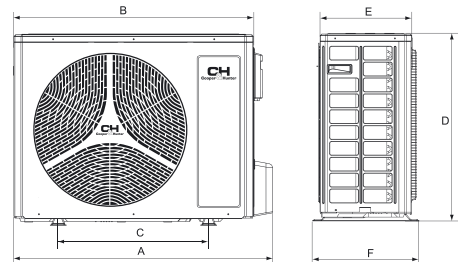
Indoor Unit		CH-S09FTXAN-***	CH-S12FTXAN-***	CH-S18FTXAN-***	CH-S24FTXAN-***
Air flow rate	m ³ /h	610/570/540/470/ 440/420/390/180	720/600/570/530/ 500/460/430/320	1000/880/760/650/ 620/600/550/260	1000/850/760/580/ 520/450/400/280
Sound level pressure	dB (A)	38/37/34/31/26/23/22/19	45/42/40/37/34/29/26/23	45/42/40/37/34/29/26/23	48/44/41/40/38/36/33/27
Draining	l/h	0.8	1.4	1.8	2.4
Weight	kg	9.5	9.5	13.0	13.0

	W (mm)	H (mm)	D (mm)
CH-S09FTXAN-***	837	293	200
CH-S12FTXAN-***	837	293	200
CH-S18FTXAN-***	993	311	222
CH-S24FTXAN-***	933	311	222



Outdoor Unit		CH-S09FTXAN-***	CH-S12FTXAN-***	CH-S18FTXAN-***	CH-S24FTXAN-***
Sound level Pressure	dB (A)	50	56	59	59
Power supply		-220-240 V/50 Hz/1 Ph			
Compressor type		Rotary			
Refrigerant		R32			
Temperature range (cooling)	°C	-15-50			
Temperature range (heating)	°C	-25-30			
Weight	kg	25.0	35.0	37.0	45.0
Distance between fixings	mm	455	528	528	570
Refrigerant charge	kg	0.53	0.57	0.85	1.4
Liquid pipe diameter	mm/inch	6.35 / 1/4"	6.35 / 1/4"	6.35 / 1/4"	6.35 / 1/4"
Gas pipe diameter	mm/inch	9.53 / 3/8"	9.53 / 3/8"	12.7 / 1/2"	15.88 / 5/8"
Max pipeline level difference	m	10	10	10	10
Pipeline max length	m	15	20	25	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXAN-***	732	675	455	555	285	330
CH-S12FTXAN-***	873	805	528	561	316	376
CH-S18FTXAN-***	873	805	528	561	316	376
CH-S24FTXAN-***	958	889	570	660	340	402



*SEER - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode
 *** Unit can be dispatched in two various colours: white matt (WP)/black matt (BL)

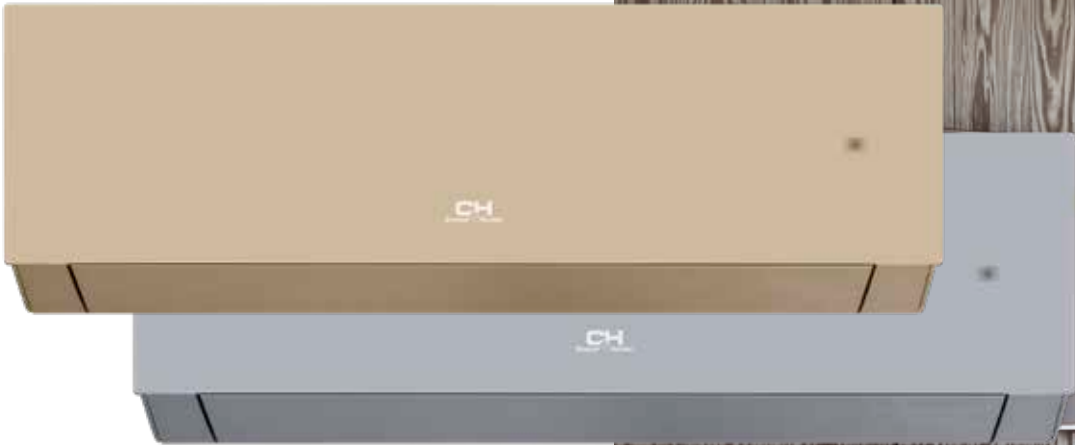
A+++

+50°C

-25°C



Gen VI



MAJESTY

SERIES



Smart & Unique

CH-AI artificial intelligence can learn and practice algorithms in combination with the current temperature of the environment, humidity, room size and other indicators, actively adapting the air conditioner's operating mode.

For even greater user comfort, thanks to the **CH-UV technology**, this heat pump can effectively eliminate microorganisms, bacteria and viruses from the ambient air.

MAJESTY provides **humidity control** during cooling at a level suitable for the complete comfort of the user's full comfort in the range of 40-80%, protecting the skin from drying out.

MAJESTY

MAJESTY Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh technology



CH 7 Sky Technologies



CH Smart Ion technology



X-Fan function



CH-UV technology



Double Self-Clean technology

Comfort Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



Humidity Control



Dry Clothes Function



I-feel



Turbo Mode



Hot Start



Vertical SWING



Horizontal SWING



+8°C Mode



Sleep Mode



Quiet Mode

Control Features



Wi-Fi



Remote Control



Locking Remote Control



Daily timer



Connection to wired controller



Connection to BMS



Dry Contact

Intelligent Features



CH-AI technology



I Action technology



Auto Restart



Self monitoring



Auto Defrost



Auto Light

Technology Features



R32 Refrigerant



Inverter



Blue Fin Coating



LED display



Energy efficient copper tubes



Multi-speed fan

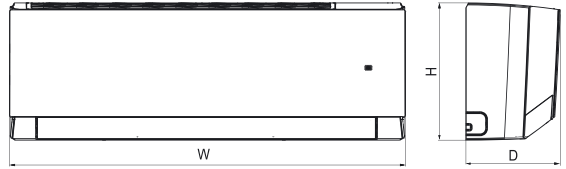


Crankcase heating system

System			CH-S09FTXAM-***	CH-S12FTXAM-***	CH-S18FTXAM-***	CH-S24FTXAM-***
Capacity	Cooling	kW	2.7	3.51	5.3	7.1
	Heating	kW	3	3.81	5.35	7.3
Rated power	Cooling	kW	0.67	0.989	1.582	2.03
	Heating	kW	0.68	0.977	1.393	1.87
Energy efficiency	Cooling (SEER*)	kW/kW	8.5/A+++	7.2/A++	7.3/A++	7.0/A++
	Heating (SCOP**)	kW/kW	5.7/A+++	5.2/A++	5.7/A+++	5.5/A+++

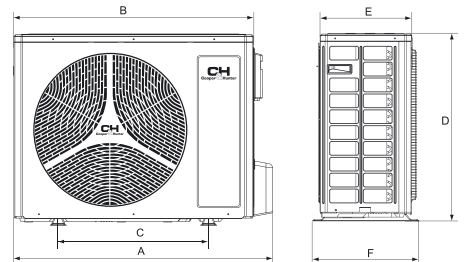
Indoor Unit		CH-S09FTXAM-***	CH-S12FTXAM-***	CH-S18FTXAM-***	CH-S24FTXAM-***
Air flow rate	m ³ /h	610/570/540/470/ 440/420/390/180	680/620/560/490/ 450/420/390/220	1000/850/760/ 650/580/520/450	1000/850/760/580/ 520/450/40/280
Sound level pressure	dB (A)	38/37/34/31/26/23/22/19	41/38/36/33/30/27/25/19	45/42/40/37/34/29/26/23	48/44/41/40/38/36/33/27
Draining	l/h	0.8	1.4	1.9	2.4
Weight	kg	9.5	9.5	12.5	13.0

	W (mm)	H (mm)	D (mm)
CH-S09FTXAM-***	837	293	200
CH-S12FTXAM-***	837	293	200
CH-S18FTXAM-***	993	311	222
CH-S24FTXAM-***	993	311	222



Outdoor Unit		CH-S09FTXAM-***	CH-S12FTXAM-***	CH-S18FTXAM-***	CH-S24FTXAM-***
Sound level Pressure	dB (A)	50	52	56	59
Power supply		~220-240 V/50 Hz/1 Ph			
Compressor type		Rotary			
Refrigerant		R32			
Temperature range (cooling)	°C	-15-50			
Temperature range (heating)	°C	-25-30			
Weight	kg	25.0	28.0	31.5	45.0
Distance between fixings	mm	455	455	512	570
Refrigerant charge	kg	0.53	0.57	0.85	1.4
Liquid pipe diameter	mm/inch	6.35 / 1/4"	6.35 / 1/4"	6.35 / 1/4"	6.35 / 1/4"
Gas pipe diameter	mm/inch	9.53 / 3/8"	9.53 / 3/8"	12.7 / 1/2"	15.88 / 5/8"
Max pipeline level difference	m	10	10	10	10
Pipeline max length	m	15	15	25	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXAM-***	732	675	455	555	285	330
CH-S12FTXAM-***	732	675	455	555	285	330
CH-S18FTXAM-***	802	745	512	555	300	350
CH-S24FTXAM-***	958	889	570	660	340	402



*SEER - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode
 *** Unit can be dispatched in two various colours: silver (SC)/gold (GD)

A+++



+54°C



-30°C



4



SUPREME

SERIES



A powerful pulse of a stylish interior

This model is equipped with a two-stage compressor, which provides maximum efficient operation at extreme outdoor temperatures. This heat pump efficiently heats the room even at outside temperature of **-30°C** and cools the room at temperatures of up to **+54°C**. In addition, it is an extremely energy-saving device with an **energy efficiency class A+++**, which means low operating costs.

Thanks to the **Wi-Fi function**, the air conditioner can be controlled remotely using your smartphone from any location. In addition, it is possible to **connecting to a wired controller**, or **BACNet BMS system**.

Due to the multi-speed fan and quiet operation function, the sound pressure level is as low as **18 dB(A)**.

SUPREME Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F

Health Features



CH 7 Sky
Technologies



ECO Fresh
technology



CH Smart Ion
Technologies



X-Fan function

Comfort Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo
Mode



Hot
Start



Vertical
SWING



Horizontal
SWING



+8°C
Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS

Intelligent Features



I ACTION
I Action
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R32
Refrigerant



Inverter



Two Stage
Compressor



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

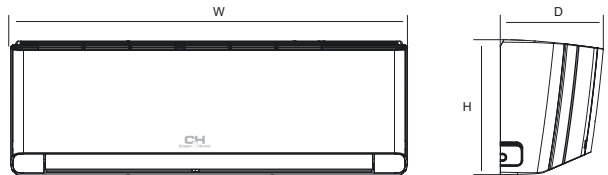


Crankcase
heating system

System			CH-S09FTXAM2S-***	CH-S12FTXAM2S-***	CH-S18FTXAM2S-***	CH-S24FTXAM2S-***
Capacity	Cooling	kW	2.70 (0.70-5.00)	3.53 (0.85-5.00)	5.30 (1.20-7.20)	7.03 (2.00-9.00)
	Heating	kW	3.50 (0.70-5.50)	4.20 (0.88-7.20)	6.20 (1.20-9.20)	7.03 (2.00-9.50)
Rated power	Cooling	kW	0.55 (0.08-1.80)	0.84 (0.06-1.90)	1.18 (0.35-2.50)	1.85 (0.45-3.70)
	Heating	kW	0.75 (0.13-2.40)	0.95 (0.13-2.60)	1.45 (0.35-3.30)	1.75 (0.38-3.80)
Energy efficiency	Cooling (SEER*)	kW/kW	8.5 (A+++)	8.5 (A+++)	7.5 (A++)	6.5 (A++)
	Heating (SCOP**)	kW/kW	5.7 (A+++)	5.7 (A+++)	5.1 (A+++)	5.3 (A+++)

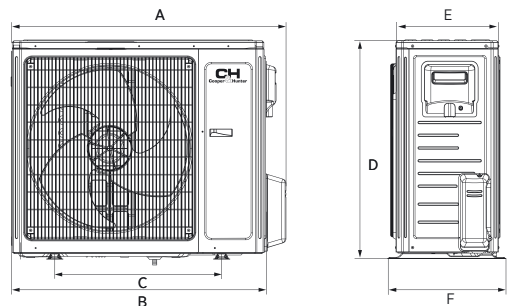
Indoor Unit		CH-S09FTXAM2S-***	CH-S12FTXAM2S-***	CH-S18FTXAM2S-***	CH-S24FTXAM2S-***
Air flow rate	m ³ /h	800/730/680/630/580/450/350/250	800/730/680/630/580/450/350/250	1200/1150/1050/950/850/780/600	1250/1100/950/850/800/750/650
Sound level pressure	dB (A)	44/43/38/36/31/24/22/18	44/43/38/36/31/24/22/20	46/44/42/39/36/34/32	50/46/43/41/39/31/35/27
Druing	l/h	0.8	1.4	1.8	2.0
Weight	kg	13	13.5	16.5	16.5

	W (mm)	H (mm)	D (mm)
CH-S09FTXAM2S-***	996	301	225
CH-S12FTXAM2S-***	996	301	225
CH-S18FTXAM2S-***	1101	327	249
CH-S24FTXAM2S-***	1101	327	249



Outdoor Unit		CH-S09FTXAM2S-***	CH-S12FTXAM2S-***	CH-S18FTXAM2S-***	CH-S24FTXAM2S-***
Sound level Pressure	dB (A)	53	54	56	56
Compressor type		Rotary			
Refrigerant		R-32			
Temperature range (cooling)	°C	-18 ... +54			
Temperature range (heating)	°C	-30 ... +24			
Power supply		~220-240 V/50 Hz/1 Ph			
Weight	kg	44.5	45.5	61	65
Refrigerant charge	kg	1.0	1	1.5	2.0
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	15.88/5/8"	15.88/5/8"
Max pipeline level difference	m	10	10	20	30
Pipeline max length	m	15	20	40	50

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXAM2S-***	899	838	550	596	303	378
CH-S12FTXAM2S-***	899	838	550	596	303	378
CH-S18FTXAM2S-***	1000	920	610	790	370	427
CH-S24FTXAM2S-***	1000	920	610	790	370	427



*SEER - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode
 *** Unit can be dispatched in five various colours: white (WP), balck&silver (BL), full black (FB), silver (SC), gold (GD)



Gen VI



SUPREME Continental

SERIES



The highest quality you deserve

This series is available in a wide range of colours and is characterised by a classic and timeless shape that is ideal for modern and minimalist interiors as well as for avantgarde and contemporary solutions.

Supreme Continental air conditioners can cool and heat rooms with great efficiency thanks to their performance and functionality. This model can operate for cooling up to **+50°C** outside and **-25°C** for heating, which makes it suitable for all conditions.

This model has an energy efficiency rating of up to **A+++** for cooling and heating.

A unique feature is the built-in **CH-UV** air sterilisation with ultraviolet light, which effectively fights 99% of bacteria and viruses. It also kills mould and other microorganisms by destroying their genetic material

SUPREME Continental Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH-UV
technology



Double Self Clean
technology

Health Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo
Mode



Hot
Start



Vertical
SWING



Horizontal
SWING



+8°C
Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I ACTION
technology



Auto
Restart



Self
monitoring



Auto
Defrost

Technology Features



R32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

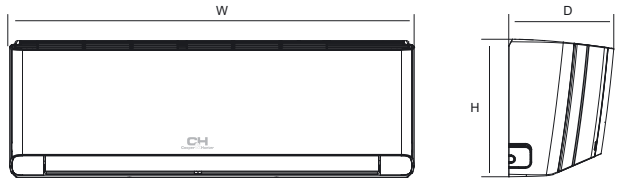


Crankcase
heating system

System			CH-S09FTXAL2-***	CH-S12FTXAL2-***	CH-S18FTXAL2-***	CH-S24FTXAL2-***
Capacity	Cooling	kW	2.70 (0.45-3.50)	3.50 (0.70-4.00)	5.30 (1.26-6.60)	7.10 (2.00-8.32)
	Heating	kW	3.00 (0.45-4.20)	3.81 (0.80-4.50)	5.60 (1.12-6.80)	7.80 (2.00-9.20)
Rated power	Cooling	kW	0.60 (0.09-1.40)	0.88 (0.09-1.40)	1.41 (0.38-2.25)	2.03 (0.40-2.50)
	Heating	kW	0.68 (0.16-1.60)	0.95 (0.18-1.85)	1.33 (0.35-2.50)	2.00 (0.45-3.00)
Energy efficiency	Cooling (SEER*)	kW/kW	9.0 (A+++)	8.5 (A+++)	7.6 (A++)	7.0 (A++)
	Heating (SCOP**)	kW/kW	6.0 (A+++)	5.4 (A+++)	5.7 (A+++)	5.4 (A+++)

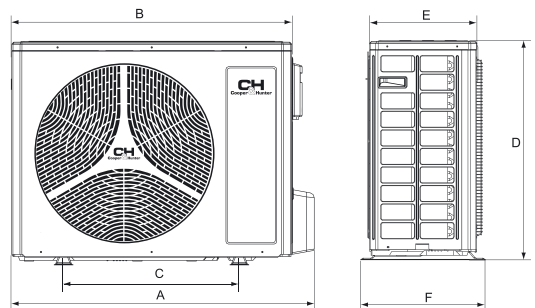
Indoor Unit		CH-S09FTXAL2-***	CH-S12FTXAL2-***	CH-S18FTXAL2-***	CH-S24FTXAL2-***
Air flow rate	m ³ /h	180/390/420/450/490/540/ 590/660	180/390/420/450/490/540/ 590/680	460/520/570/610/680/750/ 850	600/800/850/900/950/ 1000/1100/1250
Sound level pressure	dB (A)	18/22/26/30/34/36/38/41	19/23/29/32/35/37/39/43	30/32/35/37/39/41/45	27/33/36/38/40/41/44/48
Druing	l/h	0.8	1.4	1.8	2.4
Weight	kg	10.5	10.5	13	16

	W (mm)	H (mm)	D (mm)
CH-S09FTXAL2-***	865	290	210
CH-S12FTXAL2-***	865	290	210
CH-S18FTXAL2-***	996	301	225
CH-S24FTXAL2-***	1101	327	249





Outdoor Unit		CH-S09FTXAL2-***	CH-S12FTXAL2-***	CH-S18FTXAL2-***	CH-S24FTXAL2-***
Sound level Pressure	dB (A)	50	52	57	59
Compressor type		Rotary			
Refrigerant		R-32			
Temperature range (cooling)	°C	-15 - +50			
Temperature range (heating)	°C	-25 - +30			
Power supply		~220-240V/50 Hz/1 Ph			
Weight	kg	27	29	42	42.5
Refrigerant charge	kg	0.7	0.80	1	1.5
Liquid pipe diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipe diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	15.88/5/8"
Max pipeline level difference	m	10	10	10	10
Pipeline max length	m	15	20	25	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXAL2-***	732	675	455	555	285	330
CH-S12FTXAL2-***	802	745	512	555	300	350
CH-S18FTXAL2-***	958	889	570	660	340	402
CH-S24FTXAL2-***	958	889	570	660	340	402



*SEER - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode
 *** Unit can be dispatched in four various colours: white (WP), full black (FB), silver (SC), gold (GD)

A+++  +50°C  -25°C Gen VI



ARCTIC NG

SERIES

The soothing **power** of the classics

The ARCTIC NG heat pumps have a classic design that will find a suitable place in any space. This series has been popular on the market for many years. Its latest generation has been enriched with even more high operating parameters.

This model can operate in cooling conditions up to **+50°C** outdoors and down to **-25°C** when heated, which making it suitable for all conditions.

It is equipped with a **CH-Smart Ion filter** as standard, and it is also possible to use additional filters that purify the air from harmful substances. It has **double self-clean function** of the heat exchanger of the indoor unit, which has an invaluable impact on the quality of breathing.

Thanks to the automatic **vertical and horizontal louvers**, a **multi-speed fan** and **3 sleep modes**, it is extremely convenient to use, and the device provides the highest comfort in the in the room!

ARCTIC NG

ARCTIC NG Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



SMART
ION
technology



Double Self Clean
technology

Health Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



WiFi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I ACTION
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

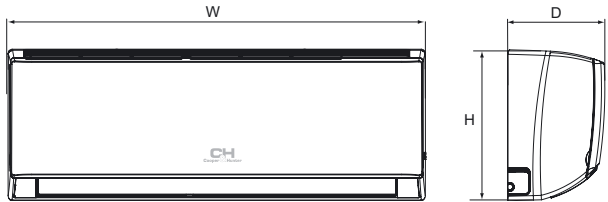


Crankcase
heating system

System			CH-S09FTXLA2-NG	CH-S12FTXLA2-NG	CH-S18FTXLA2-NG	CH-S24FTXLA2-NG
Capacity	Cooling	kW	2.70 (0.80-3.80)	3.51 (0.90-4.40)	5.20 (1.00-6.10)	7.10 (2.00-8.85)
	Heating	kW	3.00 (0.90- 4.25)	3.81 (0.90-4.70)	5.60 (1.10-6.60)	7.80 (1.80-9.45)
Rated power	Cooling	kW	0.69 (0.10-1.30)	0.96 (0.22-1.40)	1.58 (0.10-2.35)	2.03 (0.45-2.90)
	Heating	kW	0.70 (0.15-1.40)	0.95 (0.22-1.55)	1.44 (0.18-2.40)	2.00 (0.35-3.00)
Energy efficiency	Cooling (SEER*)	kW/kW	7.5 (A++)	7.1 (A++)	7.1 (A++)	7.0 (A++)
	Heating (SCOP**)	kW/kW	5.3 (A+++)	5.2 (A+++)	5.7 (A+++)	5.4 (A+++)

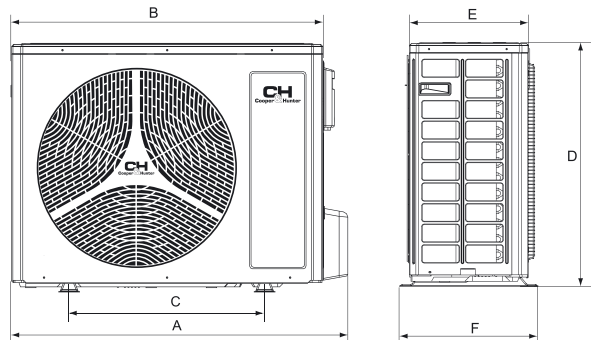
Indoor Unit		CH-S09FTXLA2-NG	CH-S12FTXLA2-NG	CH-S18FTXLA2-NG	CH-S24FTXLA2-NG
Air flow rate	m ³ /h	390/420/440/470/540/570/610	360/420/480/540/600/650/700	460/520/570/610/680/750/850	800/850/900/950/1000/1100/1250
Sound level pressure	dB (A)	20/22/24/26/28/32/37	21/23/24/26/29/33/38	24/27/31/33/38/41/45	27/29/35/37/39/42/47
Druing	l/h	1.69	1.40	1.9	2.4
Weight	kg	10.5	10.5	13	16.5

	W (mm)	H (mm)	D (mm)
CH-S09FTXLA2-NG	845	289	209
CH-S12FTXLA2-NG	845	289	209
CH-S18FTXLA2-NG	970	300	224
CH-S24FTXLA2-NG	1078	325	246



Outdoor Unit		CH-S09FTXLA2-NG	CH-S12FTXLA2-NG	CH-S18FTXLA2-NG	CH-S24FTXLA2-NG
Sound level Pressure	dB (A)	50	52	56	59
Compressor type		Rotary			
Refrigerant		R32			
Temperature range (cooling)	°C	-15 ... +50			
Temperature range (heating)	°C	-25 ... +30			
Power supply		~220-240V/50 Hz/1 Ph			
Weight	kg	24.5	24.5	30.5	41.5
Refrigerant charge	kg	0.53	0.57	0.82	1.50
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"	15.88/5/8"
Max pipeline level difference	m	10	10	10	10
Pipeline max length	m	15	15	25	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXLA2-NG	732	675	455	555	285	330
CH-S12FTXLA2-NG	732	675	455	555	285	330
CH-S18FTXLA2-NG	802	745	513	555	300	350
CH-S24FTXLA2-NG	958	889	570	660	340	402



*SEER - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode

NEW

A+++

+50°C

-25°C

Gen VI



ARCTIC PLUS

SERIES

The soothing **power of the classics**

The ARCTIC NG heat pumps have a classic design that will find a suitable place in any space. This series has been popular on the market for many years. Its latest generation has been enriched with even more high operating parameters.

This model can operate in cooling conditions up to **+50°C** outdoors and down to **-25°C** when heated, which making it suitable for all conditions.

It is equipped with a **CH-Smart Ion filter** as standard, and it is also possible to use additional filters that purify the air from harmful substances. It has **double self-clean function** of the heat exchanger of the indoor unit, which has an invaluable impact on the quality of breathing.

Thanks to the automatic **vertical and horizontal louvers**, a **multi-speed fan** and **3 sleep modes**, it is extremely convenient to use, and the device provides the highest comfort in the in the room!

ARCTIC
NG

ARCTIC PLUS Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



SMART
ION
technology



Double Self Clean
technology

Health Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



WiFi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I ACTION
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

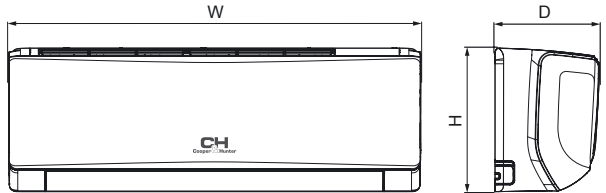


Crankcase
heating system

System			CH-S09FTXLA6	CH-S12FTXLA6	CH-S18FTXLA6	CH-S24FTXLA6
Capacity	Cooling	kW	2.70 (0.80-3.60)	3.51 (0.90-4.30)	5.30 (1.00-6.40)	7.10 (2.00-8.85)
	Heating	kW	3.00 (0.90-3.8)	3.81 (0.90-4.70)	5.60 (1.20-6.80)	7.80 (1.80-9.45)
Rated power	Cooling	kW	0.68 (0.10-1.30)	0.962 (0.12-1.50)	1.50 (0.10-2.30)	2.03 (0.45-2.90)
	Heating	kW	0.68 (0.15-1.40)	0.953 (0.18-1.80)	1.39(0.20-2.35)	2.00 (0.35-3.00)
Energy efficiency	Cooling (SEER*)	kW/kW	8.4 (A+++)	7.1 (A++)	7.3(A++)	7.0 (A++)
	Heating (SCOP**)	kW/kW	5.6 (A+++)	5.2 (A+++)	4.2 (A+++)	4.2 (A+++)

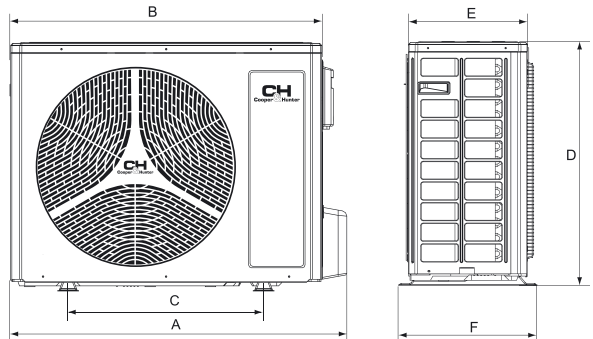
Indoor Unit		CH-S09FTXLA6	CH-S12FTXLA6	CH-S18FTXLA6	CH-S24FTXLA6
Air flow rate	m ³ /h	180/280/310/380/ 440/500/500/610	310/330/380/440/530/580/650	600/640/720/810/870/960/1000	800/850/900/950/1000/1100/1250
Sound level pressure	dB (A)	21/22/24/26/31/34/36/	25/28/31/34/37/39/43	28/30/35/41/43/45/47	35/37/38/40/41/44/48
Druing	l/h	0.8	1.40	1.8	2.4
Weight	kg	9.0	9.0	13.5	15.5

	W (mm)	H (mm)	D (mm)
CH-S09FTXLA6	874	276	206
CH-S12FTXLA6	874	276	206
CH-S18FTXLA6	992	333	252
CH-S24FTXLA6	1130	333	252



Outdoor Unit		CH-S09FTXLA6	CH-S12FTXLA6	CH-S18FTXLA6	CH-S24FTXLA6
Sound level Pressure	dB (A)	51	52	56	59
Compressor type		Rotary			
Refrigerant		R32			
Temperature range (cooling)	°C	-15 ... +50			
Temperature range (heating)	°C	-25 ... +30			
Power supply		~220-240V/50 Hz/1 Ph			
Weight	kg	24.5	25.5	31.5	41.5
Refrigerant charge	kg	0.51	0.55	0.85	1.50
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"	15.88/5/8"
Max pipeline level difference	m	10	10	10	10
Pipeline max length	m	15	20	25	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXLA6	732	675	455	555	285	330
CH-S12FTXLA6	732	675	455	555	285	330
CH-S18FTXLA6	802	745	513	555	300	350
CH-S24FTXLA6	958	889	570	660	340	402



*SEER - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode

A+++ +50°C -25°C Gen VI



DAYTONA

SERIES



Attracts with **style and elegance!**

DAYTONA is an air conditioner that is distinguished by elegant appearance and original body. Its unique design was achieved through the use of a rounded front panel. Silver and graphite indoor units are available in matte units are available in matte finish, and white units are available in glossy.

This model can operate in cooling temperatures of up to **+50°C** outdoors and **-25°C** when heating, making it suitable for any environment.

Automatic **vertical and horizontal louvers** provide comfort in every corner of the room.

The built-in **CH Smart Ion filter** and **double self-cleaning function** of the indoor unit's heat exchanger help to keep the air in your home clean.

Multi-speed fan, hot start, quiet operation function are some of the most important of the many advantages of this air conditioner.

DAYTONA Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH Smart Ion
technology



Double Self Clean
technology

Health Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo
Mode



Hot
Start



Vertical
SWING



Horizontal
SWING



+8°C
Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I Action
technology



Auto
Restart



Self
monitoring



Auto
Defrost

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

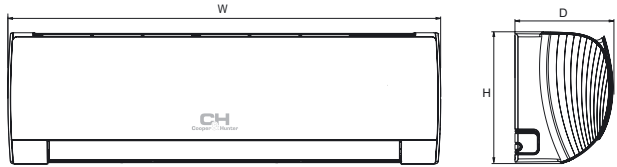


Crankcase
heating system

System			CH-S09FTXD2-***	CH-S12FTXD2-***	CH-S18FTXD2-***	CH-S24FTXD2-***
Capacity	Cooling	kW	2.70 (0.80-3.80)	3.51 (0.90-4.40)	5.20 (1.00-6.10)	7.10 (2.00-8.85)
	Heating	kW	3.00 (0.90- 4.25)	3.81 (0.90-4.70)	5.60 (1.10-6.60)	7.80 (1.80-9.45)
Rated power	Cooling	kW	0.69 (0.10-1.30)	0.96 (0.22-1.40)	1.58 (0.10-2.35)	2.03 (0.45-2.90)
	Heating	kW	0.70 (0.15-1.40)	0.95 (0.22-1.55)	1.44 (0.18-2.40)	2.00 (0.35-3.00)
Energy efficiency	Cooling (SEER*)	kW/kW	7.5 (A++)	7.1 (A++)	7.1 (A++)	7.0 (A++)
	Heating (SCOP**)	kW/kW	5.3 (A+++)	5.2 (A+++)	5.7 (A+++)	5.4 (A+++)

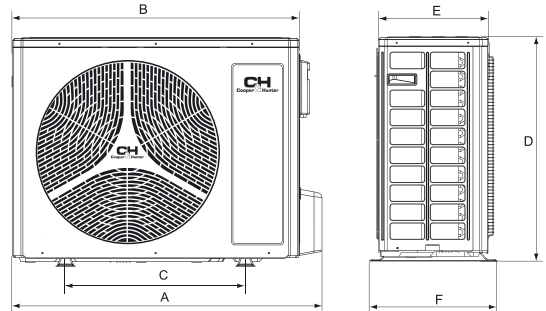
Indoor Unit		CH-S09FTXD2-***	CH-S12FTXD2-***	CH-S18FTXD2-***	CH-S24FTXD2-***
Air flow rate	m ³ /h	610/570/540/470/440/420/390	700/650/600/540/480/420/360/300	850/750/680/610/570/520/460	1250/1100/1000/950/900/850/800/600
Sound level pressure	dB (A)	38/36/34/31/29/27/25	42/38/35/32/29/27/25	44/43/41/38/36/34/30/23	48/44/41/40/38/36/33/27
Druing	l/h	1.69	1.40	1.9	2.4
Weight	kg	11	11	13.5	16.5

	W (mm)	H (mm)	D (mm)
CH-S09FTXD2-***	889	294	212
CH-S12FTXD2-***	889	294	212
CH-S18FTXD2-***	1013	307	221
CH-S24FTXD2-***	1122	329	247



Outdoor Unit		CH-S09FTXD2-***	CH-S12FTXD2-***	CH-S18FTXD2-***	CH-S24FTXD2-***
Sound level Pressure	dB (A)	50	52	56	59
Compressor type		Rotary			
Refrigerant		R32			
Temperature range (cooling)	°C	-15 ... +50			
Temperature range (heating)	°C	-25 ... +30			
Power supply		-220-240V/50Hz/1Ph			
Weight	kg	23.5	24.5	30.5	41.5
Refrigerant charge	kg	0.53	0.57	0.82	1.50
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"	15.88/5/8"
Max pipeline level difference	m	10	10	10	10
Pipeline max length	m	15	15	25	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXD2-***	732	675	455	555	285	330
CH-S12FTXD2-***	732	675	455	555	285	330
CH-S18FTXD2-***	802	745	512	555	300	350
CH-S24FTXD2-***	958	889	570	660	340	402



*Seer - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode
 *** Unit can be dispatched in three various colours: white (WP), black (FB), silver (SC)

A+++

+43°C

-15°C

Gen VI



VERITAS NG

SERIES



Striving for **perfection**

Keeping simple shapes and aesthetics in the spirit of minimalism, VERITAS NG series air conditioners have a whole range of functions and amenities.

Automatic **vertical and horizontal louvers** provide comfort in every corner of the room.

The built-in **CH Smart Ion filter** and **double self-cleaning function** of the indoor unit's heat exchanger help to keep the air in your home clean.

Unlike other basic models on the market air conditioners on the market, the VERITAS NG has a **Wi-Fi module**, which allows you to control the device remotely using your smartphone or tablet. In addition, VERITAS NG, like many other models, can be equipped with a **wired controller**, a **central controller** or integrated with BMS systems.

VERITAS

VERITAS NG Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH Smart Ion
technology



Double Self Clean
technology

Health Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I ACTION
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

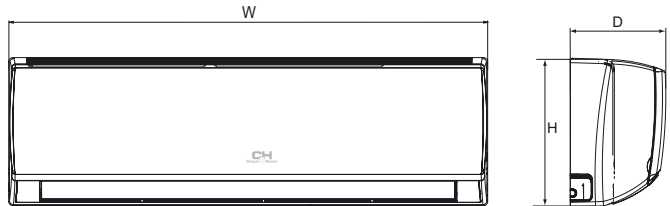


Crankcase
heating system

System			CH-S07FTXQ2-NG	CH-S09FTXQ2-NG	CH-S12FTXQ2-NG	CH-S18FTXQ2-NG	CH-S24FTXQ2-NG
Capacity	Cooling	kW	2.35 (0.57-2.53)	2.50 (0.50-3.35)	3.20 (0.60-3.60)	4.60 (0.65-5.20)	7.10 (2.00-8.85)
	Heating	kW	2.50 (0.51-2.60)	2.80 (0.50-3.30)	3.40 (0.60-3.80)	5.20 (0.70-5.40)	7.80 (1.80-9.45)
Rated power	Cooling	kW	0.68 (0.10-0.98)	0.72 (0.16-1.40)	0.99 (0.12-1.40)	1.36 (0.15-1.70)	2.03 (0.45-2.90)
	Heating	kW	0.65 (0.10-1.23)	0.75 (0.20-1.50)	0.91 (0.12-1.50)	1.34 (0.16-1.6.0)	2.00 (0.35-3.00)
Energy efficiency	Cooling (SEER*)	kW/kW	5.1 (A)	6.5 (A++)	6.5 (A++)	6.4 (A++)	7.0 (A++)
	Heating (SCOP**)	kW/kW	3.8 (A)	5.1 (A+++)	5.1 (A+++)	4.0 (A+)	5.4 (A+++)

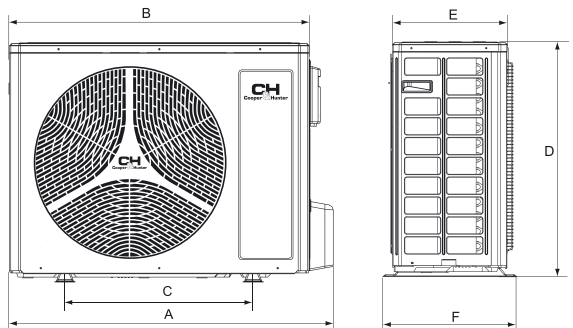
Indoor Unit		CH-S07FTXQ2-NG	CH-S09FTXQ2-NG	CH-S12FTXQ2-NG	CH-S18FTXQ2-NG	CH-S24FTXQ2-NG
Air flow rate	m ³ /h	300/390/420/500	300/390/420/500	280/410/480/590	600/700/800/850	800/850/900/950/ 1050/1150/1250
Sound level pressure	dB (A)	38/35/33/28	39/36/32/25	24/33/37/41	44/42/38/34	48/44/41/40/38/36/33
Draining	l/h	0.8	0.8	1.4	1.8	2.4
Weight	kg	8.2	8	10,5	13,5	16

	W (mm)	H (mm)	D (mm)
CH-S07FTXQ2-NG	713	270	195
CH-S09FTXQ2-NG	713	270	195
CH-S12FTXQ2-NG	790	275	200
CH-S18FTXQ2-NG	970	300	224
CH-S24FTXQ2-NG	1078	325	246



Outdoor Unit		CH-S07FTXQ2-NG	CH-S09FTXQ2-NG	CH-S12FTXQ2-NG	CH-S18FTXQ2-NG	CH-S24FTXQ2-NG
Sound level Pressure	dB (A)	51	51	52	55	59
Compressor type		Rotary				
Refrigerant		R32				
Temperature range (cooling)	°C	-15/+43				-15 ... +50
Temperature range (heating)	°C	-15/+24				-25 ... +30
Power supply		-220-240V/50Hz/1Ph				
Weight	kg	20.8	24.5	25	26,5	41,5
Refrigerant charge	kg	0.45	0.48	0.55	0.75	1.50
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	9.52/3/8"	9.52/3/8"	15.88/5/8"
Max pipeline level difference	m	10	10	10	10	10
Pipeline max length	m	15	15	15	25	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07FTXQ2-NG	710	650	430	450	244	293
CH-S09FTXQ2-NG	732	675	455	555	285	330
CH-S12FTXQ2-NG	732	675	455	555	285	330
CH-S18FTXQ2-NG	732	675	455	555	285	330
CH-S24FTXQ2-NG	958	889	570	660	340	402



*Seer - Seasonal capacity factor of the system in cooling mode
 **SCOP - Seasonal capacity factor of the system in heating mode

A++

+43°C

-15°C

Gen VI



VITAL INVERTER

SERIES



More features in the basic segment

Comfort in every corner of the room is provided by **automatic horizontal louvers**.

Built-in air **CH Smart Ion filter** and heat exchanger **Double Self-Clean function** help to keep the air in your home.

The ability to control **7 fan speeds**, **Warm start**, and **Quiet operation** are the most important of the many advantages of this device.

VITAL Inverter Series



Health Features

- ECO Fresh technology
- CH 7 Sky technology
- X-Fan function
- CH Smart Ion technology
- Double Self Clean technology

Health Features

- Cooling Mode
- Heating Mode
- Ventilation Mode
- Dry Mode
- I-Feel
- Turbo Mode
- Hot Start
- Vertical SWING
- +8°C Mode
- Sleep Mode
- Quiet Mode

Control Features

- WiFi
- Remote Control
- Locking Remote Control
- Daily timer

Intelligent Features

- I ACTION technology
- Auto Restart
- Self monitoring
- Auto Defrost

Technology Features

- R32 Refrigerant
- Inverter
- Blue Fin Coating
- LED display
- Energy efficient copper tubes
- Multi-speed fan
- Crankcase heating system

System			CH-S07FTXF2-NG	CH-S09FTXF2-NG	CH-S12FTXF2-NG	CH-S18FTXF2-NG	CH-S24FTXF2-NG
Capacity	Cooling	kW	2.35 (0.37-2.53)	2.70 (0.50-3.35)	3.20 (0.60-3.60)	4.60 (0.65-5.20)	6.20 (1.80-6.90)
	Heating	kW	2.50 (0.51-2.60)	2.80 (0.50-3.30)	3.40 (0.60-3.80)	5.20 (0.70-5.40)	6.50 (1.30-7.03)
Rated power	Cooling	kW	0.68 (0.16-0.95)	0.73 (0.20-1.50)	0.99 (0.16-1.40)	1.35 (0.16-1.70)	1.82 (0.45-2.20)
	Heating	kW	0.65 (0.20-1.00)	0.68 (0.16-1.40)	0.92 (0.20-1.50)	1.34 (0.20-1.60)	1.91 (0.45-2.30)
Energy efficiency	Cooling (SEER*)	kW/kW	5.1 (A)	6.8 (A++)	6.1 (A++)	6.4 (A++)	6.8 (A++)
	Heating (SCOP**)	kW/kW	3.8 (A)	4.2 (A+)	4.0 (A+)	4.0 (A+)	4.0 (A+)

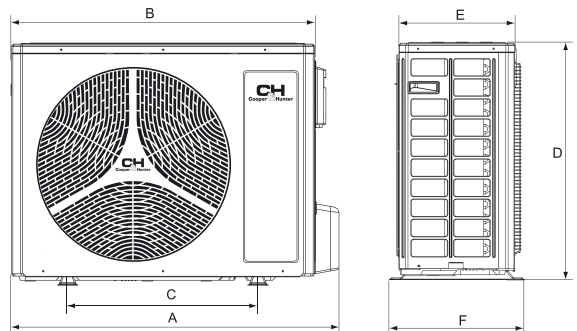
Indoor Unit		CH-S07FTXF2-NG	CH-S09FTXF2-NG	CH-S12FTXF2-NG	CH-S18FTXF2-NG	CH-S24FTXF2-NG
Air flow rate	m ³ /h	300/390/420/500	280/310/340/400/480/520/550	280/320/350/400/480/520/590	600/700/800/850	400/600/800/900
Sound level pressure	dB (A)	27/33/38/40	21/26/29/33/35/37/40	24/26/30/33/35/37/41	31/38/42/44	30/37/45/48
Druing	l/h	0.6	0.8	1.4	1.8	1.8
Weight	kg	8.2	8.5	8.0	13.5	13

	W (mm)	H (mm)	D (mm)
CH-S07FTXF2-NG	713	270	195
CH-S09FTXF2-NG	773	250	185
CH-S12FTXF2-NG	773	250	185
CH-S18FTXF2-NG	970	300	225
CH-S24FTXF2-NG	970	300	225



Outdoor Unit		CH-S07FTXF2-NG	CH-S09FTXF2-NG	CH-S12FTXF2-NG	CH-S18FTXF2-NG	CH-S24FTXF2-NG
Sound level Pressure	dB (A)	51	51	52	55	57
Compressor type		Rotary				
Refrigerant		R32				
Temperature range (cooling)	°C	-15/+43				
Temperature range (heating)	°C	-15/+24				
Power supply		~220-240V/50Hz/1Ph				
Weight	kg	20.8	24.5	25	26.5	36.5
Refrigerant charge	kg	0.45	0.50	0.55	0.75	1.23
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	9.52/3/8"	9.52/3/8"	12.7/1/2"
Max pipeline level difference	m	10	10	10	10	10
Pipeline max length	m	15	15	20	25	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07FTXF2-NG	710	650	430	450	244	293
CH-S09FTXF2-NG	732	675	455	555	285	330
CH-S12FTXF2-NG	732	675	455	555	285	330
CH-S18FTXF2-NG	732	675	455	555	285	330
CH-S24FTXF2-NG	873	805	528	555	317	376



*SEER - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode

NEW

A++

+43°C

-15°C

Gen VI



VITAL Plus

SERIES



More features

in the basic segment

Comfort in every corner of the room is provided by **automatic horizontal louvers**.

Built-in air **CH Smart Ion filter** and heat exchanger **Double Self-Clean function** help to keep the air in your home.

The ability to control **7 fan speeds**, **Warm start**, and **Quiet operation** are the most important of the many advantages of this device.

VITAL Plus Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH Smart Ion
technology



Double Self Clean
technology

Health Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo
Mode



Hot
Start



Vertical
SWING



Horizontal
SWING



+8°C
Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



i ACTION
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

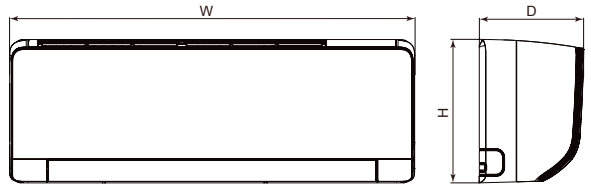


Crankcase
heating system

System			CH-S07FTXF6	CH-S09FTXF6	CH-S12FTXF6	CH-S18FTXF6	CH-S24FTXF6
Capacity	Cooling	kW	2.2 (0.30-2.85)	2.50 (0.50-3.25)	3.20 (0.90-3.60)	4.60 (1.00-5.40)	6.20 (1.80-6.90)
	Heating	kW	2.40 (0.60-2.90)	2.80 (0.50-3.70)	3.40 (0.90-4.00)	5.20 (0.75-5.80)	6.50 (1.30-7.00)
Rated power	Cooling	kW	0.59 (0.08-1.10)	0.68 (0.15-1.30)	0.99 (0.22-1.30)	1.35 (0.15-1.90)	1.79 (0.45-2.30)
	Heating	kW	0.59 (0.13-1.30)	0.73 (0.14-1.50)	0.92 (0.22-1.50)	1.33 (0.16-1.90)	1.65 (0.45-2.30)
Energy efficiency	Cooling (SEER*)	kW/kW	6.6 (A++)	6.6 (A++)	6.1 (A++)	7.2 (A++)	6.8 (A++)
	Heating (SCOP**)	kW/kW	4.8 (A++)	5.1 (A+++)	5.1 (A+++)	5.1 (A+++)	5.1 (A+++)

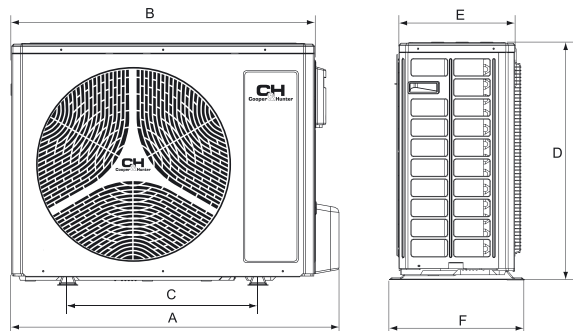
Indoor Unit		CH-S07FTXF6	CH-S09FTXF6	CH-S12FTXF6	CH-S18FTXF6	CH-S24FTXF6
Air flow rate	m ³ /h	250/290/310/420/450/470/500	250/270/320/390/430/470/500	280/320/350/400/480/520/590	600/640/720/810/870/960/1000	540/590/640/690/740/900/1050
Sound level pressure	dB (A)	22/25/29/33/34/36/39	21/25/28/32/34/36/38	24/26/30/33/35/37/41	28/30/35/41/43/45/47	32/36/40/42/44/46/50
Draining	l/h	0.6	0.6	1.4	1.8	1.8
Weight	kg	7.5	7.5	8.0	13.5	14

	W (mm)	H (mm)	D (mm)
CH-S07FTXF6	735	260	190
CH-S09FTXF6	735	260	190
CH-S12FTXF6	810	260	190
CH-S18FTXF6	978	333	248
CH-S24FTXF6	978	333	248





Outdoor Unit		CH-S07FTXF6	CH-S09FTXF6	CH-S12FTXF6	CH-S18FTXF6	CH-S24FTXF6
Sound level Pressure	dB (A)	50	50	52	55	59
Compressor type		Rotary				
Refrigerant		R32				
Temperature range (cooling)	°C	-15/+43				
Temperature range (heating)	°C	-15/+24				
Power supply		~220-240V/50Hz/1Ph				
Weight	kg	21	24.5	25	26.5	36.5
Refrigerant charge	kg	0.45	0.50	0.55	0.77	1.21
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	9.52/3/8"	9.52/3/8"	12.7/1/2"
Max pipeline level difference	m	10	10	10	10	10
Pipeline max length	m	15	15	20	25	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07FTXF6	710	650	430	450	244	293
CH-S09FTXF6	732	675	455	555	285	330
CH-S12FTXF6	732	675	455	555	285	330
CH-S18FTXF6	732	675	455	555	285	330
CH-S24FTXF6	873	805	528	555	317	376



*SEER - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode

A++ |  +43°C |  -15°C



VEYRON

SERIES



sustainable and reliable

VEYRON Series are basic standard air conditioners designed for professional installations. Due to usage of ozone-safe highly efficient **R32 refrigerant** it makes VEYRON Series one of the most environment-friendly air conditioner.

VEYRON Series consists of plenty advanced features among them start-up delay, to exclude blowing with cold air; **DOUBLE SELF-CLEAN technology** allows the air conditioner to self-clean from dust, fungi, viruses and bacteria by the method of instant freezing and subsequent heating of the heat exchanger plates to + 57-58°C. The air conditioner is completely cleaned in 30 minutes. This saves time and money on service maintenance, and allows you to get healthy air.

Comfort features are providing by integration a few useful comfort functions in particular, **8°C function** that guarantee protecting your home from freezing: the air conditioner will maintain a temperature of 8°C, preventing the room from freezing and consuming a minimum of electricity.

Due to special design of air deflectors it gets wide-angle air distribution that cover the entire volume of the room space.

VEYRON Series



Accessories (optional)



WiFi-Ready Unit

Health Features



ECO Fresh technology



X-Fan function



CH Smart Ion technology



Double Self Clean technology

Health Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



I-Feel



Turbo Mode



Hot Start



Vertical SWING



Horizontal SWING



+8°C Mode



Sleep Mode



Quiet Mode

Control Features



Remote Control



Locking Remote Control



Daily timer

Intelligent Features



I Action technology



Auto Restart



Self monitoring



Auto Defrost

Technology Features



R32 Refrigerant



Inverter



Blue Fin Coating



LED display



Energy efficient copper tubes



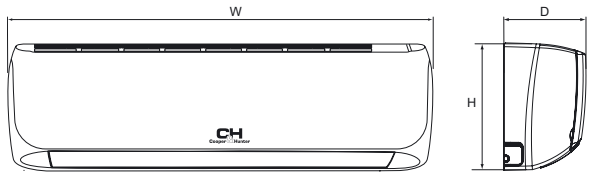
Multi-speed fan

System			CH-S09FTXA	CH-S12FTXA	CH-S18FTXA	CH-S24FTXA
Capacity	Cooling	kW	2.60 (1.0-3.0)	3.40 (1.0-4.0)	5.0 (1.0-6.0)	6.50 (1.60-7.20)
	Heating	kW	2.70 (1.0-3.0)	3.80 (1.0-4.2)	5.60 (1.60-6.25)	7.10 (1.80-7.30)
Rated power	Cooling	kW	0.85 (0.19-1.50)	1.14 (0.19-1.60)	1.54 (0.26-2.30)	2.06 (0.42-2.76)
	Heating	kW	0.70 (0.19-1.50)	1.05 (0.19-1.60)	1.55 (0.35-2.30)	2.15 (0.39-2.70)
Energy efficiency	Cooling (SEER*)	kW/kW	6.1 (A++)	6.1 (A++)	6.1 (A++)	6.2 (A++)
	Heating (SCOP**)	kW/kW	5.1 (A+++)	5.1 (A+++)	5.1 (A+++)	5.1 (A+++)

A

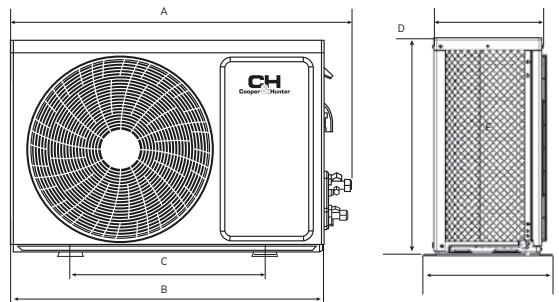
Indoor Unit		CH-S09FTXA	CH-S12FTXA	CH-S18FTXA	CH-S24FTXA
Air flow rate	m ³ /h	550	550	880	1100
Sound level pressure	dB (A)	39/37/34/32/29/24	39/37/34/32/30/24	44/42/40/37/36/31	45/42/40/38/35/32
Druing	l/h	0.9	1.2	2.0	2.2
Weight	kg	7.1	7.1	10	11.0

	W (mm)	H (mm)	D (mm)
CH-S09FTXA	830	256	195
CH-S12FTXA	830	256	195
CH-S18FTXA	930	300	220
CH-S24FTXA	1032	325	224



Outdoor Unit		CH-S09FTXA	CH-S12FTXA	CH-S18FTXA	CH-S24FTXA
Sound level Pressure	dB (A)	51	52	55	56
Compressor type		Rotary			
Refrigerant		R32			
Temperature range (cooling)	°C	-15/+43			
Temperature range (heating)	°C	-15/+24			
Power supply		~220-240V/50Hz/1Ph			
Weight	kg	21.7	22	34	41
Refrigerant charge	kg	0.46	0.58	1.15	1.32
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.38/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"	15.88/5/8"
Max pipeline level difference	m	10	10	15	15 ^E
Pipeline max length	m	20	20	20	20

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXA	722	660	438	487	240	290
CH-S12FTXA	722	660	438	487	240	290
CH-S18FTXA	886	810	510	585	280	338
CH-S24FTXA	935	860	542	667	310	368



*SEER - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode

A+++

+43°C

-25°C

Gen VI



CONSOLE Inverter

SERIES



The console

a solution for
demanding spaces

A console is a type of air conditioner that cools or heats a room where it is impossible to install a standard wall-mounted model. This compact device can be mounted directly on the floor. It is perfect for in the attic, in rooms with a rooms with sloping roofs and in window niches.

Two-way air distribution with one automatic damper combined with **7-speed fan** provides the user exceptional convenience and the highest comfort.

Intelligent operation, advanced air circulation, quiet operation - are just some of the many features of the console from Cooper&Hunter console. It is characterized by aesthetic appearance and universal compact design. This extremely functional device effectively cools and heats the room effectively in all conditions.

CONSOLE Inverter Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Healt Features



ECO Fresh
technology



X-Fan function



CH Smart Ion
technology

Healt Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



WIFI



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I Action
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

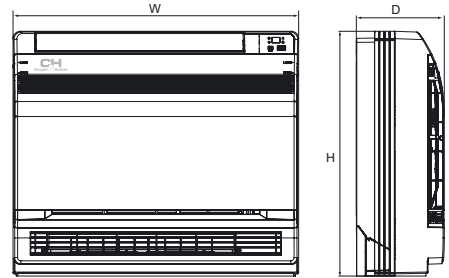


Crankcase
heating system

System			CH-S09FVX2-NG	CH-S12FVX2-NG	CH-S18FVX2-NG
Capacity	Cooling	kW	2.70 (0.70-3.40)	3.52 (0.80-4.40)	5.20 (1.26-6.60)
	Heating	kW	2.90 (0.60-3.50)	3.80 (1.10-4.40)	5.33 (1.12-6.68)
Rated power	Cooling	kW	0.70 (0.17-1.30)	0.93 (0.16-1.50)	1.45 (0.38-2.45)
	Heating	kW	0.73 (0.13-1.35)	0.96 (0.17-1.50)	1.55 (0.35-2.50)
Energy efficiency	Cooling (SEER*)	kW/kW	7.2 (A++)	7.0 (A++)	6.6 (A++)
	Heating (SCOP**)	kW/kW	5.3 (A+++)	5.3 (A+++)	5.1 (A+++)

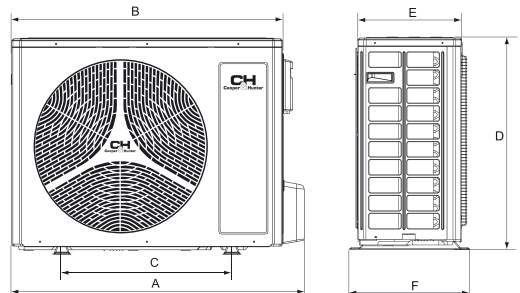
Indoor Unit		CH-S09FVX2-NG	CH-S12FVX2-NG	CH-S18FVX2-NG
Air flow rate	m ³ /h	250/280/330/370/410/430/500	280/360/400/440/480/520/600	320/410/460/520/580/650/700
Sound level pressure	dB (A)	22/25/28/30/32/36/38	24/29/33/36/38/40/44	32/37/40/42/45/47/49
Draining	l/h	0.8	1.2	1.8
Weight	kg	15.5	16	16

	W (mm)	H (mm)	D (mm)
CH-S09FVX2-NG	700	600	215
CH-S12FVX2-NG	700	600	215
CH-S18FVX2-NG	700	600	215



Outdoor Unit		CH-S09FVX2-NG	CH-S12FVX2-NG	CH-S18FVX2-NG
Sound level Pressure	dB (A)	51	53	59
Compressor type		Rotary		
Refrigerant		R32		
Temperature range (cooling)	°C	-15 ... +43		
Temperature range (heating)	°C	-25 ... +24		
Power supply		-220-240 V/50 Hz/1 Ph		
Weight	kg	24.0	27.5	41
Refrigerant charge	kg	0.51	0.75	1.00
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"
Max pipeline level difference	m	10	10	10
Pipeline max length	m	15	20	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FVX2-NG	732	675	455	555	285	330
CH-S12FVX2-NG	802	745	512	555	300	350
CH-S18FVX2-NG	958	889	570	660	340	402



*Seer - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode



AIR MASTER POWER

SERIES



Air conditioner for large rooms

This is the single most powerful residential model in Cooper&Hunter's offer for large rooms up to 100 m²

The built-in **CH Smart Ion filter** and **x-fan function** of the indoor unit heat exchanger help to keep the indoor air clean during cooling.

The ability to control **7 fan speeds**, **Hot start**, and **quiet operation** are the most important of the many advantages of this of this air conditioner.

AIR MASTER POWER

Series



Health Features

- ECO Fresh technology
- CH 7 Sky technology
- X-Fan function
- CH Smart Ion technology
- Double Self Clean technology

Health Features

- Cooling Mode
- Heating Mode
- Ventilation Mode
- Dry Mode
- I-Feel
- Turbo Mode
- Hot Start
- Horizontal SWING
- +8°C Mode
- Sleep Mode
- Quiet Mode

Control Features

- Wi-Fi
- Remote Control
- Locking Remote Control
- Daily timer

Intelligent Features

- Auto Restart
- Self monitoring
- Auto Defrost

Technology Features

- R410A Refrigerant
- Blue Fin Coating
- LED display
- Energy efficient copper tubes
- Multi-speed fan

System		CH-S36XL9 WI-FI	
Capacity	Cooling	kW	10.55
	Heating	kW	10.55
Rated power	Cooling	kW	3.0
	Heating	kW	2.77

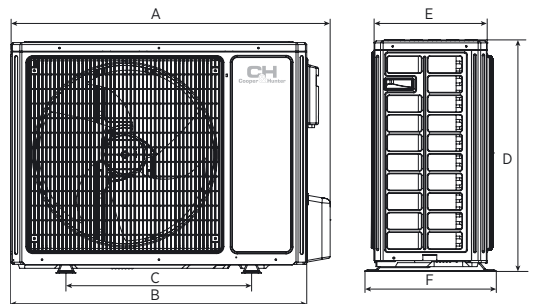
Indoor Unit		CH-S36XL9 WI-FI	
Air flow rate	m ³ /h	1450/1100/1050/950/850/800/750	
Sound level pressure	dB (A)	51/45/42/41/39/38/34	
Druing	l/h	3.0	
Weight	kg	15.5	

	W (mm)	H (mm)	D (mm)
CH-S36XL9	1078	325	246



Outdoor Unit		CH-S36XL9 WI-FI	
Sound level Pressure	dB (A)	62	
Compressor type		Rotary	
Refrigerant		R410A	
Temperature range (cooling)	°C	+18/+43	
Temperature range (heating)	°C	-7/+24	
Power supply		~220-240V/50Hz/1Ph	
Weight	kg	50	
Refrigerant charge	kg	1.8	
Liquid pipe diameter	mm/inch	6.35/1/4"	
Gas pipe diameter	mm/inch	15.88/5/8"	
Max pipeline level difference	m	10	
Pipeline max length	m	25	

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S36XL9	980	920	610	790	370	427



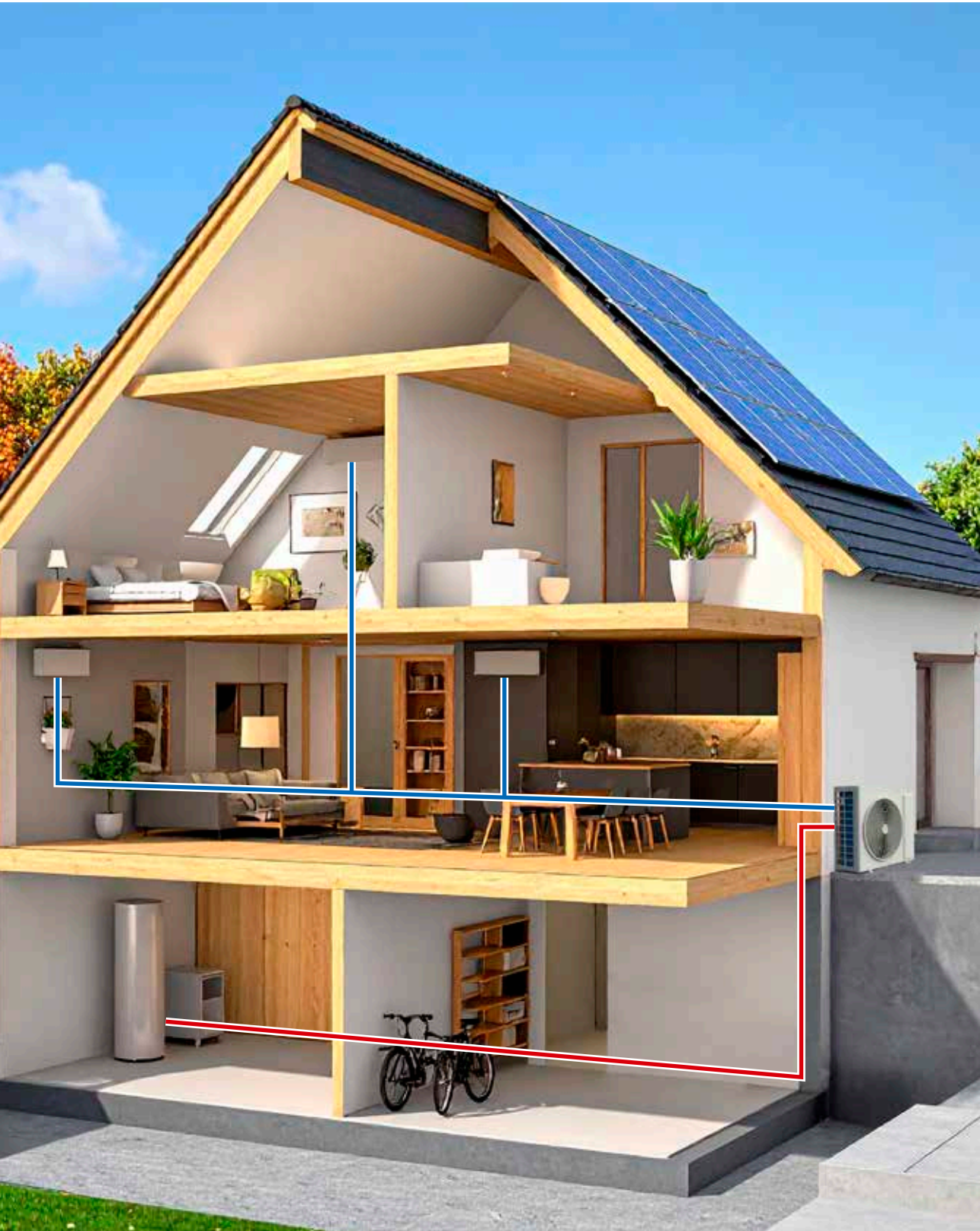
Evaluate **the wide range of possibilities**

Multi-split systems are systems that allow you to air condition several rooms at the same time. This system consists of an outdoor unit to which you can connect up to 5 indoor units. They are similar to traditional air conditioners, with the difference that all indoor units are connected to one outdoor unit, which allows you to maximize optimize the space.

Cooper&Hunter offers a wide range of indoor units that can work with a multi-split system: wall-mounted units, cassettes, ducted units and consoles.

Great versatility of using these systems with a wide range of compatible indoor units provides the ability to use of Cooper&Hunter multisplit systems in houses and apartments, as well as in offices and commercial and commercial premises.





NEW

NORDIC Multi Light Hydro SERIES

The Nordic Multi Light Hydro system is an energy-efficient hybrid solution that combines the functions of the traditional Nordic Multi Light system with the option of connecting a heating water tank, so that we can use air conditioning and DHW at the same time.

Nordic Multi Light Hydro is ideal for small residential properties such as private houses, cottages, and small commercial buildings where there is a need for hot water for domestic use and all-year round comfort.



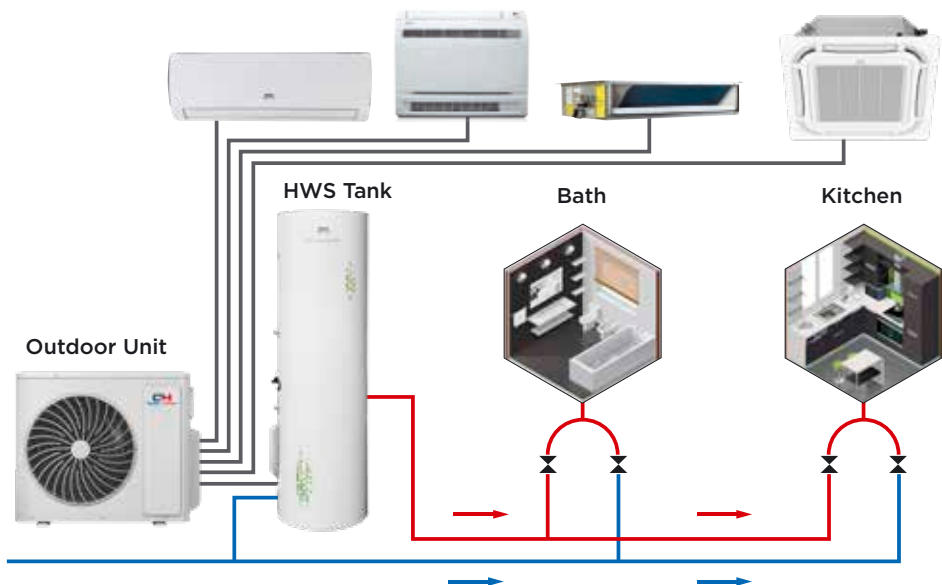
CHML-U36RK4-HW
CHML-U42RK5-HW

The energy efficiency of heating water at ambient temperature 20°C is higher than 4.5, and the power saving is more than 75% compared to the electric water heater.

Multiple protections for current, temperature and pressure, to comprehensively ensure the safe and stable operation of the whole unit.

Equipped with self-adaptive protection technology to actively adjust the operating state of the unit.

Various Types of Indoor Units



Outdoor units with capacities from 36,000 to 42,000 BTU

Intelligent Features



ACTION
I Action technology



Auto Restart



Self monitoring



Intelligent Defrost



R32
R32 Refrigerant



Multi Split



INVERTER
Inverter



Blue Fin Coating



Energy efficient copper tubes



Multi-speed fan



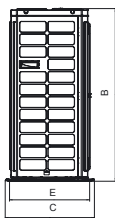
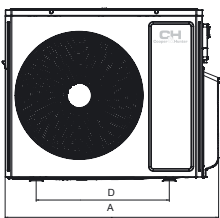
Crankcase heating system



Water Heating System



			CHML-U36RK4-HW	CHML-U42RK5-HW
Number of connected units			1-4	1-5
Capacity	Cooling	kW	10.60	12.10
	Heating	kW	12.00	13.00
	Water Heating	kW	4.2	4.2
Energy Efficiency	Cooling (SEER)	kW/kW	7.2	7.2
	Heating (SCOP)	kW/kW	4.2	4.1
	Heating Water (SCOP)	kW/kW	3.43	3.43
Power supply			-220-240V/50Hz/1Ph	
Air flow rate		m ³ /h	5800	5800
Sound Pressure level		dB (A)	60	60
Heating Water Power Input		kW	0.92	0.92
Weight (net/gross)		kg	72.5/85.5	73.5/86.5
Refrigerant			R32	
Refrigerant charge		kg	2.40	2.40
Refrigerant load		g/m	20	20
Standard filling length		m	40	50
Diameter of the Liquid/Gas line		mm/inch	4x6.35/1/4" - 9.52/3/8"	5x6.35/1/4" - 9.52/3/8"
Temperature range	Cooling	°C	-15-43	
	Heating	°C	-22-24	
The maximum length of the trunk (total line length / maximum distance to the indoor unit)		m	80/25	100/25
Maximum pipeline level difference		m	25	25



	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
CHML-U36RK4-HW	1020	826	427	635	396
CHML-U42RK5-HW	1020	826	427	635	396

List of compatible indoor units



CHML-U36RK4-HW
CHML-U42RK5-HW



WT200HW1.5ERK



NATURE Series



SUPREME Continental Series



DAYTONA Series



VERITAS Series



VITAL Series



VITAL Plus Series



Duct Type



Console Type



Cassette Type

OUTDOOR UNIT COMBINATIONS



CHML-U36RK4-HW | 29 combinations

One units	Two Units			Three units		
9	7+12	7+18	7+24	7+7+7	7+7+9	7+7+12
12	9+9	9+12	9+18	7+7+18	7+7+24	7+9+9
18	9+24	12+12	12+18	7+9+12	7+9+18	7+12+12
24	12+24	18+18		9+9+9	9+9+12	9+9+18
				9+12+12	12+12+12	



CHML-U42RK5-HW | 72 combinations

One units	Two Units		Three units				Four units			
9	7+18	7+24	7+7+7	7+7+9	7+7+12	7+7+18	7+7+7+7	7+7+7+9	7+7+7+12	7+7+7+18
12	9+12	9+18	7+7+24	7+9+9	7+9+12	7+9+18	7+7+7+24	7+7+9+9	7+7+9+12	7+7+9+18
18	9+24	12+12	7+9+24	7+12+12	7+12+18	7+12+24	7+7+9+24	7+7+12+12	7+7+12+18	7+7+12+24
24	12+18	12+24	7+18+18	7+18+24	9+9+9	9+9+12	7+7+18+18	7+9+9+9	7+9+9+12	7+9+9+18
	18+18	18+24	9+9+18	9+9+24	9+12+12	9+12+18	7+9+9+24	7+9+12+12	7+9+12+18	7+12+12+12
	24+24		9+12+24	9+18+18	9+18+24	12+12+12	7+12+12+18	9+9+9+9	9+9+9+12	9+9+9+18
			12+12+18	12+12+24	12+18+18	12+18+24	9+9+9+24	9+9+12+12	9+9+12+18	9+12+12+12
							12+12+12+12			

NORDIC Multi Light

Thanks to their design, Nordic Multi Light units can operate up to five indoor units of different types. This allows one outdoor unit to air condition an entire house or apartment. In addition, these units are equipped with intelligent controls and economic modes that ensure efficient operation with reduced electricity consumption. The wide operating temperature range makes this system ideal not only for cooling, but also for heating

High Seasonal Cooling Efficiency Ratio SEER.

Flexible choice of indoor units.

Possibility to run long cooling systems up to 100 m.

Possibility to integrate selected indoor units with smart building systems.

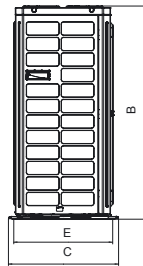
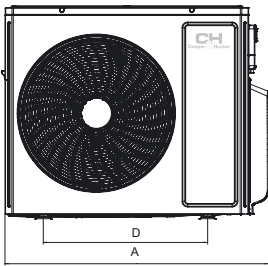


Outdoor units with capacities from 14,000 to 42,000 BTU

Intelligent Features | Technology Features



		CHML-U14RK2-NG	CHML-U18RK2-NG	CHML-U21RK3-NG	CHML-U24RK3-NG	CHML-U28RK4-NG	CHML-U36RK4-NG	CHML-U42RK5-NG
Number of connected units		1-2	1-2	2-3	2-3	2-4	2-4	2-5
Capacity	Cooling kW	4.10	5.30	6.10	7.10	8.00	10.60	12.10
	Heating kW	4.40	5.65	6.50	8.60	9.50	12.00	13.00
Power supply		-220-240V/50Hz/1Ph						
Air flow rate	m ³ /h	2300	2300	3800	3800	3800	5800	5800
Sound level Pressure	dB (A)	52	54	58	58	58	60	60
Weight (net/gross)	kg	30/32.5	32/34.5	47.5/52	47.5/52	51/55.5	72/79	73/80
Refrigerant		R32						
Refrigerant charge	kg	0.75	0.90	1.60	1.70	1.80	2.40	2.4
Refrigerant load	g/m	20	20	20	20	20	20	20
Standard filling length	m	10	10	30	30	40	40	50
Diameter of the Liquid/Gas line	mm/inch	2x6.35/1/4"-9.52/3/8"	2x6.35/1/4"-9.52/3/8"	3x6.35/1/4"-9.52/3/8"	3x6.35/1/4"-9.52/3/8"	4x6.35/1/4"-9.52/3/8"	4x6.35/1/4"-9.52/3/8"	5x6.35/1/4"-9.52/3/8"
Temperature range	Cooling °C	-15 - +43						
	Heating °C	-22 - +24						
The maximum length of the trunk (total line length /maximum distance to the indoor unit)	m	40/20	40/20	60/20	60/20	70/20	80/25	100/25
Maximum pipeline level difference	m	15	15	15	15	15	25	25



	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
CHML-U14RK2-NG	822	550	352	512	332
CHML-U18RK2-NG	822	550	352	512	332
CHML-U21RK3-NG	964	660	402	570	371
CHML-U24RK3-NG	964	660	402	570	371
CHML-U28RK4-NG	964	660	402	570	371
CHML-U36RK4-NG	1020	826	427	635	396
CHML-U42RK5-NG	1020	826	427	635	396

List of compatible indoor units



CHML-U14RK2-NG
CHML-U18RK2-NG
CHML-U21RK3-NG
CHML-U24RK3-NG
CHML-U28RK4-NG
CHML-U36RK4-NG
CHML-U42RK5-NG



OUTDOOR UNIT COMBINATIONS



CHML-U14RK2-NG | 8 combinations

One unit	Two units	
7	7+7	7+9
9	7+12	9+9
12	9+12	



CHML-U18RK2-NG | 8 combinations

One unit	Two units	
9	7+7	7+9
12	7+12	9+9
	9+12	12+12



CHML-U21RK3-NG | 17 combinations

Two units		Three units	
7+7	7+9	7+7+7	7+7+9
7+12	7+18	7+7+12	7+9+9
9+9	9+12	7+9+12	7+12+12
9+18	12+12	9+9+9	9+9+12
12+18			



CHML-U24RK3-NG | 23 combinations

Two units		Three units		
7+7	7+9	7+7+7	7+7+9	7+7+12
7+12	7+18	7+7+18	7+9+9	7+9+12
9+9	9+12	7+9+18	7+12+12	9+9+9
9+18	12+12	9+9+12	9+9+18	9+12+12
12+18	18+18	12+12+12		



CHML-U28RK4-NG | 40 combinations

Two units		Three units			Four Units		
7+7	7+9	7+7+7	7+7+9	7+7+12	7+7+7+7	7+7+7+9	7+7+7+12
7+12	7+18	7+7+18	7+9+9	7+9+12	7+7+7+18	7+7+9+9	7+7+9+12
9+9	9+12	7+9+18	7+12+12	7+12+18	7+7+9+18	7+7+12+12	7+9+9+9
9+18	12+12	9+9+9	9+9+12	9+9+18	7+9+9+12	7+9+12+12	9+9+9+9
12+18	18+18	9+12+12	9+12+18	12+12+12	9+9+9+12	9+9+12+12	
		12+12+18					



CHML-U36RK4-NG | 77 combinations

Two units		Three units			Four Units		
7+12	7+18	7+7+7	7+7+9	7+7+12	7+7+7+7	7+7+7+9	7+7+7+12
7+24	9+9	7+7+18	7+7+24	7+9+9	7+7+7+18	7+7+7+24	7+7+9+9
9+12	9+18	7+9+12	7+9+18	7+9+24	7+7+9+12	7+7+9+18	7+7+9+24
9+24	12+12	7+12+12	7+12+18	7+12+24	7+7+12+12	7+7+12+18	7+7+12+24
12+18	12+24	7+18+18	7+18+24	9+9+9	7+7+18+18	7+9+9+9	7+9+9+12
18+18	18+24	9+9+12	9+9+18	9+9+24	7+9+9+18	7+9+9+24	7+9+12+12
24+24		9+12+12	9+12+18	9+12+24	7+9+12+18	7+9+12+24	7+9+18+18
		9+18+18	9+18+24	12+12+12	7+12+12+12	7+12+12+18	9+9+9+9
		12+12+18	12+12+24	12+18+18	9+9+9+12	9+9+9+18	9+9+9+24
		12+18+24	18+18+18		9+9+12+12	9+9+12+18	9+9+12+24
					9+9+18+18	9+12+12+12	9+12+12+18
					12+12+12+12	12+12+12+18	



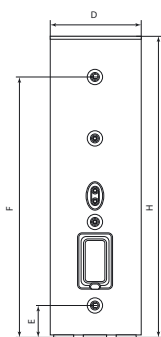
CHML-U42RK5-NG | 144 combinations

Two units	Three units			Four Units				Five Units			
7+18	7+7+7	7+7+9	7+7+12	7+7+7+7	7+7+7+9	7+7+7+12	7+7+7+18	7+7+7+7+7	7+7+7+7+9	7+7+7+7+12	7+7+7+7+18
7+24	7+7+18	7+7+24	7+9+9	7+7+7+24	7+7+9+9	7+7+9+12	7+7+9+18	7+7+7+7+24	7+7+7+9+9	7+7+7+9+12	7+7+7+9+18
9+12	7+9+12	7+9+18	7+9+24	7+7+9+24	7+7+12+12	7+7+12+18	7+7+12+24	7+7+7+9+24	7+7+7+12+12	7+7+7+12+18	7+7+7+12+24
9+18	7+12+12	7+12+18	7+12+24	7+7+18+18	7+7+18+24	7+7+24+24	7+9+9+9	7+7+7+18+18	7+7+7+18+24	7+7+9+9+9	7+7+9+9+12
9+24	7+18+18	7+18+24	7+24+24	7+9+9+12	7+9+9+18	7+9+9+24	7+9+12+12	7+7+9+9+18	7+7+9+9+24	7+7+9+12+12	7+7+9+12+18
12+12	9+9+9	9+9+12	9+9+18	7+9+12+18	7+9+12+24	7+9+18+18	7+9+18+24	7+7+9+12+24	7+7+9+18+18	7+7+12+12+12	7+7+12+12+18
12+18	9+9+24	9+12+12	9+12+18	7+12+12+12	7+12+12+18	7+12+12+24	7+12+18+18	7+7+12+12+24	7+7+12+18+18	7+9+9+9+9	7+9+9+9+12
12+24	9+12+24	9+18+18	9+18+24	7+12+18+24	7+18+18+18	9+9+9+9	9+9+9+12	7+9+9+9+18	7+9+9+9+24	7+9+9+12+12	7+9+9+12+18
18+18	9+24+24	12+12+12	12+12+18	9+9+9+18	9+9+9+24	9+9+12+12	9+9+12+18	7+9+9+12+24	7+9+9+18+18	7+9+12+12+12	7+9+12+12+18
18+24	12+12+24	12+18+18	12+18+24	9+9+12+24	9+9+18+18	9+9+18+24	9+12+12+12	7+12+12+12+12	7+12+12+12+18	9+9+9+9+9	9+9+9+9+12
24+24	12+24+24	18+18+18	18+18+24	9+12+12+18	9+12+12+24	9+12+18+18	9+12+18+24	9+9+9+9+18	9+9+9+9+24	9+9+9+12+12	9+9+9+12+18
				9+18+18+18	12+12+12+12	12+12+12+18	12+12+12+24	9+9+9+18+18	9+9+12+12+12	9+9+12+12+18	9+12+12+12+12
				12+12+18+18				9+12+12+12+18	9+9+9+12+24	12+12+12+12+12	

WATER TANK



WT200HW1.5ERK		
Water Tank Capacity	L	185
Heating Capacity	kW	4.20
Heating Power Input	kW	0.92
Energy Class		A+
COP	kW/kW	4.56
Electric Heater Power input	kW	1.5
Power Supply		~220-240 V/50 Hz/1 Ph
Water Temperature Range	°C	35...55
Electrical Protection Class		IPX4
Refrigerant		R32
Liquid pipe diameter	mm/inch	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"
Water connection inlet	mm/inch	12.7/1/2"
Unit Dimensions (WxDxH)	mm	462x462x2000
Net Weight	kg	72.5



	D (mm)	E (mm)	F (mm)	H (mm)
WT200HW1.5ERK	462	166	1797	2000

System Features



Cooling Mode



Heating Mode



Water Heating Mode



Cooling&Water Heating Mode



Heating&Water Heating Mode



Turbo Mode



Water sterilization



Wi-Fi



Daily timer



Connection to wired controller



R32 Refrigerant



Inverter



Intelligent Defrost



Self monitoring

Water Tank Controller Modes



Wired Controller
XE71-45/GC1



STANDARD

In STANDARD mode, hot water heating is always carried out according to the set temperature.



BOOST

Activation of BOOST mode will be useful at the time of unexpected increase in demand for hot water - thanks to an additional heater, the unit will quickly heat water up to 80°C, which will translate into an increase in the amount of hot water available to users.



ECO

If you change the operating mode to ECO mode, the water will be heated up to the average set temperature to maximally reduce the energy consumption of the unit.



EMERGENCY

EMERGENCY mode protects access to hot water in case of a system failure by automatically turning on the heater.

NATURE Series



Accessories (optional)



Wired Controller
XK76



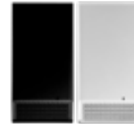
Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010



Fresh Air Kit
CH-HRV030S-*

Health Features



ECO Fresh technology



CH 7 Sky technology



X-Fan function



CH-UV technology



Double Self Clean technology



Double Self-Clean technology



FRESH AIR KIT (option)



Wi-Fi



Remote Control



Locking Remote Control



Daily timer



Connection to wired controller



Connection to BMS



Dry Contact

Control Features

Comfort Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



Humidity Control



Dry Clothes Function



I-Feel



Turbo Mode



Hot Start



Vertical SWING



Horizontal SWING



+8°C Mode



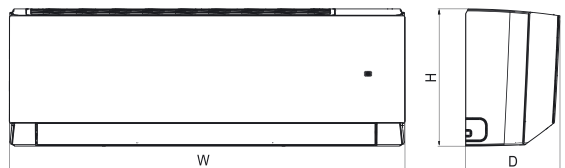
Sleep Mode



Quiet Mode

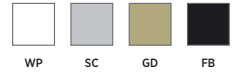
		CH-S09FTXAN-*(I)	CH-S12FTXAN-*(I)	CH-S18FTXAN-*(I)	CH-S24FTXAN-*(I)	
Capacity	Cooling	kW	2.7	3.51	5.3	7.1
	Heating	kW	3.0	3.81	5.6	7.3
Power supply		-220-240 V/50 Hz/1 Ph				
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"	15.88/5/8"	
Air flow rate	m ³ /h	610/570/540/470/ 440/420/390/180	720/600/570/530/ 500/460/430/320	1000/880/760/650/ 620/600/550/260	1000/850/760/580/ 520/450/400/280	
Sound level pressure	dB (A)	38/37/34/31/26/23/22/19	45/42/40/37/34/29/26/23	45/42/40/37/34/29/26/23	48/44/41/40/38/36/33/27	
Drying	l/h	0.8	1.4	1.8	2.4	
Weight	kg	9.5	9.5	13.0	13.0	

	W (mm)	H (mm)	D (mm)
CH-S09FTXAN-***	837	293	200
CH-S12FTXAN-***	837	293	200
CH-S18FTXAN-***	993	311	222
CH-S24FTXAN-***	993	311	222



* Unit can be dispatched in two various colours: white (WP), black (BL)

SUPREME Continental Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Heat Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH-UV
technology



Double Self Clean
technology

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Comfort Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical SWING



Horizontal SWING



+8°C Mode



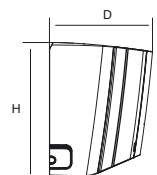
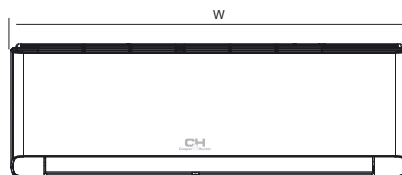
Sleep
Mode



Quiet
Mode

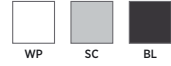
		CH-S09FTXAL2-* (I)	CH-S12FTXAL2-* (I)	CH-S18FTXAL2-* (I)	CH-S24FTXAL2-* (I)
Capacity	Cooling	kW 2.70 (0.45-3.50)	3.50 (0.70-4.00)	5.30 (1.26-6.60)	7.10 (2.00-8.32)
	Heating	kW 3.00 (0.45-4.20)	3.81 (0.80-4.50)	5.60 (1.12-6.80)	7.80 (2.00-9.20)
Power supply		-220-240 V/50 Hz/1 Ph			
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"	15.88/5/8"
Air flow rate	m ³ /h	390/420/450/490/540/590/660	390/420/450/490/540/590/680	306/520/580/610/750/800/850	750/850/900/950/1000/1100/1250
Sound level pressure	dB (A)	18/22/26/35/37/39/41	19/24/28/35/37/39/43	30/33/36/41/43/45/49	32/35/38/42/44/47/49
Drying	l/h	0.8	1.4	1.8	2.4
Weight	kg	10.5	10.5	13	16

	W (mm)	H (mm)	D (mm)
CH-S09FTXAL2-* (I)	865	290	210
CH-S12FTXAL2-* (I)	865	290	210
CH-S18FTXAL2-* (I)	996	301	225
CH-S24FTXAL2-* (I)	1101	327	249



* Unit can be dispatched in four various colours: white (WP), full black (FB), silver (SC), gold (GD)

DAYTONA Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh technology



CH 7 Sky technology



X-Fan function



CH Smart Ion technology



Double Self Clean technology



Wi-Fi



Remote Control



Locking Remote Control



Daily timer



Connection to wired controller



Connection to BMS



Dry Contact

Control Features

Comfort Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



I-Feel



Turbo Mode



Hot Start



Vertical SWING



Horizontal SWING



+8°C Mode



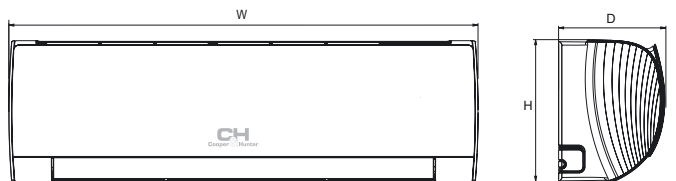
Sleep Mode



Quiet Mode

		CH-S09FTXD2-* (I)	CH-S12FTXD2-* (I)	CH-S18FTXD2-* (I)	CH-S24FTXD2-* (I)
Capacity	Cooling	kW 2.70 (0.80-3.80)	3.51 (0.90-4.40)	5.20 (1.00-6.10)	7.10 (2.00-8.85)
	Heating	kW 3.00 (0.90-4.25)	3.81 (0.90-4.70)	5.60 (1.10-6.60)	7.80 (1.80-9.45)
Power supply		~220-240 V/50 Hz/1 Ph			
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"	15.88/5/8"
Air flow rate	m ³ /h	610/570/540/470/440/420/390	700/650/600/540/480/420/360/300	850/750/680/610/570/520/460	1250/1100/1000/950/900/850/800/600
Sound level pressure	dB (A)	38/36/34/31/29/27/25/18	42/38/35/32/29/27/25	44/43/41/38/36/34/30/23	48/44/41/40/38/36/33/27
Drying	l/h	1.69	1.40	1.9	2.4
Weight	kg	11	11	13.5	16.5

	W (mm)	H (mm)	D (mm)
CH-S09FTXD2-* (I)	889	294	212
CH-S12FTXD2-* (I)	889	294	212
CH-S18FTXD2-* (I)	1013	307	221
CH-S24FTXD2-* (I)	1122	329	247



* Unit can be dispatched in three various colours: white (WP), full black (FB), silver (SC)

VERITAS NG Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh technology



CH 7 Sky technology



X-Fan function



CH Smart Iontech technology



Double Self Clean technology



Wi-Fi



Remote Control



Locking Remote Control



Daily timer



Connection to wired controller



Connection to BMS



Dry Contact

Control Features

Comfort Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



I-Feel



Turbo Mode



Hot Start



Vertical SWING



Horizontal SWING



+8°C Mode



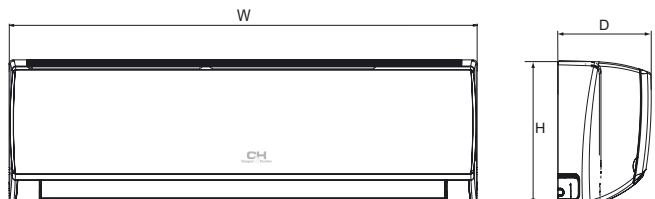
Sleep Mode



Quiet Mode

		CH-S07FTXQ (I)	CH-S09FTXQ2-NG (I)	CH-S12FTXQ2-NG (I)	CH-S18FTXQ2-NG (I)	CH-S24FTXQ2-NG (I)
Capacity	Cooling	kW 2.35 (0.37-2.53)	2.50 (0.50-3.35)	3.20 (0.60-3.60)	4.60 (0.65-5.20)	7.10 (2.00-8.85)
	Heating	kW 2.50 (0.51-2.60)	2.80 (0.50-3.30)	3.40 (0.60-3.80)	5.20 (0.70-5.40)	7.80 (1.80-9.45)
Power supply		-220-240 V/50 Hz/1 Ph				
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	9.52/3/8"	9.52/3/8"	15.88/5/8"
Air flow rate	m ³ /h	300/390/420/500	300/390/420/500	420/490/620/680	600/700/800/850	800/850/900/950/1050/1150/1250
Sound level pressure	dB (A)	38/35/33/28/20	39/36/32/25	25/29/32/35/36/38/41	44/42/38/34	48/44/41/40/38/36/33
Drying	l/h	0.8	0.8	1.4	1.8	2.4
Weight	kg	8.2	8	10,5	13.5	16

	W (mm)	H (mm)	D (mm)
CH-S07FTXQ (I)	790	275	200
CH-S09FTXQ2-NG (I)	713	270	195
CH-S12FTXQ2-NG (I)	790	275	200
CH-S18FTXQ2-NG (I)	970	300	224
CH-S24FTXQ2-NG (I)	1078	325	246



VITAL INVERTER Series



Heat Features Control Features



ECO Fresh technology



CH 7 Sky technology



X-Fan function



CH Smart Ion technology



Double Self Clean technology



Wi-Fi



Remote Control



Locking Remote Control



Daily timer

Comfort Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



I-Feel



Turbo Mode



Hot Start



Vertical SWING



+8°C Mode



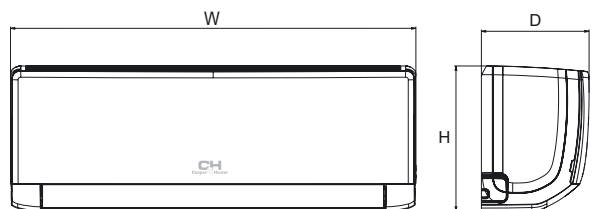
Sleep Mode



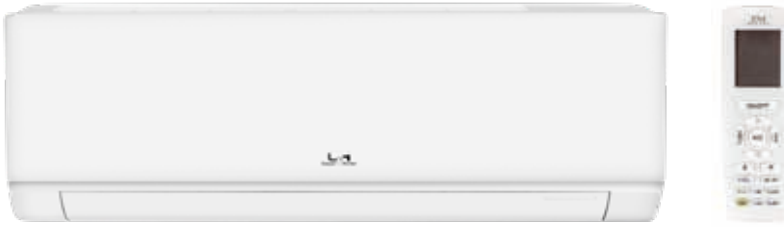
Quiet Mode

		CH-S07FTXF2-NG (I)	CH-S09FTXF2-NG (I)	CH-S12FTXF2-NG (I)	CH-S18FTXF2-NG (I)	CH-S24FTXF2-NG (I)
Capacity	Cooling	kW 2.35 (0.37-2.53)	2.70 (0.50-3.35)	3.20 (0.60-3.60)	4.60 (0.65-5.20)	6.20 (1.80-6.90)
	Heating	kW 2.50 (0.51-2.60)	2.80 (0.50-3.30)	3.40 (0.60-3.80)	5.20 (0.70-5.40)	6.50 (1.30-7.03)
Power supply	-220-240 V/50 Hz/1 Ph					
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	9.52/3/8"	9.52/3/8"	12.7/1/2"
Air flow rate	m ³ /h	300/390/420/500	280/310/340/400/480/520/550	280/320/350/400/480/520/590	600/700/800/850	400/600/800/900
Sound level pressure	dB (A)	27/33/38/40	21/26/29/33/35/37/40	24/26/30/33/35/37/41	31/38/42/44	30/37/45/48
Drying	l/h	0.6	0.8	1.4	1.8	1.8
Weight	kg	8.2	8.5	8.0	13.5	13

	W (mm)	H (mm)	D (mm)
CH-S07FTXF2-NG (I)	713	270	195
CH-S09FTXF2-NG (I)	773	250	185
CH-S12FTXF2-NG (I)	773	250	185
CH-S18FTXF2-NG (I)	970	300	225
CH-S24FTXF2-NG (I)	970	300	225



VITAL PLUS Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH Smart Ion
technology



Double Self Clean
technology



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Control Features

Comfort Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



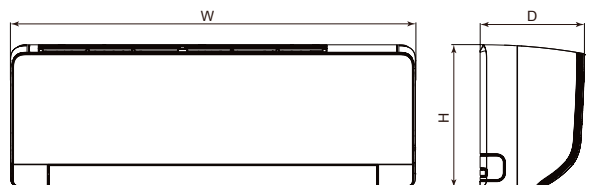
Sleep
Mode



Quiet
Mode

			CH-S07FTXF6 (I)	CH-S09FTXF6 (I)	CH-S12FTXF6 (I)	CH-S18FTXF6 (I)	CH-S24FTXF6 (I)
Capacity	Cooling	kW	2.2 (0.30-2.85)	2.50 (0.50-3.25)	3.20 (0.90-3.60)	4.60 (1.00-5.40)	6.20 (1.80-6.90)
	Heating	kW	2.40 (0.60-2.90)	2.80 (0.50-3.70)	3.40 (0.90-4.00)	5.20 (0.75-5.80)	6.50 (1.30-7.00)
Power supply			-220-240 V/50 Hz/1 Ph				
Liquid pipe diameter	mm/inch		6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch		9.52/3/8"	9.52/3/8"	9.52/3/8"	9.52/3/8"	12.7/1/2"
Air flow rate	m ³ /h		250/290/310/420/450/470/500	250/270/320/390/430/470/500	280/320/350/400/480/520/590	600/640/720/810/870/960/1000	540/590/640/690/740/900/1050
Sound level pressure	dB (A)		22/25/29/33/34/36/39	21/25/28/32/34/36/38	24/26/30/33/35/37/41	28/30/35/41/43/45/47	32/36/40/42/44/46/50
Drying	l/h		0.6	0.6	1.4	1.8	1.8
Weight	kg		7.5	7.5	8.0	13.5	14

	W (mm)	H (mm)	D (mm)
CH-S07FTXF6	735	260	190
CH-S09FTXF6	735	260	190
CH-S12FTXF6	810	260	190
CH-S18FTXF6	978	333	248
CH-S24FTXF6	978	333	248



CONSOLE Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F

Health Features



ECO Fresh Technology



X-Fan function



CH Smart Ion Technology



Double Self Clean Technology



Wi-Fi



Remote Control



Locking Remote Control



Daily timer



Connection to wired controller



Connection to BMS

Comfort Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



I-Feel



Turbo Mode



Hot Start



Vertical SWING



+8°C Mode



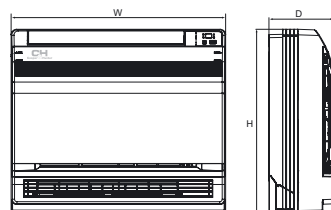
Sleep Mode



Quiet Mode

			CH-S09FVX2-NG (I)	CH-S12FVX2-NG (I)	CH-S18FVX2-NG (I)
Capacity	Cooling	kW	2.70 (0.70-3.40)	3.52 (0.80-4.40)	5.20 (1.26-6.60)
	Heating	kW	2.90 (0.60-3.50)	3.80 (1.10-4.40)	5.33 (1.12-6.68)
Power supply	-220-240 V/50 Hz/1 Ph				
Liquid pipe diameter	mm/inch		6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch		9.52/3/8"	9.52/3/8"	12.7/1/2"
Air flow rate	m ³ /h		250/280/330/370/410/430/500	280/360/400/440/480/520/600	320/410/460/520/580/650/700
Sound level pressure	dB (A)		22/25/28/30/32/36/38	24/29/33/36/38/40/44	32/37/40/42/45/47/49
Drying	l/h		0.8	1.2	1.8
Weight	kg		15.5	16	16

	W (mm)	H (mm)	D (mm)
CHML-1K09RK	700	600	215
CHML-1K12RK	700	600	215
CHML-1K18RK	700	600	215



CASSETTE Series



Accessories (optional)



Wired Controller XK76



Wired Controller CE58-00/EF(CM)



Wired Controller CE52-24/F



Detection Control Board MK010

Health Features | Control Features



ECO Fresh technology



X-Fan function



CH Smart Iontechonology



Fresh Air Supply



Wi-Fi



Remote Control



Locking Remote Control



Daily timer



Connection to wired controller



Connection to BMS



Dry Contact

Comfort Features | Technology



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



I-Feel



Turbo Mode



Hot Start



3D Air Flow



SWING



+8°C Mode



Sleep Mode



Quiet Mode



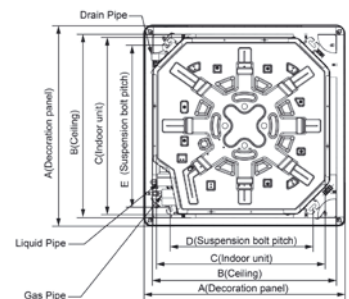
Build-In Drain Pump



360 Degrees Air Flow

			CHML-IC12RK2	CHML-IC18RK2	CHML-IC24RK2
Capacity	Cooling	kW	3.50	5.00	7.00
	Heating	kW	4.0	5.50	8.0
Power supply	-220-240 V/50 Hz/1 Ph				
Liquid pipe diameter		mm/inch	6.35/1/4"	6.35/1/4"	9.52/3/8"
Gas pipe diameter		mm/inch	9.52/3/8"	12.7/1/2"	15.88/5/8"
Air flow rate		m ³ /h	560/540/490/450/420/380/350	650/540/490/450/420/380/350	1100/1050/950/910/870/830/800
Sound level pressure		dB (A)	57/55/52/50/48/46/44	59/55/52/50/48/46/44	32/61/60/59/58/57/55
Weight (unit/panel)		kg	17.0/2.5	17.0/2.5	29.0/5.5

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
CHML-IC12RK2	620	580	570	505	550	265	140
CHML-IC18RK2	620	580	570	505	550	265	140
CHML-IC24RK2	950	870	840	680	780	240	135



DUCT Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features | Control Features



ECO Fresh technology



Fresh Air Supply



Wi-Fi



Remote Control



Locking Remote Control



Daily timer



Connection to wired controller



Connection to BMS



Dry Contact

Comfort Features | Technology



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



Turbo Mode



Hot Start



-8°C Mode



Sleep Mode



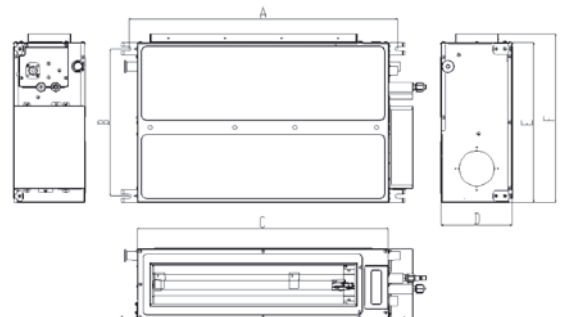
Quiet Mode

















































Build-In Drain Pump

		CHML-ID09RK2	CHML-ID12RK2	CHML-ID18RK2	CHML-ID24RK2	
Capacity	Cooling	kW	2.65	3.5	5.0	7.0
	Heating	kW	2.80	4.00	5.5	8.0
Power supply		~220-240 V/50 Hz/1 Ph				
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	9.52/3/8"	
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"	15.88/5/8"	
Air flow rate	m³/h	700/670/640/610/580/550/520	650/560/520/480/450/410/380	880/840/810/790/770/750/730	1500/1200/1200/1000/1000/900/900	
Sound level pressure	dB (A)	41/39/38/37/36/35/34	39/37/36/35/34/33/32	41/39/38/38/38/37/34	45/40/40/38/38/36/36	
Weight (unit/panel)	kg	18.5	19	25	31	

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CHML-ID09RK2	760	415	710	200	450	474
CHML-ID12RK2	760	415	710	200	450	474
CHML-ID18RK2	1060	415	1010	200	450	474
CHML-ID24RK2	942	530	900	260	655	685



SYMBOLS AND NOTATIONS

	Heating Mode		360 Degrees Air Flow
	Cooling Mode		Wi-Fi
	Ventilation Mode		Remote Control
	Dry Mode		Lock remote Control
	Clothes Dry		Daily Timer
	Humidity Control		Wired Controller
	Water Heating Mode		Connected to BMS
	Water sterilization		CH-AI Technology
	I-Feel Function		I-Action Technology
	Turbo Mode		Auto restart
	Hot Start		Self-Diagnostic
	Vertical Swing		Intelligent Defrost
	Horizontal Swing		AutoLight
	Heating +8°C		Inverter Technology
	Sleep Mode		LED Display
	Quiet Mode		BlueFin
	3D Air flow		Energy efficient copper tube
	ECO Fresh Filter		Multi-Speed Fan
	CH-SMART ION Filter		Crankcase heating system
	X-Fan Function		R32 Refrigerant
	CH-UV Technology		R410 Refrigerant a
	Double Self-Clean Technology		Indoor colors
	Fresh Air Supply		Base Warranty 2 years

CH
Cooper & Hunter



AIR-TO-WATER HEAT PUMP

cooperandhunter.com



cooperandhunter.com