

**PRODUCT
CATALOG**





HEAD OFFICE COOPER&HUNTER

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WE SAVE THE PLANET



The background of the entire page is a photograph of lush green trees with sunlight filtering through the leaves, creating a bright and natural atmosphere. The text is overlaid on this image.

“COOPER AND HUNTER” SOCIAL RESPONSIBILITY PROJECT “WE SAVE THE PLANET” LAUNCHED

In the autumn of 2019, Cooper&Hunter, the global brand of air conditioning and heating equipment, announced the launch of the long-term project “We Save the Planet”. It will cover all areas where the sale of Cooper&Hunter HVAC equipment is carried out, including more than 45 countries.

By definition, corporate social responsibility is a voluntary contribution of a business to the social, economic and environmental sphere, which is directly related to the core business of the company. The company has decided to implement strategic and systematic support of environmental efforts, sports associations, and socially significant actions.”

I-ACTION TECHNOLOGY

The technology was developed by the leading specialists of the R&D COOPER & HUNTER department and successfully applied to inverter air conditioners. It is based on the principle of changing the speed of rotation of the motor rotor, which provides variable performance of the compressor.

Due to I-ACTION, the compressor uses only the performance that is necessary for efficient operation of the system. There are no permanent ON/OFF actions, as a result, the system operates without high starting currents and additional input power.

Efficient operation of the compressor at the lowest speed (1 Hz), make possible to get the highest level of energy saving level (to 40 W/h). System works normally even during voltage spikes in the network: from 96 to 265 V.

All mentioned features provide high-precision control of the air conditioner, maintaining a comfortable level of indoor climate, out of wide range of temperatures.

AUTO PROTECTION

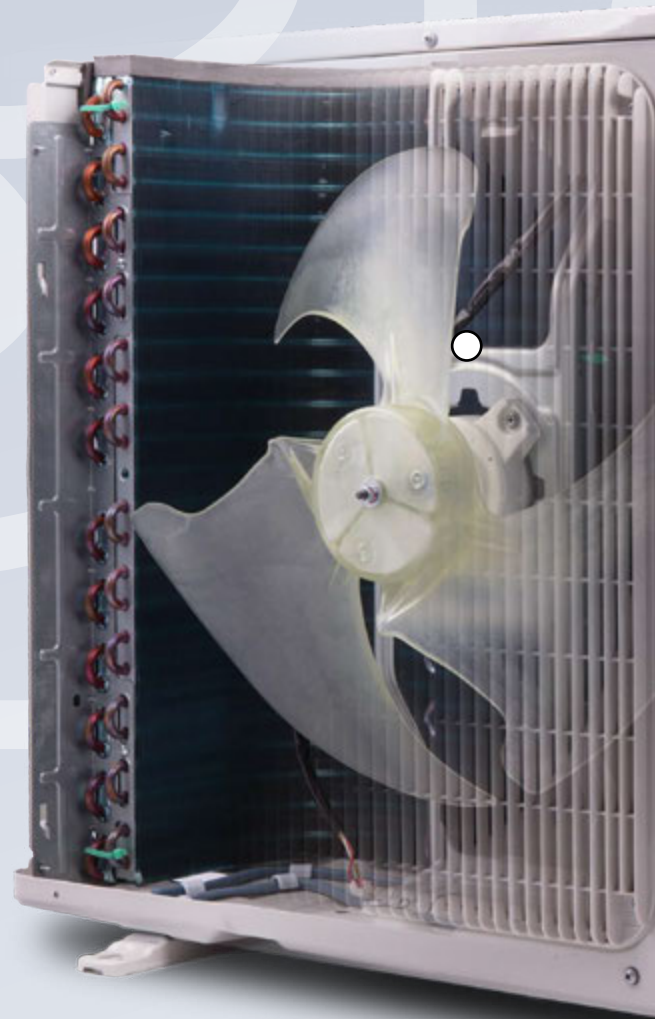
The newest components of the air conditioner ensure the long-term operation of all elements of the air conditioning system and reacts rapidly to incorrect operation to avoid serious damage in emergency situations.

- Modern high-speed microprocessor provides smart control in any operation mode.
- Automatic voltage adaptation (96V-265V), guarantees protection against voltage spike and avoid possible voltage spikes. This ensures stable and reliable operation without system failure.

BLUE-FIN COATING

ODU heat exchanger has a special anti-corrosive coating BLUE-FIN, which guarantees the sustainability and reliability of outdoor unit.

ODU housing is protected by a galvanized steel plate and ceramic heat-resistant paint. This combination significantly extends the life cycle of outdoor unit.



WARM START

The indoor unit fan turns on when temperature is reached comfortable rate.

FUNCTION +8°C

The air conditioner will maintain a temperature on level of +8°C, this not allowing the room freezing while no one inside and saves the power consumption. Now you can leave your home without worrying that the room will freeze. This eliminates extra power consumption costs.



TWO-STAGE COMPRESSOR

Revolutionary technology provides operation at extremely low temperatures (up to -30C). For some models, cooling capacity increases by 50%, heating capacity by 30% compared to single-stage compressors.

Compressor consists of two cylinders. The first cylinder maintains a pre-pressure of refrigerant in the range of 0.3-0.4 MPa, the other circuit brings to the maximum pressure of refrigerant. Thus, a constant flow of refrigerant through the compressor is maintained, which ensures reliable operation of mechanical components and system economy.

This technology allows you to reduce the amount of refrigerant and use it more efficiently as a result, lowering the evaporator pressure level, saving energy costs to maintain the required pressure level in the system. It also guaranteed high efficiency level system at lowest external temperatures.

ATTENTION TO DETAILS

COOPER&HUNTER products are constantly improved by the company's leading engineers and designers. And thanks to constant marketing consumer analysis, the leading trends of the modern global air conditioning market are taken into account.

Quality transformed into details:

- innovative fans are improving the energy efficiency of the system, as a whole and increasing the air exchange of the heat exchanger;
- copper tubes in the heat exchanger have a special internal thread, which significantly increases the heat transfer area.

AUTORESTART

All parameters and configurations restored after sudden power loss.

SELF-DIAGNOSTICS

Malfunctions are indicated and shown as error code indication on the air conditioner display. So, the system prevents consequences and guarantees prevention of possible system errors.

SMART DEFROST

The system effectively activates the defrost process due to a combination of an in-built temperature sensor and reliable heating elements.

Due to this, the defrost interval is significantly reduced, as result, the defrost time is less, compared to classic type of defrosting.

That saves system costs and makes the defrosting process comfortable and insensible.

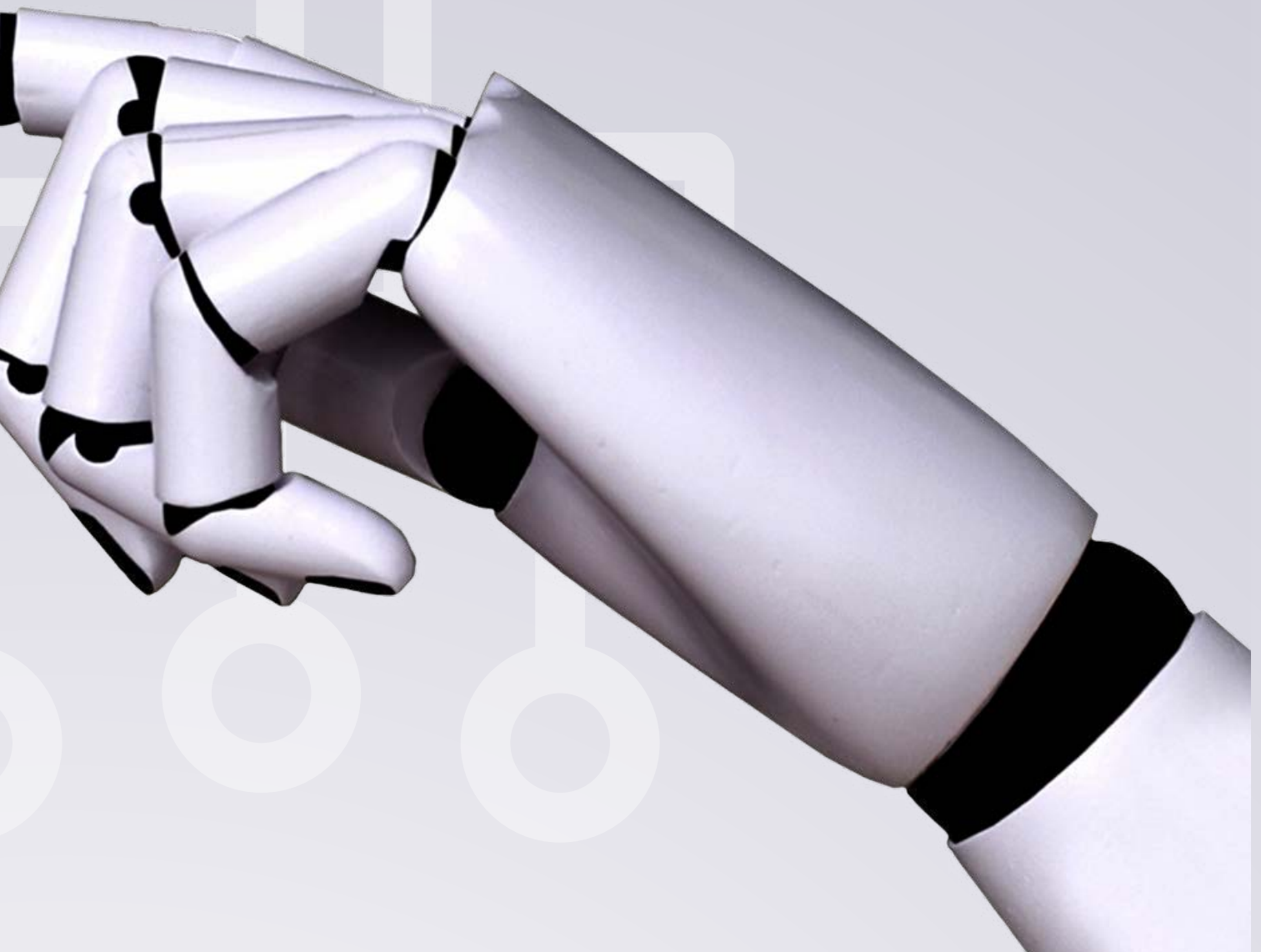
SMART SENSOR

Airflow distribution algorithm controlled by a built-in presence sensor:

- Follow – when moving the user, the air flow follows him.
- Avoid – cooled air envelops the user, preventing the effect of draft.
- Surround – 3D air flow, that imitates fresh breeze.
- Energy-saving – when the room is empty, the air conditioner will go into energy-saving mode, which saves up to 30% of electricity.

BMS

Allows you to integrate air conditioning into the Smart Home system. Central control of all engineering systems from one computer.



7-SKY TECHNOLOGY

The unique technology of total air purification completely purified the air in your house.

The filtration system consists of different types of filters that effectively neutralize various indoor pests.

ARGENTUM ION – silver ion coating is effective in neutralizing of variety types of bacteria, viruses and fungi, cleans the air and makes the indoor air more safely.

ACARO-CLEAN – designed to neutralize dust mites and prevents their of dust mites.

CATECHIN PROTECT – blocks the growth of viruses and bacteria, including such as staphylococcus, streptococcus, and others. Catechin is a natural antiseptic found in green tea leaves.

CHITIN PROTECT – a filter component of which is the substance chitosan, due to the natural properties of which a significant number of viruses are neutralized. Chitosan is part of the outer skeleton of crabs and crayfish. Scientists have learned to make a "molecular network" of chitosan that can neutralize a large number of viruses. In addition, chitosan has antibacterial properties, so chitosan is effective not only in combating viruses but also bacteria.

STOP FORMALDEHYDE – formaldehyde, is a harmful gaseous compound that can cause cancer. COOPER&HUNTER specialists have successfully developed a filter that effectively fights formaldehyde impurities in the air.

SUPER VITAMIN C – a filter flavored with the essence of substances that have vitamin C in their composition. This filter successfully overcomes foreign odors and saturates the air with nutrients.

ECO FRESH – due to the electrostatic properties of this filter, polarization is formed on the surface of the filter, which allows the accumulation of dust and small particles contained in the air.

DOUBLE SELF-CLEAN

Innovative DOUBLE SELF-CLEAN technology avoids air conditioner from dust, fungi, viruses and bacteria.

How it works:

1. Rapid freezing of the heat exchanger stop the spread of harmful particles on the indoor unit heat exchanger surface.
2. Extreme overheating of the heat exchanger surface up to + 57 ... + 58°C after freezing neutralize all fungi, bacteria and viruses.
3. The air conditioner is completely cleaned in 30 minutes.

This saves time and money on maintenance, and allows you to get healthy air



SELF-CLEANING (X-FAN)

When air conditioner stopped, the fan still works in order to dry the air conditioner and avoid extra moisture, fungus and corrosion.

STOP DUST

The upper grille of the air conditioner closes with a special blind when you turn off the air conditioner. This prevents dust from accumulating on the evaporator unit

CH SMART-ION FILTER

Ionizers such as CH SMART-ION Filter have successfully proven themselves as high-quality ionizing elements of COOPER&HUNTER air conditioners.

By using an ionizer, the air in the house gets rid of foreign odors and the effect of frosty freshness appears and a significant amount of harmful microbes in your room disappears.

SLEEP MODE

There are four intelligent night modes for comfortable sleep.

- Deep sleep – the set of temperature will be close to optimal for sleep. The mode will be regulated according to human biorhythms.
- Easy awakening – before you wake up, the set temperature will automatically drop or rise to refresh you in the morning.
- Siesta – this mode allows you to automatically adjust the set temperature according to the characteristics of a healthy afternoon sleep, providing optimal conditions for comfortable and healthy rest.
- Personal adjustment – set the temperature trend and sleep time, on your mind.



I FEEL

The function controls air temperature, by means of the sensor in the remote control. This sensor measures the temperature at the location of the remote control and transmits information to the indoor unit. This feature allows you to achieve the required parameters directly in the place where the control panel is located.

STEPLESS FAN CONTROL

Unique technology of stepless control of the indoor unit fan in a wide range from 1 to 100%

TURBO MODE

Quick cooling or heating.

Depending on the mode of operation, cool or warm air flow reaches all corners of the room, providing comfort throughout the room in a short period of time.

SWING MODE

Control of the direction of air distribution due to wide-angle horizontal and vertical louvers and allows you to create a three-dimensional air flow with a large coverage area.

AUTO-LIGHT

The light sensor determines the level of illumination of the room, while reducing or increasing the signal level and brightness of the display on the indoor unit.





MULTI-SPEED FAN

Allows you to adjust the airflow according to your needs and prevents cold air currents.

TIMER

Due to timer functions, you can schedule the air conditioner ON/OFF functions at the desired time.

LOCKING THE REMOTE CONTROL

The function restricts unwanted access to the air conditioner settings.

DRY MODE

A separate mode of operation of the system that controls excessive humidity in your home, preventing the formation of mold on the walls.

WIFI

Air conditioning control function from anywhere in the world. With this feature, you can remotely maintain the desired temperature in your home at any time of year.



VARIETY
OF COLORS



CH
Cooper & Hunter

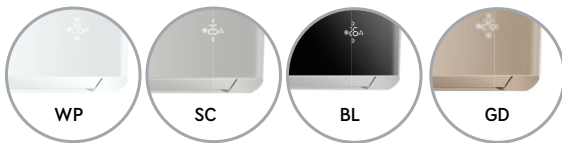
SERIES

Supreme series air conditioners use environmentally friendly R32 refrigerant. Wide working range of temperatures from -30°C to $+54^{\circ}\text{C}$, which allows you to use conditioners all year round. Modern, elegant design, a wide variety of colors making a perfect match for any interior.

SUPREME



SUPREME SERIES



FUNCTION

Health					Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

Intelligent control					Technological								Energy efficiency	
Anti Freeze protection	Auto restart	Self diagnostics	Display backlight	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Two-Stage Compressor	Warm start	Energy Efficiency	Generation 6

CONTROLS AND ACCESSORIES (OPTIONAL)



Wired Controller
XK76



Wired Controller
CE50-24/E



Wired Controller
CE52-24/F

MODEL			CH-S09FTXAM2S-GD CH-S09FTXAM2S-WP CH-S09FTXAM2S-SC CH-S09FTXAM2S-BL	CH-S12FTXAM2S-GD CH-S12FTXAM2S-WP CH-S12FTXAM2S-SC CH-S12FTXAM2S-BL	CH-S18FTXAM2S-GD CH-S18FTXAM2S-WP CH-S18FTXAM2S-SC CH-S18FTXAM2S-BL	CH-S24FTXAM2S-GD CH-S24FTXAM2S-WP CH-S24FTXAM2S-SC CH-S24FTXAM2S-BL
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)	5.57 (1.20-9.20)	7.03 (2.00-9.50)
Power consumption	Cooling	kW	0.55 (0.08-1.80)	0.84 (0.06-1.90)	1.32 (0.35-2.50)	1.85 (0.45-3.70)
	Heating	kW	0.75 (0.13-2.40)	0.95 (0.13-2.60)	1.32 (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

Power supply	~220-240V/50Hz/1 Ph					
Air productivity	m ³ /h	430/500/560/620/670/720/800	450/530/580/630/680/730/800	600/800/850/900/1000/1100/1150/1200	650/750/800/850/950/1100/1250	
Sound pressure level	dB (A)	18/22/26/30/34/38/43	20/24/28/32/36/41/46	30/35/36/39/42/45/48		32/35/38/41/44/47/50
Drainage	l/h	0.8	1.4	1.8		2.0
Weight	kg	13	13.5	16.5		16.5

OUTDOOR UNIT

Sound pressure level	dB (A)	53	54	56	58	
Compressor type	Rotary					
Refrigerant type	R32					
Temperature range for cooling	°C	-18 ... +54				
Temperature range for heating	°C	-30 ... +24				
Weight	kg	44.5	45.5	62.5	65	
Gas filling volume	kg	1.0	1.0	1.5	2.0	
Liquid line diameter	mm/inch	6.38/1/4	3/8/1/4"	6.38/1/4"		6.38/1/4"
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"		15.88/5/8"	15.88/5/8"
Maximum height difference	m	10	10	20	30	
Maximum track length	m	15	20	40	50	

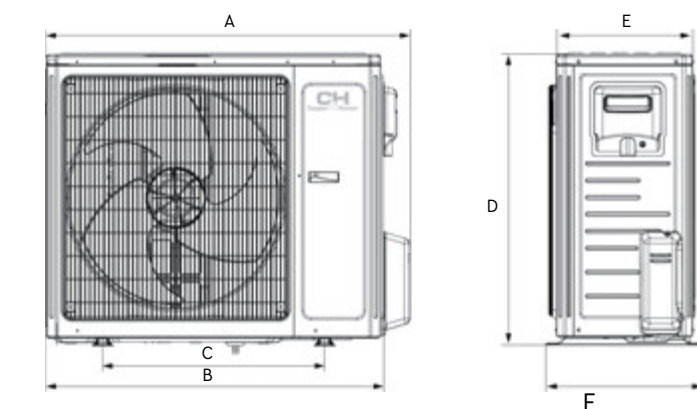
* SEER - seasonal coefficient of system cooling capacity.
** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXAM2S-GD/WP/SC/BL	996	301	225
CH-S12FTXAM2S-GD/WP/SC/BL	996	301	225
CH-S18FTXAM2S-GD/WP/SC/BL	1101	327	249
CH-S24FTXAM2S-GD/WP/SC/BL	1101	327	249

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXAM2S-GD/WP/SC/BL	899	838	550	596	303	378
CH-S12FTXAM2S-GD/WP/SC/BL	899	838	550	596	303	378
CH-S18FTXAM2S-GD/WP/SC/BL	1000	920	610	790	370	427
CH-S24FTXAM2S-GD/WP/SC/BL	1000	920	610	790	370	427



INNOVATIONS
AND
TECHNOLOGIES



CH
Cooper & Hunter

SERIES

Updated air conditioner VIP Inverter NG for the most severe cold. Innovative technology 'TWO-stage Compressor' provides efficient operation in the temperature range from -30°C to +24°C for heating and from -18°C to +54°C for cooling. The air flow is distributed over the entire area of the room. The new VIP Inverter NG with eco-freon R32 works reliably at any temperature and doesn't harm the planet.

VIP INVERTER NG



VIP INVERTER NG SERIES



CE RoHS EAC

FUNCTION

Health					Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

Intelligent control				Technological							Energy efficiency			
Anti Freeze protection	Auto restart	Self diagnostics	Display backlight	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Two-Stage Compressor	Warm start	Energy Efficiency	Generation 5

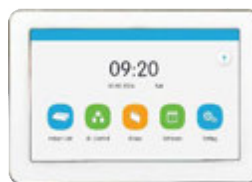
CONTROLS AND ACCESSORIES (OPTIONAL)



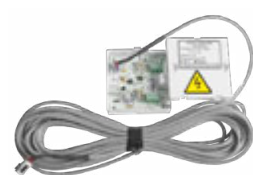
Wired Controller XK76



Wired Controller CES0-24/E



Wired Controller CES2-24/F



Detection Control Board MK010

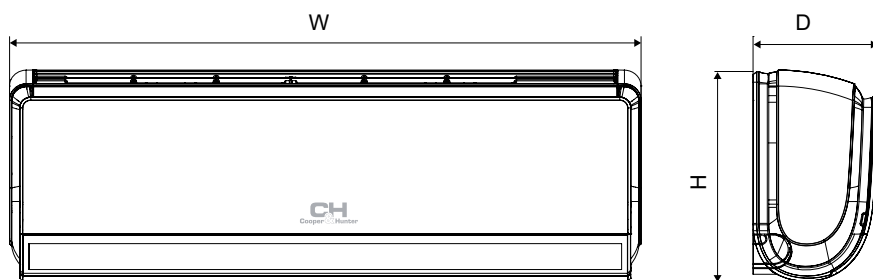
MODEL			CH-S09FTXHV-B-NG	CH-S12FTXHV-B-NG	CH-S18FTXHV-B-NG
Capacity	Cooling	kW	2.70 (0.30-4.30)	3.53 (0.30-4.80)	5.30 (1.20-6.50)
	Heating	kW	3.20 (0.60-5.90)	4.00 (0.60-6.00)	5.30 (1.30-7.00)
Power consumption	Cooling	kW	0.60 (0.13-1.30)	0.88 (0.13-1.80)	1.45 (0.24-2.30)
	Heating	kW	0.78 (0.15-2.30)	1.00 (0.15-2.40)	1.42 (0.24-2.50)
Energy efficiency	Cooling (SEER*)	kW/kW	7.5 (A++)	7.2 (A++)	6.8 (A++)
	Heating (SCOP**)	kW/kW	5.7 (A+++)	5.5 (A+++)	5.1 (A+++)

INDOOR UNIT					
Power supply	~220-240V/50Hz/1 Ph				
Air productivity	m ³ /h	220/250/290/330/390/450/550	220/250/330/400/450/500/650	340/400/500/600/650/750/850	
Sound pressure level	dB (A)	18/21/24/28/32/34/36	19/22/25/29/31/34/37	22/24/28/32/34/38/43	
Drainage	l/h	0.8	1.4	1.8	
Weight	kg	11.5	11.5	14	

OUTDOOR UNIT					
Sound pressure level	dB (A)	52	53	57	
Compressor type	Rotary				
Refrigerant type	R32				
Temperature range for cooling	°C	-18/+54			
Temperature range for heating	°C	-30/+24			
Weight	kg	42	43.5	50.5	
Gas filling volume	kg	0.95	0.9	1.4	
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	
Maximum height difference	m	10	10	10	
Maximum track length	m	15	20	25	

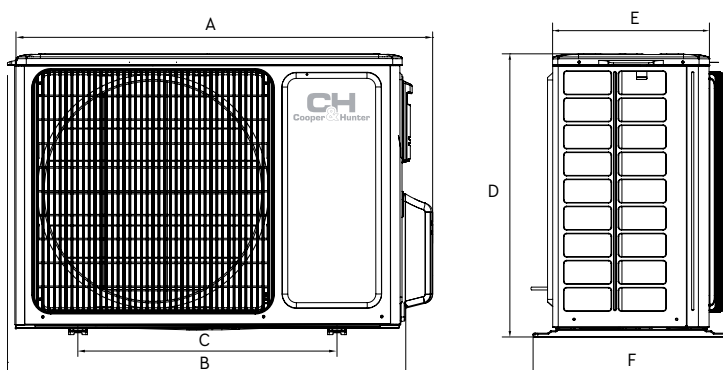
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXHV-B-NG	860	305	170
CH-S12FTXHV-B-NG	860	305	170
CH-S18FTXHV-B-NG	960	320	205

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXHV-B-NG	899	810	490	596	303	378
CH-S12FTXHV-B-NG	899	810	490	596	303	378
CH-S18FTXHV-B-NG	950	892	560	700	341	396



RELIABILITY AND
ENERGY EFFICIENCY



CH
Cooper & Hunter

SERIES

For years ICY III has been proving its reliability and manufacturability. The highest class of energy efficiency, provides the opportunity to save as much as possible on accounts. The air conditioner has a new generation of total air purification technology - 'CH SMART-ION FILTER'. The air conditioner will maintain a temperature of + 8°C and protect your home from freezing.

ICY III



ICYIII SERIES



5 YEARS

+52°C

-30°C

18dB

INVERTER

CE RoHS EAC

FUNCTION

Health					Comfort management									
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL	
Intelligent control					Technological								Energy efficiency	
Anti Freeze protection	Auto restart	Self diagnostics	Display backlight	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Two-Stage Compressor	Warm start	Energy Efficiency	Generation 5

CONTROLS AND ACCESSORIES (OPTIONAL)



Wired Controller
XK76



Wired Controller
CE50-24/E



Wired Controller
CES2-24/F

MODEL			CH-S09FTXTB2S-NG	CH-S12FTXTB2S-NG	CH-S18FTXTB2S-NG	CH-S24FTXTB2S-NG
Capacity	Cooling	kW	2.70 (0.76-4.81)	3.53 (0.74-4.73)	5.30 (1.00-6.30)	7.03 (2.00-8.60)
	Heating	kW	3.50 (0.82-5.50)	4.20 (0.83-6.33)	5.57(1.00-7.14)	7.03 (1.90-9.00)
Power consumption	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+++)	6.6 (A++)	6.5 (A++)
	Heating (SCOP**)	kW/kW	5.7 (A+++)	5.7 (A+++)	5.1 (A+++)	5.3 (A+++)

INDOOR UNIT

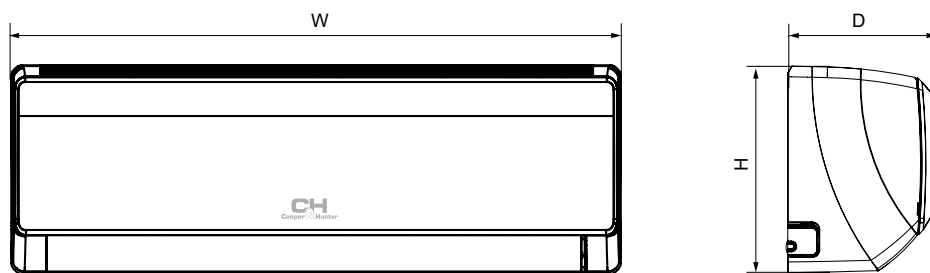
Power supply	~220-240V/50Hz/1 Ph					
Air productivity	m ³ /h	450/500/560/620/570/720/ 800	430/530/580/630/680/730/800	500/600/780/850/950/1050/1150/1200	550/750/800/850/900/950/1050/1200	
Sound pressure level	dB (A)	18/22/26/30/34/36/43	19/23/27/31/34/36/44	25/30/33/35/37/40/44	27/32/36/39/41/43/46	
Drainage	l/h	0.8	1.4	1.8	2	
Weight	kg	13	13.5	16.5	16.5	

OUTDOOR UNIT

Sound pressure level	dB (A)	53	54	56	58
Compressor type	Rotary				
Refrigerant type	R32				
Temperature range for cooling	°C	-18/+52			
Temperature range for heating	°C	-30/+24			
Weight	kg	44.5	45.5	62.5	65
Gas filling volume	kg	1	1	1.5	2
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	15.88/5/8"	15.88/5/8"
Maximum height difference	m	10	10	20	30
Maximum track length	m	15	20	40	50

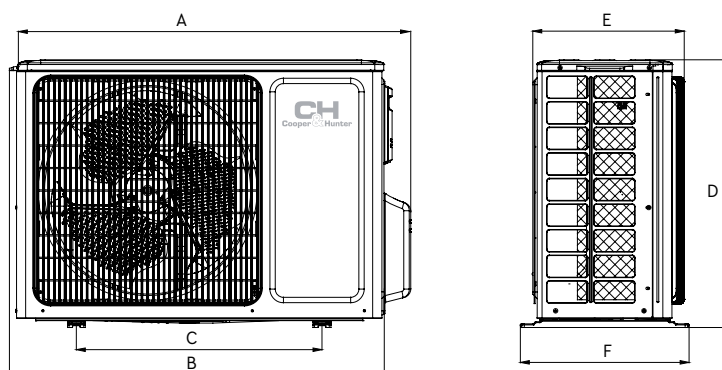
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXTB2S-NG	996	301	225
CH-S12FTXTB2S-NG	996	301	225
CH-S18FTXTB2S-NG	1101	327	249
CH-S24FTXTB2S-NG	1101	327	249

OUTDOOR UNIT



МОДЕЛЬ	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXTB2S-NG	899	838	550	596	303	378
CH-S12FTXTB2S-NG	899	838	550	596	303	378
CH-S18FTXTB2S-NG	1003	920	610	790	370	427
CH-S24FTXTB2S-NG	1003	920	610	790	370	427



COMFORT AND
TECHNOLOGIES





SERIES

NORDIC PREMIUM is presented in three colors (white/black/silver) which will suit any design solution. The conditioner has a premium energy saving complete set 'GENERATION V' (increased control of materials). Premium plasma air purifier is a unique system that cleans the air of bacteria and viruses.

NORDIC PREMIUM



NORDIC PREMIUM SERIES



FUNCTION

Health Comfort management



Intelligent control Technological Energy efficiency



MODEL			CH-S09FTXN-PS CH-S09FTXN-PW CH-S09FTXN-PB	CH-S12FTXN-PS CH-S12FTXN-PW CH-S12FTXN-PB	CH-S18FTXN-PS CH-S18FTXN-PW CH-S18FTXN-PB	CH-S24FTXN-PS CH-S24FTXN-PW CH-S24FTXN-PB
Capacity	Cooling	kW	2.64 (0.78-3.30)	3.52 (0.90-3.90)	5.30 (1.00-6.70)	6.60 (1.40-7.00)
	Heating	kW	3.00 (0.73-3.40)	3.90 (0.80-4.20)	5.60 (1.10-6.80)	6.80 (1.50-7.90)
Power consumption	Cooling	kW	0.56 (0.06-1.45)	0.77 (0.06-1.56)	1.19 (0.10-2.46)	1.50 (0.10-2.80)
	Heating	kW	0.59 (0.14-1.55)	0.80 (0.14-1.65)	1.19 (0.20-2.30)	1.45 (0.21-2.50)
Energy efficiency	Cooling (SEER*)	kW/kW	8.1(A++)	8.0(A++)	7.2(A++)	6.8(A++)
	Heating (SCOP**)	kW/kW	5.1(A++)	5.1(A++)	5.1(A++)	5.1(A++)

INDOOR UNIT

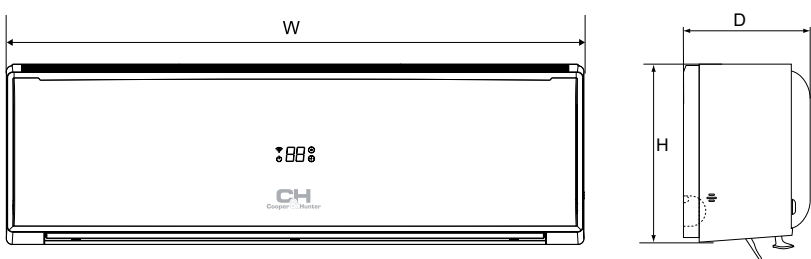
Power supply	~220-240V/50Hz/1 Ph					
Air productivity	m ³ /h		360/470/580/670	360/470/580/670	510/670/810/900	510/670/810/900
Sound pressure level	dB (A)		18/21/26/38	19/22/28/39	25/27/30/41	27/30/37/44
Drainage	l/h		0.8	1.4	1.8	2.4
Weight	kg		10	10	14	14

OUTDOOR UNIT

Sound pressure level	dB (A)		52	53	55	59
Compressor type	ротaцiйний					
Refrigerant type	R32					
Temperature range for cooling	°C		+18/+52			
Temperature range for heating	°C		-28/+24			
Weight	kg		25.5	28	35	41
Gas filling volume	kg		0.55	0.78	0.96	1.15
Liquid line diameter	mm/inch		6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipeline diameter	mm/inch		9.53/3/8"	9.53/3/8"	12.7/1/2"	15.88/5/8"
Maximum height difference	m		10	10	10	10
Maximum track length	m		20	20	25	25

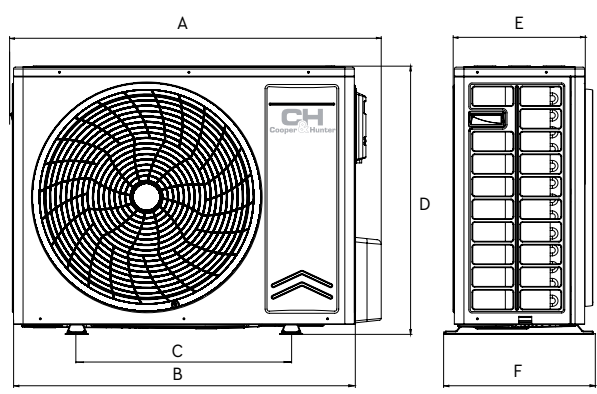
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXN-PS/PW/PB	880	298	218
CH-S12FTXN-PS/PW/PB	880	298	218
CH-S18FTXN-PS/PW/PB	992	309	235
CH-S24FTXN-PS/PW/PB	992	309	235

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXN-PS/PW/PB	830	762	540	540	257	325
CH-S12FTXN-PS/PW/PB	830	762	540	540	257	325
CH-S18FTXN-PS/PW/PB	890	-	550	598	310	372
CH-S24FTXN-PS/PW/PB	960	-	560	700	340	396



INCREASED COMFORT
AND RELIABILITY



CH
Cooper & Hunter

SERIES

Domestic heat pump. Adapted for heating in northern countries. Innovative DOUBLE SELF-CLEAN technology allows the air conditioner to self-clean from dust, fungi, viruses and bacteria by instant freezing and then heat the heat exchanger plates to +57-58°C. The air conditioner is completely cleaned in 30 minutes. All this functions save your time and money on maintenance and allow you to get healthy air.

AVAILON



СЕРІЯ AVALON



CE RoHS ENE **INVERTER**



FUNCTION

Health					Comfort management							
SLEEP mode	STOP DUST	ECO-FRESH	Double Self Clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi
Intelligent control			Technological						Energy efficiency			
Anti Freeze protection	Auto restart	Self diagnostics	Display backlight	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 5

MODEL			CH-S09FTXB-G CH-S09FTXB-W	CH-S12FTXB-G CH-S12FTXB-W
Capacity	Cooling	kW	2.70 (0.90-3.80)	3.53 (1.00-3.81)
	Heating	kW	3.20 (0.70-4.40)	3.81 (1.20-4.40)
Power consumption	Cooling	kW	0.60 (0.10-1.40)	0.88 (0.10-1.40)
	Heating	kW	0.72 (0.17-1.65)	0.95 (0.20-1.65)
Energy efficiency	Cooling (SEER*)	kW/kW	8.8 (A+++)	8.6 (A+++)
	Heating (SCOP**)	kW/kW	4.7 (A++)	4.6 (A++)

INDOOR UNIT				
Power supply	~220-240V/50Hz/1 Ph			
Air productivity	m ³ /h	276/300/380/410/510/620/670		276/300/380/410/510/620/670
Sound pressure level	dB (A)	21/23/29/31/35/40/42		23/24/31/33/36/40/42
Drainage	l/h	0.8		1.4
Weight	kg	14		14

OUTDOOR UNIT				
Sound pressure level	dB (A)	52		54
Compressor type	Rotary			
Refrigerant type	R32			
Temperature range for cooling	°C	-15/+43		
Temperature range for heating	°C	-25/+24		
Weight	kg	33		33.5
Gas filling volume	kg	0.7		0.85
Liquid line diameter	mm/inch	6.38/1/4"		6.38/1/4"
Gas pipeline diameter	mm/inch	9.53/3/8"		9.53/3/8"
Maximum height difference	m	10		10
Maximum track length	m	15		20

* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT

MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXB-G/W	980	312	186
CH-S12FTXB-G/W	980	312	186

OUTDOOR UNIT

MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXB-G/W	848	780	540	596	257	320
CH-S12FTXB-G/W	848	780	540	596	257	320



DESIGN
AND FUNCTIONALITY



CH
Cooper & Hunter

SERIES

Adapted for heating in northern countries. A special algorithm that ensures stable and efficient operation at negative temperatures outside. Pallet and compressor heating, outdoor unit fan speed controller. INTELLIGENT SENSOR - intelligent air flow distribution algorithm controlled built-in sensor that monitors the presence of a person in the room.

IMPERIAL

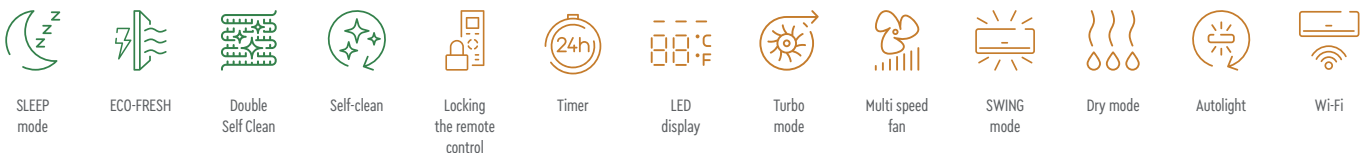


IMPERIAL SERIES



CE RoHS EAC **INVERTER**

Health Comfort management



Intelligent control Technological Energy efficiency



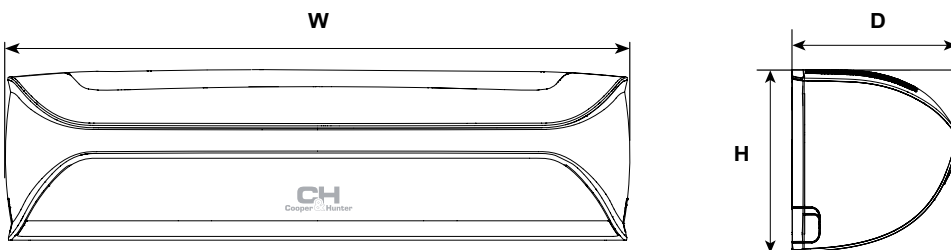
MODEL			CH-S09FTXZ-NG	CH-S12FTXZ-NG	CH-S18FTXZ-NG
Capacity	Cooling	kW	2.70 (0.20-4.40)	3.53 (0.22-4.60)	5.30 (0.30-6.40)
	Heating	kW	3.60 (0.80-5.00)	4.20 (0.80-5.20)	5.20 (1.00-6.20)
Power consumption	Cooling	kW	0.55 (0.13-1.30)	0.80 (0.13-1.40)	1.40 (0.16-2.10)
	Heating	kW	0.75 (0.22-1.60)	0.93 (0.22-1.65)	1.47 (0.30-2.45)
Energy efficiency	Cooling (SEER*)	kW/kW	9.4 (A+++)	9.0 (A+++)	7.0 (A++)
	Heating (SCOP**)	kW/kW	5.1 (A+++)	5.1 (A+++)	4.3 (A+)

INDOOR UNIT					
Power supply	~220-240V/50Hz/1 Ph				
Air productivity	m ³ /h	180/270/300/400/500/530/600/700	180/270/300/400/500/550/700/800	250/300/350/450/500/550/700/800	
Sound pressure level	dB (A)	18/19/22/29/33/35/38/42	20/22/23/29/34/37/39/44	22/24/25/31/35/37/40/46	
Drainage	l/h	0.8	1.4	1.8	
Weight	kg	17	17	17	

OUTDOOR UNIT					
Sound pressure level	dB (A)	53	54	58	
Compressor type	Rotary				
Refrigerant type	R32				
Temperature range for cooling	°C	-15/+52			
Temperature range for heating	°C	-25/+24			
Weight	kg	37.5	37.5	46	
Gas filling volume	kg	1	1	1.2	
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	
Maximum height difference	m	10	10	10	
Maximum track length	m	15	20	25	

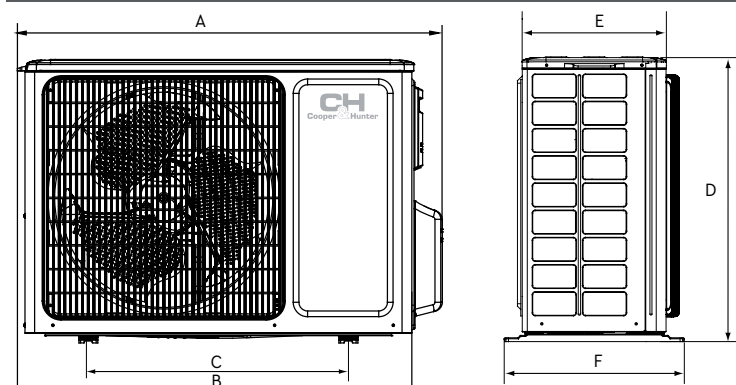
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT

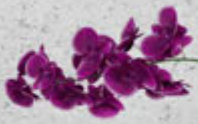


MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXZ-NG	977	281	295
CH-S12FTXZ-NG	977	281	295
CH-S18FTXZ-NG	977	281	295

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXZ-NG	899	838	490	596	303	378
CH-S12FTXZ-NG	899	838	490	596	303	378
CH-S18FTXZ-NG	965	897	560	700	340	396



NEW
OPPORTUNITIES
AND IDEAS

SERIES

SUPREME CONTINENTAL

Air conditioner of Supreme Continental series is new. It combines the modern design of the Supreme indoor unit with the power of the Arctic. Wide temperature range when cooling (-15°C to +43°C and when heating (-22°C to +24°C). The air conditioner is designed for heating in temperate climates. It has a modern and elegant appearance and fits perfectly into any interior.

SUPREME CONTINENTAL SERIES



FUNCTION

Health					Comfort management									
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL	

Intelligent control					Technological							Energy efficiency	
Anti Freeze protection	Auto restart	Self diagnostics	Display backlight	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6

CONTROLS AND ACCESSORIES (OPTIONAL)



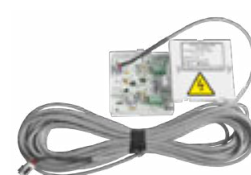
Wired Controller
XK76



Wired Controller
CE50-24/E



Wired Controller
CE52-24/F



Detection Control Board
MK010

MODEL			CH-S09FTXAL-GD CH-S09FTXAL-SC CH-S09FTXAL-BL CH-S09FTXAL-WP CH-S09FTXAL-FB	CH-S12FTXAL-GD CH-S12FTXAL-SC CH-S12FTXAL-BL CH-S12FTXAL-WP CH-S12FTXAL-FB	CH-S18FTXAL-GD CH-S18FTXAL-SC CH-S18FTXAL-BL CH-S18FTXAL-WP CH-S18FTXAL-FB	CH-S24FTXAL-GD CH-S24FTXAL-SC CH-S24FTXAL-BL CH-S24FTXAL-WP CH-S24FTXAL-FB
Capacity	Cooling	kW	2.70 (0.45-3.50)	3.50 (0.70-4.00)	5.30 (1.26-6.60)	7.00 (2.00-8.32)
	Heating	kW	2.93 (0.45-4.20)	3.81 (0.80-4.50)	5.57 (1.12-6.80)	7.20 (2.00-9.20)
Power consumption	Cooling	kW	0.59 (0.09-1.40)	0.95 (0.09-1.45)	1.55 (0.38-2.45)	2.00 (0.40-3.70)
	Heating	kW	0.65 (0.16-1.65)	0.98 (0.18-1.65)	1.43 (0.35-2.60)	1.85 (0.45-3.80)
Energy efficiency	Cooling (SEER*)	kW/kW	8.5 (A+++)	8.5 (A+++)	7.6 (A++)	7.0 (A++)
	Heating (SCOP**)	kW/kW	5.4 (A+++)	5.1 (A+++)	5.2 (A+++)	5.2 (A+++)

INDOOR UNIT

Power supply	~220-240V/50Hz/1 Ph					
Air productivity	m ³ /hour	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 pressure level	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	
Drainage	l/hour	0.8	1.4	1.8	2.4	
Weight	kg	10.5	11	13.5	16.5	

OUTDOOR UNIT

Sound pressure level	dB (A)	52	53	57	60
Compressor type	Rotary				
Refrigerant type	R-32				
Temperature range for cooling	°C	-15/+43			
Temperature range for heating	°C	-25/+24			
Weight	kg	33.5	33.5	45	53
Gas filling volume	kg	0.7	0.75	1	1.7
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	15.88/5/8"
Maximum height difference	m	10	10	10	10
Maximum track length	m	15	20	25	25

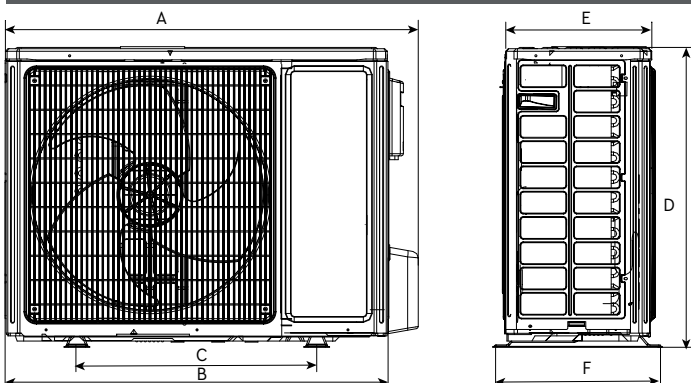
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXAL-GD/SC/BL/WP/FB	865	290	210
CH-S12FTXAL-GD/SC/BL/WP/FB	865	290	210
CH-S18FTXAL-GD/SC/BL/WP/FB	996	301	225
CH-S24FTXAL-GD/SC/BL/WP/FB	1101	327	249

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXAL-GD/SC/BL/WP/FB	848	780	540	596	257	320
CH-S12FTXAL-GD/SC/BL/WP/FB	848	780	540	596	257	320
CH-S18FTXAL-GD/SC/BL/WP/FB	965	897	560	700	340	396
CH-S24FTXAL-GD/SC/BL/WP/FB	965	892	560	700	341	396



Arctic is an appliance designed to operate in heating mode at low outside temperatures down to -25°C . Equipped with a sump heater and crankcase heater, as well as an air ioniser. The Arctic series air conditioners are designed to ensure the comfort of life. The European design, the clear geometric lines of the indoor unit and the LED display emphasise a concise and refined style.

CH
Cooper & Hunter

SERIES

EXCELLENCE
AND POWER

ARCTIC
NOVEMBER
2019



ARCTIC NG SERIES



+50°C -25°C 20dB

CE RoHS EAC

INVERTER



FUNCTION

Health						Comfort management									
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL	
Intelligent control					Technological							Energy efficiency			
Anti Freeze protection	Auto restart	Self diagnostics	Display backlight	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6		

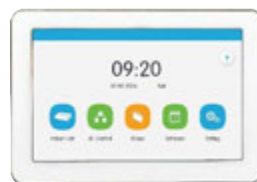
CONTROLS AND ACCESSORIES (OPTIONAL)



Wired Controller
XK76



Wired Controller
CE50-24/E



Wired Controller
CE52-24/F

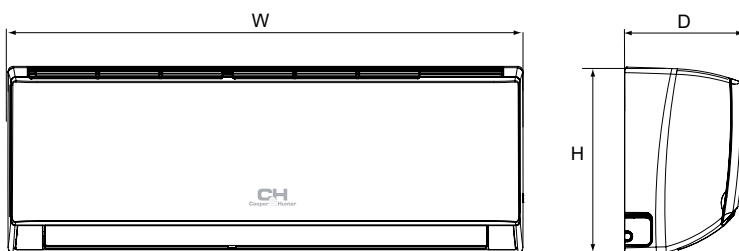
MODEL			CH-S09FTXLA2-NG	CH-S12FTXLA2-NG	CH-S18FTXLA2-NG	CH-S24FTXLA2-NG
Capacity	Cooling	kW	2.70 (0.80-3.80)	3.51 (0.90-4.40)	5.20 (1.00-6.10)	7.10 (2.00-8.85)
	Heating	kW	3.00 (0.90-4.25)	3.81 (0.90-4.70)	5.60 (1.10-6.60)	7.80 (1.80-9.45)
Power consumption	Cooling	kW	0.69 (0.10-1.30)	0.96 (0.22-1.40)	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						
Power supply	~220-240 В/50 Гц					
Air productivity	m ³ /hour	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 pressure level	dB (A)	22/24/26/28/32/35/37	22/24/26/29/32/35/38	27/31/34/35/38/41/45	29/34/36/37/39/42/47	
Drainage	l/hour	0.80	1.40	1.9	2.4	
Weight	kg	10.5	10.5	13	16	

OUTDOOR UNIT						
Sound pressure level	dB (A)	50	52	56	59	
Compressor type	Rotary					
Refrigerant type	R32					
Temperature range for cooling	°C	-15 ... +50				
Temperature range for heating	°C	-25 ... +30				
Weight	kg	23.5	24.5	30.5	41.5	
Gas filling volume	kg	0.53	0.57	0.82	1.50	
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	15.88/5/8"	
Maximum height difference	m	10	10	10	10	
Maximum track length	m	15	15	25	25	

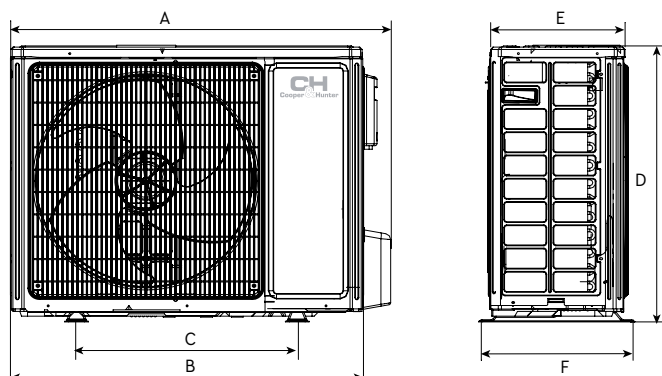
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	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



MODEL	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



MODERN AND ECOLOGICAL

Reliable winter air conditioning Nordic Continental heats your home even at outdoor temperatures down to -25°C. Thanks to the Wi-Fi function, the air conditioner is controlled from anywhere from your own smartphone. Ecological freon R32 doesn't pollute the environment.



CH
Cooper & Hunter

SERIES

NORDIC CONTINENTAL



NORDIC CONTINENTAL SERIES



5 YEARS +43°C -25°C 20dB

CE RoHS ENEC **INVERTER**

FUNCTION

Health						Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

Intelligent control					Technological						Energy efficiency		
Anti Freeze protection	Auto restart	Self diagnostics	Display backlight	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6

CONTROLS AND ACCESSORIES (OPTIONAL)



Wired Controller
XK76



Wired Controller
CE50-24/E



Wired Controller
CE52-24/F

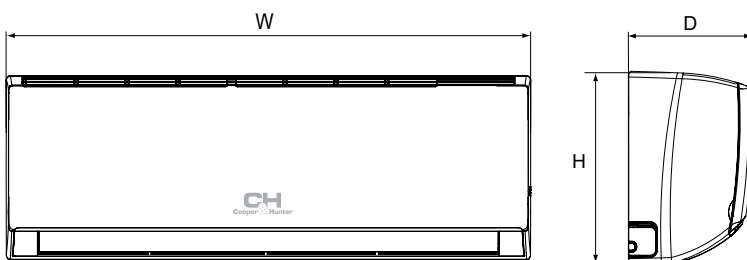
MODEL			CH-S09FTXR2-NG	CH-S12FTXR2-NG	CH-S18FTXR2-NG	CH-S24FTXR2-NG
Capacity	Cooling	kW	2.70 (0.80-3.80)	3.51 (0.90-4.40)	5.20 (1.00-6.10)	7.10 (2.00-8.85)
	Heating	kW	3.00 (0.90-4.25)	3.81 (0.90-4.70)	5.60 (1.10-6.60)	7.80 (1.80-9.45)
Power consumption	Cooling	kW	0.69 (0.10-1.30)	0.96 (0.22-1.40)	1.58 (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						
Power supply	~220-240V/50Hz/1 Ph					
Air productivity	m ³ /hour	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 pressure level	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	
Drainage	l/hour	0.80	1.40	1.9	2.4	
Weight	kg	10.5	10.5	13	16	

OUTDOOR UNIT						
Sound pressure level	dB (A)	50	52	56	59	
Compressor type	Rotary					
Refrigerant type	R-32					
Temperature range for cooling	°C	-15/+43				
Temperature range for heating	°C	-25/+24				
Weight	kg	24.5	24.5	30.5	41.5	
Gas filling volume	kg	0.53	0.57	0.82	1.50	
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	15.88/5/8"	
Maximum height difference	m	10	10	10	10	
Maximum track length	m	15	15	25	25	

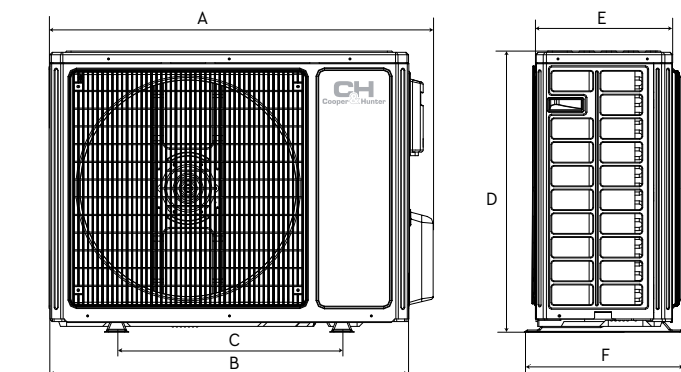
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXR2-NG	790	275	200
CH-S12FTXR2-NG	845	289	209
CH-S18FTXR2-NG	970	300	224
CH-S24FTXR2-NG	1078	325	246

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXR2-NG	732	675	455	555	285	330
CH-S12FTXR2-NG	732	675	455	555	285	330
CH-S18FTXR2-NG	802	745	513	555	300	350
CH-S24FTXR2-NG	958	889	570	660	340	402



MINIMALISTIC
AND EFFECTIVE





SERIES

Exquisite design air conditioning integrated with various technologies. I-Action provides - smooth and reliable operation of the compressor at ultra-low frequencies (1 Hz). Step-less Fan Control is a unique technology that guarantees smooth speed control of the indoor unit fan in a wide range from 1 to 100%.

NORDIC
EVO
NG



NORDIC EVO NG SERIES



5 YEARS +52°C -25°C 19dB

CE RoHS EAC **INVERTER**

FUNCTION

Health				Comfort management								
SLEEP mode	Plasma Air Cleaner	ECO-FRESH	Locking the remote control	Timer	LED display	Turbo mode	Stepless Fan Control	SWING mode	Dry mode	I FEEL	Wi-Fi	
Intelligent control			Technological							Energy efficiency		
Anti Freeze protection	Auto restart	Self diagnostics	Display backlight	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6

MODEL			CH-S09FTXN-NG	CH-S12FTXN-NG	CH-S18FTXN-NG	CH-S24FTXN-NG
Capacity	Cooling	kW	2.60 (0.48-2.90)	3.40 (0.60-3.90)	5.27 (1.00-6.70)	6.45 (1.40-7.00)
	Heating	kW	2.80 (0.73- 3.30)	3.60 (0.80-4.20)	5.50 (1.10-6.80)	6.60 (1.50-7.90)
Power consumption	Cooling	kW	0.57 (0.13-1.43)	0.77 (0.09-1.56)	1.19 (0.32-2.46)	1.47 (0.38-2.80)
	Heating	kW	0.62 (0.17-1.55)	0.80 (0.14-1.65)	1.19 (0.35-2.30)	1.42 (0.40-2.50)
Energy efficiency	Cooling (SEER*)	kW/kW	6.7(A++)	6.5(A++)	6.4(A++)	6.4(A++)
	Heating (SCOP**)	kW/kW	5.1 (A+++)	5.1 (A+++)	5.3 (A+++)	5.1 (A+++)

INDOOR UNIT

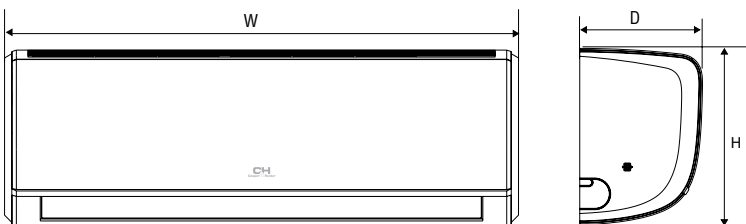
Power supply	~220-240V/50Hz/1 Ph					
Air productivity	m ³ /hour	150/230/440/520	180/250/470/550	480/570/760/850	560/670/930/1090	
Sound pressure level	dB (A)	19/24/36/40	20/25/37/41	26/29/39/43	27/31/40/45	
Drainage	l/hour	0.8	1.4	1.8	2.04	
Weight	kg	9	9	13	16	

OUTDOOR UNIT

Sound pressure level	dB (A)	52	53	55	59
Compressor type	Rotary				
Refrigerant type	R32				
Temperature range for cooling	°C	+18/+52			
Temperature range for heating	°C	-25/+24			
Weight	kg	29	30.5	40	43.5
Gas filling volume	kg	0.52	0.78	0.93	1.05
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	16.7/5/8"
Maximum height difference	m	10	10	10	10
Maximum track length	m	20	20	25	25

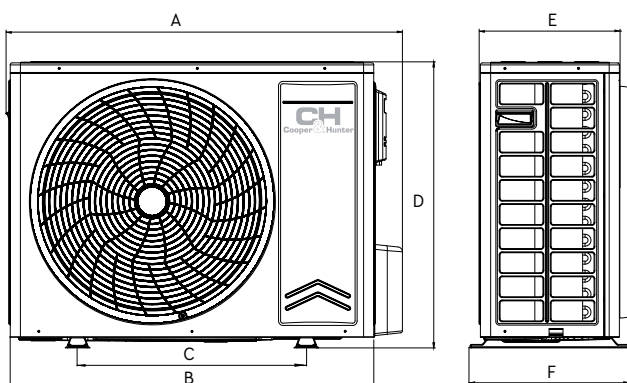
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT

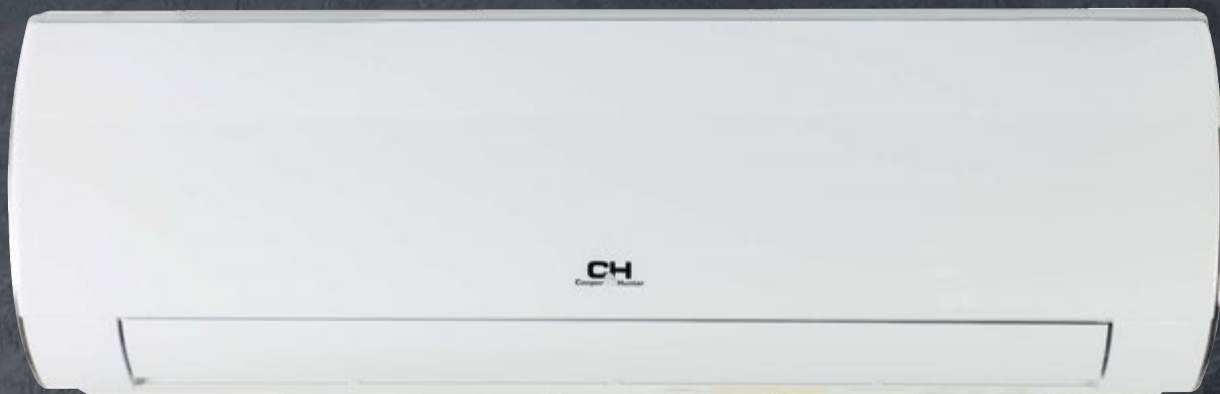


MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXN-NG	792	279	195
CH-S12FTXN-NG	792	279	195
CH-S18FTXN-NG	972	302	224
CH-S24FTXN-NG	1081	327	248

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXN-NG	830	762	540	540	257	325
CH-S12FTXN-NG	830	762	540	540	257	325
CH-S18FTXN-NG	890	-	550	598	310	372
CH-S24FTXN-NG	960	-	560	700	340	396



MODERN DESIGN
& PRODUCTIVITY



CH
Cooper & Hunter

SERIES

DAYTONA front panel perfectly fits into any interior. A wide range of operating temperatures allows to use air conditioner all year round. Works even when at low outdoor temperatures (down to -25°C) in heating mode. Meanwhile, cooling mode provides freshness in summer to your house.

DAYTONA



DAYTONA SERIES



FUNCTION

Health						Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

Intelligent control				Technological						Energy efficiency			
Anti Freeze protection	Auto restart	Self diagnostics	Display backlight	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6

CONTROLS AND ACCESSORIES (OPTIONAL)



Wired Controller
XK76



Wired Controller
CE50-24/E



Wired Controller
CE52-24/F

MODEL			CH-S09FTXD2-WP CH-S09FTXD2-BL CH-S09FTXD2-SC	CH-S12FTXD2-WP CH-S12FTXD2-BL CH-S12FTXD2-SC	CH-S18FTXD2-WP CH-S18FTXD2-BL CH-S18FTXD2-SC	CH-S24FTXD2-WP CH-S24FTXD2-BL CH-S24FTXD2-SC
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 consumption	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

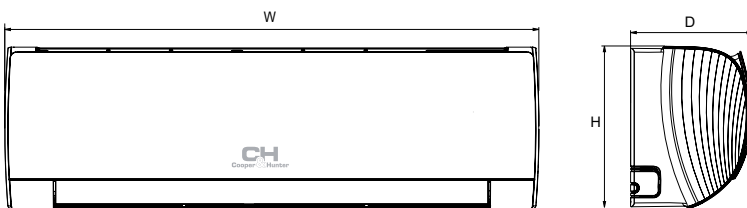
Power supply	~ 220-240V/50Hz/1 Ph					
Air productivity	m³/h	390/420/440/470/540/570/610	390/420/450/490/560/620/680	470/520/570/610/650/720/800	800/850/900/950/1000/1100/1250	
Sound pressure level	dB (A)	18/22/24/26/30/34/37	19/22/24/27/32/35/38	24/27/30/34/38/40/45	26/28/35/37/39/42/47	
Drainage	l/hour	0.80	1.40	1.9	2.4	
Weight	kg	11	11	13.5	17.5	

OUTDOOR UNIT

Sound pressure level	dB (A)	50	52	56	59
Compressor type	Rotary				
Refrigerant type	R32				
Temperature range for cooling	°C	-15 ... +50			
Temperature range for heating	°C	-25 ... +30			
Weight	kg	23.5	24.5	30.5	41.5
Gas filling volume	kg	0.53	0.57	0.82	1.50
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	15.88/5/8"
Maximum height difference	m	10	10	10	10
Maximum track length	m	15	15	25	25

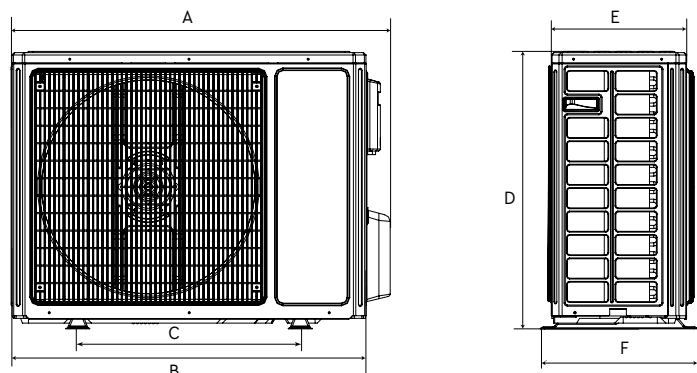
* SEER - seasonal coefficient of system cooling capacity.
** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXD2-WP/BL/SC	894	291	211
CH-S12FTXD2-WP/BL/SC	894	291	211
CH-S18FTXD2-WP/BL/SC	1017	304	221
CH-S24FTXD2-WP/BL/SC	1135	328	247

OUTDOOR UNIT



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



HIGH QUALITY
AND RELIABILITY





SERIES

Veritas air conditioners are a popular range among customers. They are wall-mounted air conditioners that use environmentally friendly R32 refrigerant. The units incorporate all the technologies used in the premium range, including 7-sky filtration technology, an integrated WIFI module and plasma ioniser.

VERITAS NG



VERITAS NG SERIES



5 YEARS +48°C -15°C 20dB

CE RoHS EAC **INVERTER**

FUNCTION

Health						Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

Intelligent control				Technological						Energy efficiency		
Anti Freeze protection	Auto restart	Self diagnostics	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6

CONTROLS AND ACCESSORIES (OPTIONAL)



Remote Controller YAG1FB2 (WiFi). For 24K model



Wired Controller XK76



Wired Controller CE50-24/E



Wired Controller CE52-24/F



Detection Control Board MK010

MODEL			CH-S07FTXQ2-NG	CH-S09FTXQ2-NG	CH-S12FTXQ2-NG	CH-S18FTXQ2-NG	CH-S24FTXQ2-NG
Capacity	Cooling	kW	2.35 (0.37-2.53)	2.60 (0.50-3.35)	3.50 (0.60-3.60)	5.00 (0.65-5.20)	7.10 (2.00-8.85)
	Heating	kW	2.50 (0.51-2.60)	2.80 (0.50-3.30)	3.60 (0.60-3.80)	5.30 (0.70-5.40)	7.80 (1.80-9.45)
Power consumption	Cooling	kW	0.68 (0.10-0.98)	0.72 (0.16-1.40)	0.97 (0.12-1.40)	1.39 (0.15-1.70)	2.03 (0.45-2.90)
	Heating	kW	0.65 (0.10-1.23)	0.71 (0.20-1.50)	0.92 (0.12-1.50)	1.34 (0.16-1.60)	2.00 (0.35-3.00)
Energy efficiency	Cooling (SEER*)	kW/kW	5.1 (A)	6.1 (A++)	6.1 (A++)	6.1 (A++)	7.0 (A++)
	Heating (SCOP**)	kW/kW	3.8 (A)	4.0 (A+)	4.0 (A+)	4.0 (A+)	5.4 (A+++)

INDOOR UNIT

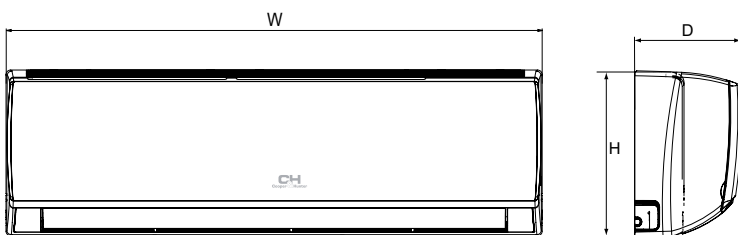
Power supply	~220-240V/50Hz/1 Ph						
Air productivity	m ³ /hour	300/390/420/500	330/430/490/560	290/410/480/560	520/610/720/850	800/850/900/950/1050/1150/1250	
Sound pressure level	dB (A)	20/22/25/29/38	23/26/30/36	24/28/32/37	28/33/39/45	27/29/35/37/39/42/47	
Drainage	l/hour	0.8	0.8	1.4	1.8	2.4	
Weight	kg	8.2	9	9	13.5	16	

OUTDOOR UNIT

Sound pressure level	dB (A)	51	52	52	54	59	
Compressor type	Rotary						
Refrigerant type	R32						
Temperature range for cooling	°C				-15/+48		
Temperature range for heating	°C				-15/+24		
Weight	kg	20.8	29.5	31	34	41.5	
Gas filling volume	kg	0.45	0.6	0.59	0.77	1.50	
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	9.53/3/8"	9.53/3/8"	15.88/5/8"	
Maximum height difference	m	10	10	10	10	10	
Maximum track length	m	15	15	20	20	25	

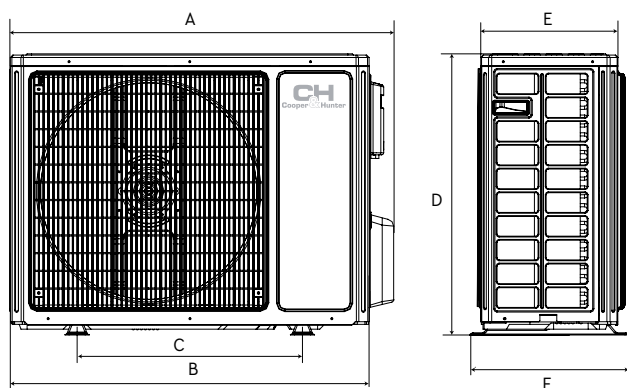
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S07FTXQ2-NG	713	270	195
CH-S09FTXQ2-NG	790	275	200
CH-S12FTXQ2-NG	790	275	200
CH-S18FTXQ2-NG	970	300	225
CH-S24FTXQ2-NG	1078	325	246

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07FTXQ2-NG	710	650	430	450	244	293
CH-S09FTXQ2-NG	782	712	510	540	257	320
CH-S12FTXQ2-NG	848	780	540	596	257	320
CH-S18FTXQ2-NG	848	780	540	596	257	320
CH-S24FTXQ2-NG	958	889	570	660	340	402



BEST COMFORT
& RELIABILITY



CH
Cooper & Hunter

SERIES

ALPHA NG series air conditioners satisfied all the needs of indoor climate of modern person. All functions are easy to control remotely via Wi-Fi, at the time SELF-CLEANING function simplifies the service of the air conditioner.

ALPHA NG



ALPHA NG SERIES



- 5 YEARS
- +48°C
- 15°C
- 20dB
- CE
- RoHS
- EAC
- INVERTER**

FUNCTION

Health						Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

Intelligent control				Technological						Energy efficiency			
Anti Freeze protection	Auto restart	Self diagnostics	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6 For 7K, 24K models	

CONTROLS AND ACCESSORIES (OPTIONAL)



Wired Controller
XK76



Wired Controller
CE50-24/E



Wired Controller
CES2-24/F

MODEL			CH-S07FTXE2-NG	CH-S09FTXE-NG	CH-S12FTXE-NG	CH-S18FTXE-NG	CH-S24FTXE2-NG
Capacity	Cooling	kW	2.35 (0.37-2.53)	2.60 (0.50-3.35)	3.50 (0.60-3.60)	5.00 (0.65-5.20)	7.10 (2.00-8.85)
	Heating	kW	2.50 (0.51-2.60)	2.80 (0.50-3.30)	3.60 (0.60-3.80)	5.30 (0.70-5.40)	7.80 (1.80-9.45)
Power consumption	Cooling	kW	0.68 (0.10-0.98)	0.72 (0.16-1.40)	0.97 (0.12-1.40)	1.39 (0.15-1.70)	2.03 (0.45-2.90)
	Heating	kW	0.65 (0.10-1.23)	0.71 (0.20-1.50)	0.92 (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)	6.1 (A++)	6.1 (A++)	6.1 (A++)	7.0 (A++)
	Heating (SCOP**)	kW/kW	3.8 (A)	4.0(A+)	4.0(A+)	4.0(A+)	5.4 (A+++)

INDOOR UNIT

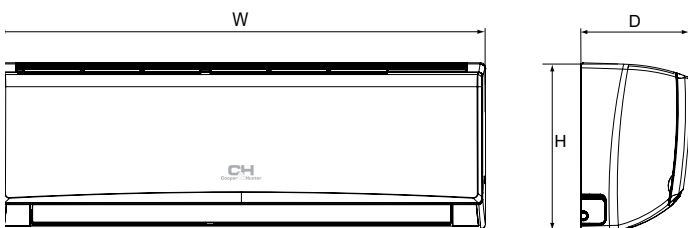
Power supply	~220-240V/50Hz/1 Ph					
Air productivity	m ³ /hour	300/390/420/500	330/430/490/560	290/410/480/560	520/610/720/850	800/850/900/950/1000/1100/1250
Sound pressure level	dB (A)	20/22/25/29/38	23/26/30/36	24/28/32/37	28/33/39/45	27/29/35/37/39/42/47
Drainage	l/hour	0.8	0.8	1.4	1.8	2.4
Weight	kg	8.2	9	9	13.5	16

OUTDOOR UNIT

Sound pressure level	dB (A)	51	52	52	54	59
Compressor type	Rotary					
Refrigerant type	R32					
Temperature range for cooling	°C	-15/+48				-15 ... +50
Temperature range for heating	°C	-15/+24				-25 ... +30
Weight	kg	20.8	29.5	31	34	41.5
Gas filling volume	kg	0.45	0.6	0.59	0.77	1.50
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	9.53/3/8"	9.53/3/8"	15.88/5/8"
Maximum height difference	m	10	10	10	10	10
Maximum track length	m	15	15	20	20	25

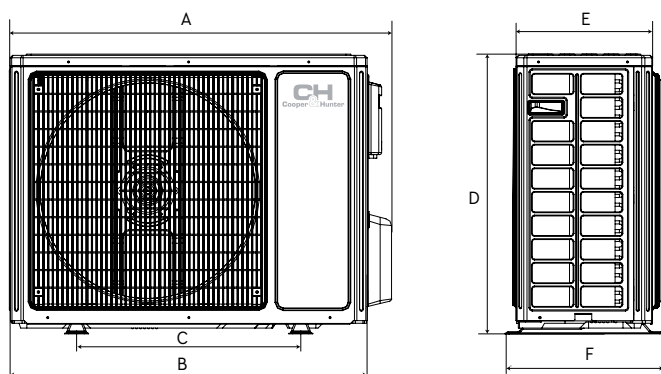
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S07FTXE2-NG	713	270	195
CH-S09FTXE-NG	790	275	200
CH-S12FTXE-NG	790	275	200
CH-S18FTXE-NG	970	300	225
CH-S24FTXE2-NG	1078	325	246

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07FTXE2-NG	710	650	430	450	244	293
CH-S09FTXE-NG	782	712	510	540	257	320
CH-S12FTXE-NG	848	780	540	596	257	320
CH-S18FTXE-NG	848	780	540	596	257	320
CH-S24FTXE2-NG	958	889	570	660	340	402



CH
Carrier

RELIABLE
& INNOVATED





SERIES

Vital is a new-generation wall-mounted air conditioner with a minimalist white panel. The unit uses R32 refrigerant. The Vita I series of wall-mounted air conditioners has all the features of premium equipment. It features CH 7-SKY filtration technology, integrated WiFi module and plasma ioniser.

VITAL INVERTER



VITAL INVERTER SERIES



5 YEARS +43°C -15°C 21dB

INVERTER

CE RoHS ENEC

FUNCTION

Health



SLEEP mode



CH 7-SK technology



ECO-FRESH



CH SMART-ION Filter



Double Self-clean



Self-clean

Comfort management



Locking the remote control



Timer



LED display



Turbo mode



Multi speed fan



SWING mode



Dry mode



Wi-Fi



I FEEL

Intelligent control



Anti Freeze protection



Auto restart



Self diagnostics



R32 Refrigerant



Silent mode



Auto protection



+8°C



I-Action Technology



BLUE-FIN



Warm start



Energy Efficiency



Generation 6 For 7K, 24K models

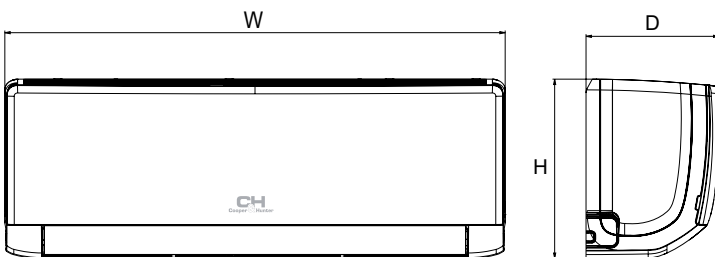
MODEL			CH-S07FTXF-NG	CH-S09FTXF-NG	CH-S12FTXF-NG	CH-S18FTXF-NG	CH-S24FTXF2-NG
Capacity	Cooling	kW	2.20 (0.37-2.53)	2.50 (0.50-3.35)	3.20 (0.60-3.60)	4.60 (0.65-5.20)	6.20 (1.80-6.90)
	Heating	kW	2.30 (0.51-2.60)	2.80 (0.50-3.30)	3.40 (0.60-3.80)	5.20 (0.70-5.40)	6.50 (1.30-7.03)
Power consumption	Cooling	kW	0.69 (0.16-0.95)	0.78 (0.16-1.40)	0.99 (0.16-1.40)	1.43 (0.16-1.70)	1.83 (0.45-2.20)
	Heating	kW	0.64 (0.20-1.00)	0.78 (0.20-1.50)	0.94 (0.20-1.50)	1.40 (0.20-1.60)	1.92 (0.45-2.30)
Energy efficiency	Cooling (SEER*)	kW/kW	5.1 (A)	6.1 (A++)	6.1 (A++)	6.1 (A++)	6.8 (A++)
	Heating (SCOP**)	kW/kW	3.8 (A)	4.0 (A+)	4.0 (A+)	4.0 (A+)	4.0 (A+)

INDOOR UNIT							
Power supply	~220-240V/50Hz/1 Ph						
Air productivity	m ³ /hour	300/430/500/550	330/430/490/550	290/410/480/550	520/610/720/850	400/600/800/900	
Sound pressure level	dB (A)	21/25/27/36	23/26/30/37	24/28/32/37	28/33/39/45	29/33/39/45	
Drainage	l/hour	0.6	0.8	1.4	1.8	1.8	
Weight	kg	8.5	8.5	8.5	13.5	13	

OUTDOOR UNIT							
Sound pressure level	dB (A)	49	52	52	54	57	
Compressor type	Rotary						
Refrigerant type	R32						
Temperature range for cooling	°C	-15/+43					
Temperature range for heating	°C	-15/+24					
Weight	kg	21.5	29	31	34	36.5	
Gas filling volume	kg	0.58	0.6	0.65	0.77	1.23	
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	9.53/3/8"	9.53/3/8"	12.7/1/2"	
Maximum height difference	m	5	10	10	10	10	
Maximum track length	m	15	15	20	20	25	

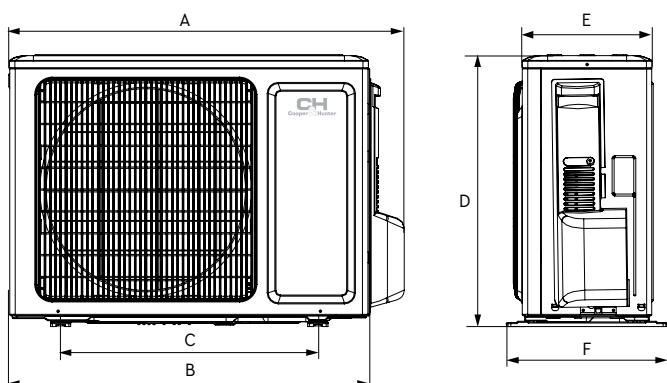
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S07FTXF-NG	773	250	185
CH-S09FTXF-NG	773	250	185
CH-S12FTXF-NG	773	250	185
CH-S18FTXF-NG	970	300	225
CH-S24FTXF-NG	970	300	225

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07FTXF-NG	720	660	440	428	257	310
CH-S09FTXF-NG	782	712	510	540	257	320
CH-S12FTXF-NG	842	780	540	596	257	320
CH-S18FTXF-NG	848	780	540	596	257	320
CH-S24FTXF2-NG	873	816	528	555	331	376



MODERN
CLASSICS





SERIES

The last generation AIR MASTER INVERTER series is an air conditioner that combine the latest HVAC innovations. Exquisite lines with a silver designer platform. I-Action technology guaratntees smooth and stable compresor operation at ultra-low frequencies (1 Hz). Wi-Fi module provides to control via Smartphone / Tablet (OS: Android, iOS).

AIR MASTER INVERTER



AIR MASTER INVERTER SERIES



INVERTER

CE RoHS EAC

FUNCTION

Health

- SLEEP mode
- CH 7-SK technology
- ECO-FRESH
- CH SMART-ION Filter
- Double Self-clean
- Self-clean

Comfort management

- Locking the remote control
- Timer
- LED display
- Turbo mode
- Multi speed fan
- SWING mode
- Dry mode
- Wi-Fi
- I FEEL

Intelligent control

- Anti Freeze protection
- Auto restart
- Self diagnostics

Technological

- R32 Refrigerant
- Silent mode
- Auto protection
- +8°C
- I-Action Technology
- BLUE-FIN
- Warm start

Energy efficiency

- Energy Efficiency A++
- Gen VI
Generation 6
For 7K, 24K models

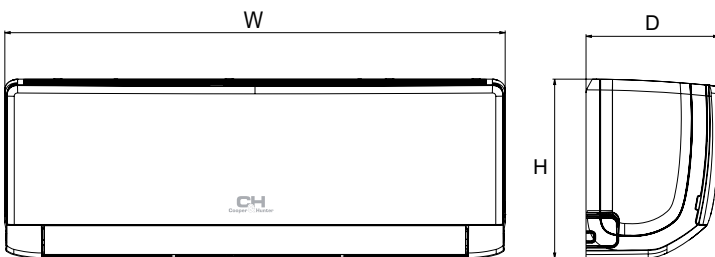
MODEL			CH-S07FTXP2-NG	CH-S09FTXP-NG	CH-S12FTXP-NG	CH-S18FTXP-NG	CH-S24FTXP2-NG
Capacity	Cooling	kW	2.20 (0.3-2.85)	2.50 (0.50-3.35)	3.20 (0.60-3.60)	4.60 (0.65-5.20)	6.20 (1.80-6.90)
	Heating	kW	2.40 (0.6-2.90)	2.80 (0.50-3.30)	3.40 (0.60-3.80)	5.20 (0.70-5.40)	6.50 (1.30-7.03)
Power consumption	Cooling	kW	0.59 (0.08-1.10)	0.78 (0.16-1.40)	0.99 (0.16-1.40)	1.43 (0.16-1.70)	1.83 (0.45-2.20)
	Heating	kW	0.59 (0.13-1.30)	0.78 (0.20-1.50)	0.94 (0.20-1.50)	1.40 (0.20-1.60)	1.92 (0.45-2.30)
Energy efficiency	Cooling (SEER*)	kW/kW	6.6 (A++)	6.1 (A++)	6.1 (A++)	6.1 (A++)	6.8 (A++)
	Heating (SCOP**)	kW/kW	4.0 (A+)	4.0 (A+)	4.0 (A+)	4.0 (A+)	4.0 (A+)

INDOOR UNIT							
Power supply	~220-240V/50Hz/1 Ph						
Air productivity	m ³ /h	250/420/470/500	550/500/430/300	550/480/410/290	850/720/610/520	400/600/800/900	
Sound pressure level	dB (A)	21/25/27/36	23/26/30/37	24/28/32/37	28/33/39/45	30/33/39/45	
Drainage	l/hour	0.6	0.8	1.4	1.8	1.8	
Weight	kg	7.5	8.5	8.5	13.5	13	

ЗОВНІШНІЙ БЛОК							
Sound pressure level	dB (A)	50	52	52	54	57	
Compressor type	Rotary						
Refrigerant type	R32						
Temperature range for cooling	°C	-15/+43					
Temperature range for heating	°C	-15/+24					
Weight	kg	21	29	31	34	36.5	
Gas filling volume	kg	0.45	0.6	0.65	0.77	1.23	
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	9.53/3/8"	9.53/3/8"	12.7/1/2"	
Maximum height difference	m	10	10	10	10	10	
Maximum track length	m	15	15	20	20	25	

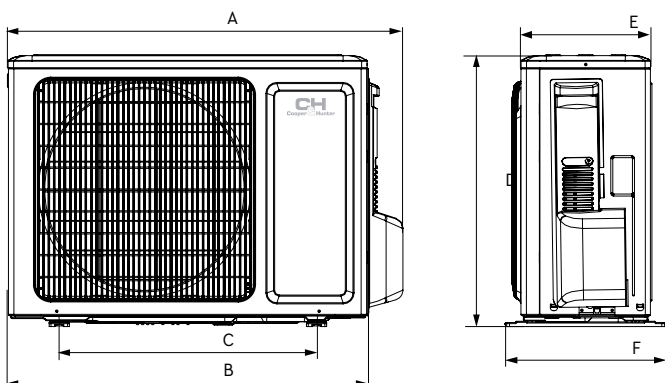
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S07FTXP2-NG	773	250	185
CH-S09FTXP-NG	773	250	185
CH-S12FTXP-NG	773	250	185
CH-S18FTXP-NG	970	300	225
CH-S24FTXP2-NG	970	300	225

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07FTXP2-NG	710	650	430	450	244	293
CH-S09FTXP-NG	782	712	510	540	257	320
CH-S12FTXP-NG	842	780	540	596	257	320
CH-S18FTXP-NG	848	780	540	596	257	320
CH-S24FTXP2-NG	873	816	528	555	331	376



NEW MODEL





SERIES

COZY INVERTER from C&H with unique DOUBLE SELF-CLEAN technology. It cleans the air, removes fungus and protects the home from bacteria. It allow to save maintenances cost. COZY INVERTER saves your time and money.

COZY INVERTER



COZY INVERTER SERIES



INVERTER

CE RoHS EAC

FUNCTION

Health					Comfort management									
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL
Intelligent control			Technological							Energy efficiency				
Anti Freeze protection	Auto restart	Self diagnostics	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Gen VI	Generation 6 For 7K, 24K models		

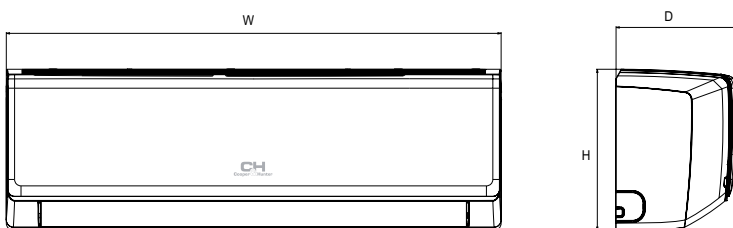
MODEL			CH-S07FTXK-NG	CH-S09FTXK-NG	CH-S12FTXK-NG	CH-S18FTXK-NG	CH-S24FTXK-NG
Capacity	Cooling	kW	2.20 (0.3-2.85)	2.50 (0.5-3.25)	3.20 (0.9-3.60)	4.60 (1.00-5.30)	6.20 (1.80-6.90)
	Heating	kW	2.40 (0.6-2.90)	2.80 (0.5-3.50)	3.40 (0.9-4.00)	5.20 (1.00-5.65)	6.50 (1.30-7.03)
Power consumption	Cooling	kW	0.59 (0.08-1.10)	0.72 (0.15-1.30)	0.99 (0.22-1.30)	1.36 (0.42-1.80)	1.83 (0.45-2.20)
	Heating	kW	0.59 (0.13-1.30)	0.75 (0.14-1.50)	0.92 (0.22-1.50)	1.34 (0.42-1.90)	1.92 (0.45-2.30)
Energy efficiency	Cooling (SEER*)	kW/kW	6.6 (A++)	6.5 (A++)	6.1 (A++)	6.4 (A++)	6.8 (A++)
	Heating (SCOP**)	kW/kW	4.0 (A+)	4.0 (A+)	4.0 (A+)	4.0 (A+)	4.0 (A+)

INDOOR UNIT							
Power supply	~220-240V/50Hz/1 Ph						
Air productivity	m ³ /hour	250/420/470/500	270/390/470/500	320/400/520/590	600/700/800/850	400/600/800/900	
Sound pressure level	dB (A)	20/24/26/36	21/25/27/36	21/26/31/37	27/32/39/46	30/33/39/45	
Drainage	l/hour	0.6	1.4	1.4	1.8	1.8	
Weight	kg	7.5	7.5	8.5	13.5	13	

OUTDOOR UNIT							
Sound pressure level	dB (A)	50	51	51	55	57	
Compressor type	Rotary						
Refrigerant type	R-32						
Temperature range for cooling	°C	-15...+43					
Temperature range for heating	°C	-15...+24					
Weight	kg	21	25	25	26.5	36.5	
Gas filling volume	kg	0.45	0.50	0.55	0.75	1.23	
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	9.53/3/8"	9.53/3/8"	12.7/1/2"	
Maximum height difference	m	10	10	10	10	10	
Maximum track length	m	15	15	15	25	25	

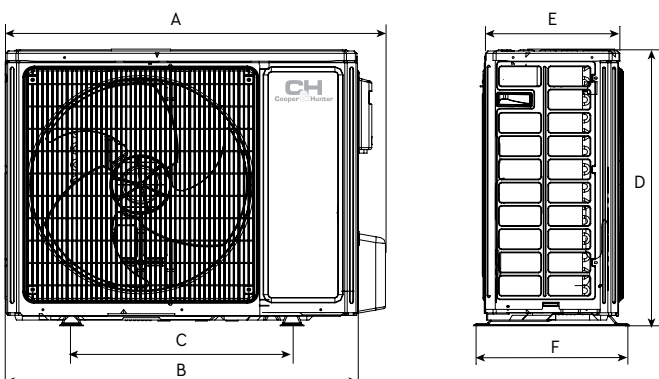
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S07FTXK-NG	696	251	190
CH-S09FTXK-NG	696	251	190
CH-S12FTXK-NG	770	251	190
CH-S18FTXK-NG	972	300	225
CH-S24FTXK-NG	972	300	225

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07FTXK-NG	710	650	430	450	244	293
CH-S09FTXK-NG	732	675	455	550	285	330
CH-S12FTXK-NG	732	675	455	550	285	330
CH-S18FTXK-NG	732	675	455	550	285	330
CH-S24FTXK-NG	873	816	528	555	331	376





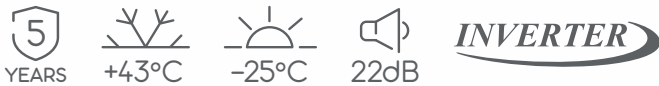
SERIES

The innovative and compact unit, mounted on the floor or on the wall, fits perfectly under the window. Conditioners have the ability to supply air up, or up and down.

INVERTER CONSOLE NG



INVERTER CONSOLE NG SERIES



CE RoHS EAC

FUNCTION

Health				Comfort management								
SLEEP mode	ECO-FRESH	CH SMART-ION Filter	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL
Intelligent control			Technological						Energy efficiency			
Anti Freeze protection	Auto restart	Self diagnostics	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6 For 7K, 24K models

CONTROLS AND ACCESSORIES (OPTIONAL)



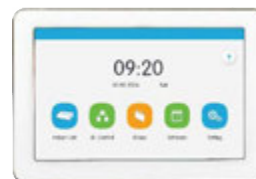
Remote Controller YAGIFB2 (WiFi). For 24K model



Wired Controller XK76



Wired Controller CE50-24/E



Wired Controller CE52-24/F

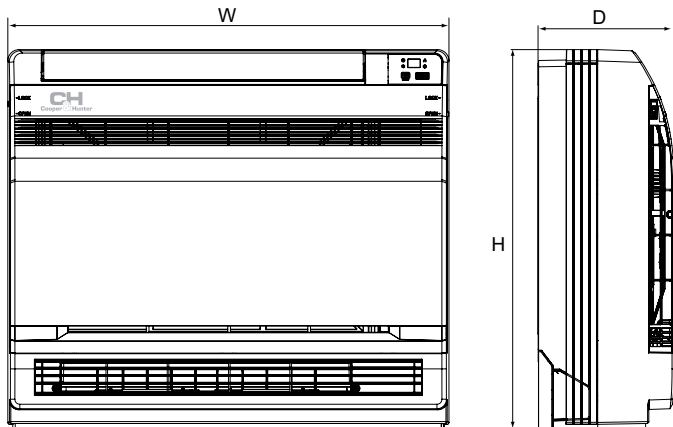
MODEL			CH-S09FVX-NG	CH-S12FVX-NG	CH-S18FVX-NG
Capacity	Cooling	kW	2.70 (0.70-3.40)	3.52 (0.80-4.40)	5.20 (1.26-6.60)
	Heating	kW	2.90 (0.60-3.50)	3.80 (1.10-4.40)	5.33 (1.12-6.68)
Power consumption	Cooling	kW	0.72 (0.17-1.30)	1.00 (0.16-1.50)	1.55 (0.38-2.45)
	Heating	kW	0.73 (0.13-1.35)	0.96 (0.17-1.50)	1.50 (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					
Power supply	~220-240V/50Hz/1 Ph				
Air productivity	m ³ /hour	250/280/330/370/410/430/500	280/360/400/440/480/520/600	320/410/460/520/580/650/700	
Sound pressure level	dB (A)	22/25/28/30/32/36/38	24/29/33/36/38/40/44	28/31/35/37/40/45/47	
Drainage	l/hour	0.8	1.2	1.8	
Weight	kg	15.5	15.5	15.5	

OUTDOOR UNIT					
Sound pressure level	dB (A)	49	52	57	
Compressor type	Rotary				
Refrigerant type	R32				
Temperature range for cooling	°C	-15 ... +43			
Temperature range for heating	°C	-25 ... +24			
Weight	kg	27.5	30.5	46	
Gas filling volume	kg	0.55	0.75	0.95	
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	
Maximum height difference	m	10	10	10	
Maximum track length	m	20	20	25	

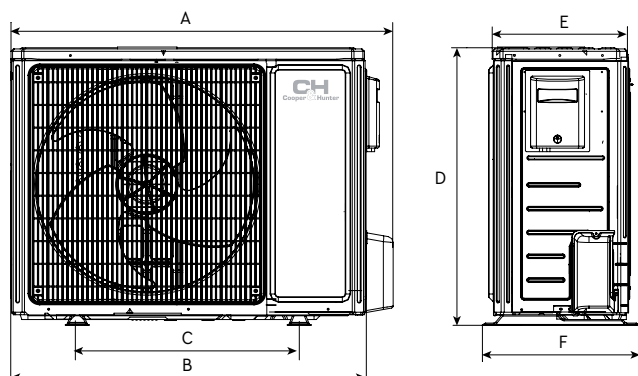
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FVX-NG	700	600	215
CH-S12FVX-NG	700	600	215
CH-S18FVX-NG	700	600	215

ЗОВНІШНІЙ БЛОК



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FVX-NG	782	712	510	540	257	320
CH-S12FVX-NG	848	780	540	596	257	320
CH-S18FVX-NG	963	892	560	700	341	396



NEW MODEL





SERIES

UNIVERSAL PRO

The first ON-OFF air conditioner that heats your home during cold in winter. UNIVERSAL PRO heats stable down to -15°C . Budget price - cares of your wallet, reliable system - cares of your house.



UNIVERSAL PRO SERIES



POKIB
 +4.3°C
 -15°C
 21dB
 ON/OFF

CE RoHS EAC

FUNCTION

Health						Comfort management						
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	Dry mode	I FEEL
Intelligent control			Technological						Energy efficiency			
Anti Freeze protection	Auto restart	Self diagnostics	R410a Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Gen VI	Generation 6 For 7K, 24K models

MODEL			CH-S07XZ3	CH-S09XZ3	CH-S12XZ3	CH-S18XZ3	CH-S24XZ3	CH-S30XZ3
Capacity	Cooling	kW	2.25	2.55	3.25	4.80	6.16	8.50
	Heating	kW	2.30	2.65	3.40	5.16	6.70	8.90
Power consumption	Cooling	kW	0.70	0.79	1.01	1.48	1.92	2.62
	Heating	kW	0.64	0.73	0.94	1.43	1.86	2.47

INDOOR UNIT

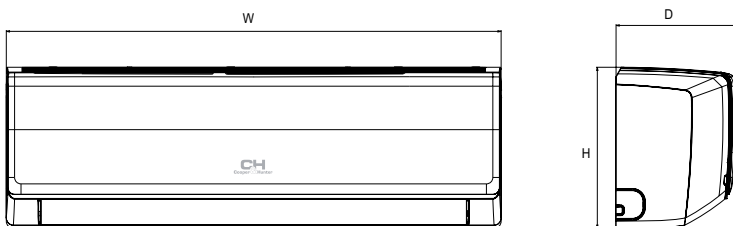
Power supply	~220-240V/50Hz/1 Ph							
Air productivity	m ³ /hour	250/420/470/520	250/420/470/520	300/320/400/520/590	340/370/410/480/530/590/650	540/590/690/840/900	820/980/1100/1250	
Sound pressure level	dB (A)	21/25/30/37	23/26/31/37	25/28/32/34/37	29/31/33/35/38/40	31/34/37/42/45	35/40/43/45	
Drainage	l/hour	0.6	0.8	1.6	1.8	1.8	3.0	
Weight	kg	7.5	7.7	8.5	10.8	13.6	16.9	

OUTDOOR UNIT

Sound pressure level	dB (A)	49	49	52	53	55	60
Compressor type	Rotary						
Refrigerant type	R-410A						
Temperature range for cooling	°C	18...+43					
Temperature range for heating	°C	-15...+24					
Weight	kg	22.3	24.7	28	38.5	43	56.9
Gas filling volume	kg	0.55	0.56	0.73	1.00	1.28	1.9
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	12.7/1/2"	12.7/1/2"	15.88/5/8"
Maximum height difference	m	10	10	10	10	10	10
Maximum track length	m	15	15	20	25	25	30

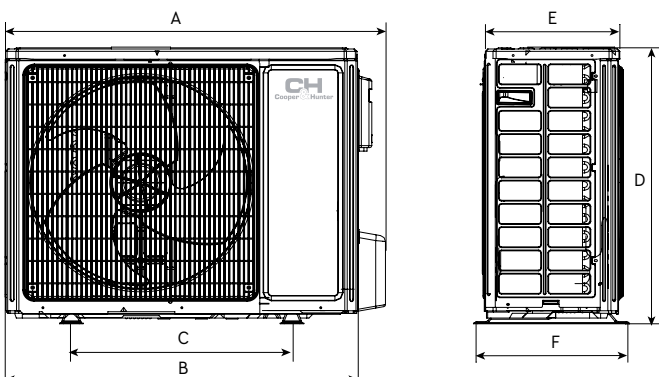
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S07XZ3	704	260	185
CH-S09XZ3	704	260	185
CH-S12XZ3	779	260	185
CH-S18XZ3	825	293	196
CH-S24XZ3	982	311	221
CH-S30XZ3	1075	333	246

OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07XZ3	710	650	430	450	244	293
CH-S09XZ3	710	650	430	450	244	293
CH-S12XZ3	732	675	455	555	285	330
CH-S18XZ3	802	745	513	555	300	350
CH-S24XZ3	873	816	528	555	331	376
CH-S30XZ3	958	889	570	660	340	402

PRIMA PLUS SERIES



POKIB
 +4.3°C
 -15°C
 22dB
 ON/OFF

CE RoHS EAC

FUNCTION

Health						Comfort management						
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	Dry mode	I FEEL
Intelligent control			Technological						Energy efficiency			
Anti Freeze protection	Auto restart	Self diagnostics	R410a Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6 For 7K, 24K models	

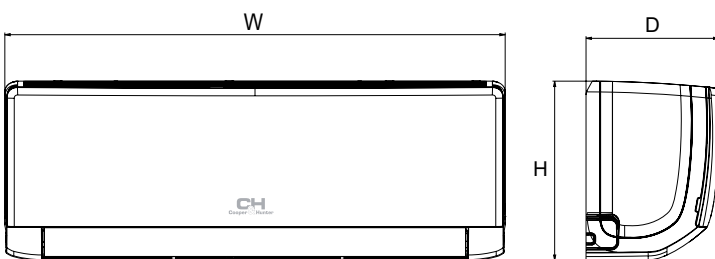
MODEL			CH-S07XN8	CH-S09XN8	CH-S12XN8	CH-S18XN8	CH-S24XN8	CH-S30XN8
Capacity	Cooling	kW	2.25	2.55	3.25	4.80	6.16	8.50
	Heating	kW	2.30	2.65	3.40	5.16	6.70	8.90
Power consumption	Cooling	kW	0.70	0.79	1.01	1.48	1.92	2.62
	Heating	kW	0.64	0.73	0.94	1.43	1.86	2.47

INDOOR UNIT								
Power supply			~220-240V/50Hz/1 Ph					
Air productivity	m ³ /hour		250/420/470/520	250/420/470/520	300/320/400/520/590	340/370/410/480/530/590/650	540/590/690/840/900	820/980/1100/1250
Sound pressure level	dB (A)		22/25/30/37	23/26/31/37	25/28/32/34/37	29/31/33/35/38/40	31/34/37/42/45	35/40/43/45
Drainage	l/h		0.6	0.8	1.6	1.8	1.8	3.0
Weight	kg		7.5	7.7	8.5	10.8	13.6	16.9

OUTDOOR UNIT								
Sound pressure level	dB (A)		49	49	52	53	55	60
Compressor type			Rotary					
Refrigerant type			R-410A					
Temperature range for cooling	°C		18...+43					
Temperature range for heating	°C		-15...+24					
Weight	kg		22.3	24.7	28	38.5	43	56.9
Gas filling volume	kg		0.55	0.56	0.73	1.00	1.28	1.9
Liquid line diameter	mm/inch		6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipeline diameter	mm/inch		9.53/3/8"	9.53/3/8"	12.7/1/2"	12.7/1/2"	12.7/1/2"	15.88/5/8"
Maximum height difference	m		10	10	10	10	10	10
Maximum track length	m		15	15	20	25	25	30

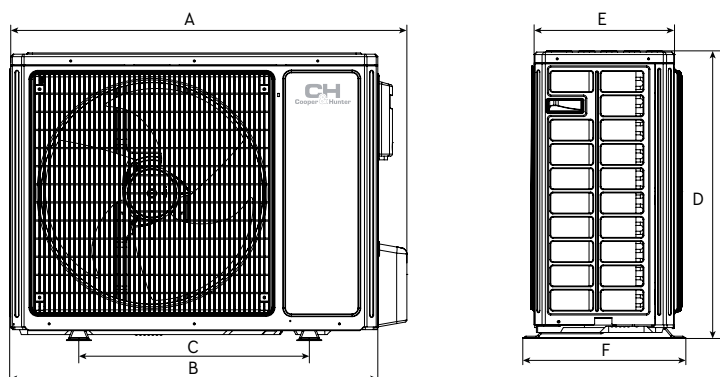
* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S07XN8	704	260	185
CH-S09XN8	704	260	185
CH-S12XN8	779	260	185
CH-S18XN8	825	293	196
CH-S24XN8	982	311	221
CH-S30XN8	1075	333	246





OUTDOOR UNIT



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07XN8	710	650	430	450	244	293
CH-S09XN8	710	650	430	450	244	293
CH-S12XN8	732	675	455	555	285	330
CH-S18XN8	802	745	513	555	300	350
CH-S24XN8	873	816	528	555	331	376
CH-S30XN8	958	889	570	660	340	402

AIR MASTER EVO SERIES



 5 YEARS
  +4.3°C
  -15°C
  22dB
 ON/OFF

CE RoHS EAC

FUNCTION

Health

Comfort management



SLEEP mode



CH 7-SK technology



ECO-FRESH



CH SMART-ION Filter



Double Self-clean



Self-clean



Locking the remote control



Timer



LED display



Turbo mode



Multi speed fan



Dry mode



I FEEL

Intelligent control

Technological

Energy efficiency



Anti Freeze protection



Auto restart



Self diagnostics



R410a Refrigerant



Silent mide



Auto protection



+8°C



I-Action Technology



BLUE-FIN



Warm start



Energy Efficiency



Generation 6 For 7K, 24K models

MODEL			CH-S07XP10	CH-S09XP10	CH-S12XP10	CH-S18XP10	CH-S24XP10	CH-S30XP10
Capacity	Cooling	kW	2.25	2.55	3.25	4.80	6.16	8.50
	Heating	kW	2.30	2.65	3.40	5.16	6.70	8.90
Power consumption	Cooling	kW	0.70	0.79	1.01	1.48	1.92	2.62
	Heating	kW	0.64	0.73	0.94	1.43	1.86	2.47

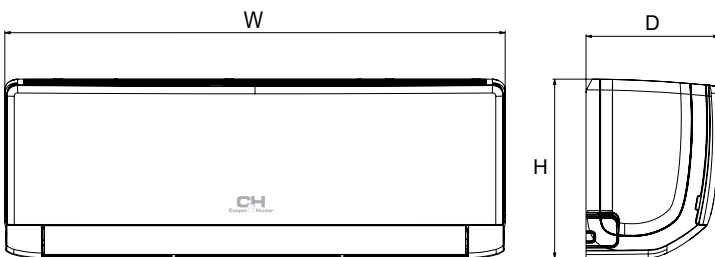
INDOOR UNIT

Power supply	~220-240V/50Hz/1 Ph							
Air productivity	m ³ /hour	250/420/470/520	250/420/470/520	300/320/400/520/590	340/370/410/480/530/590/650	540/590/690/840/900	820/980/1100/1250	
Sound pressure level	dB (A)	22/25/30/37	23/26/31/37	25/28/32/34/37	29/31/33/35/38/40	31/34/37/42/45	35/40/43/45	
Drainage	l/hour	0.6	0.8	1.6	1.8	1.8	3.0	
Weight	kg	7.5	7.7	8.5	10.8	13.6	16.9	

OUTDOOR UNIT

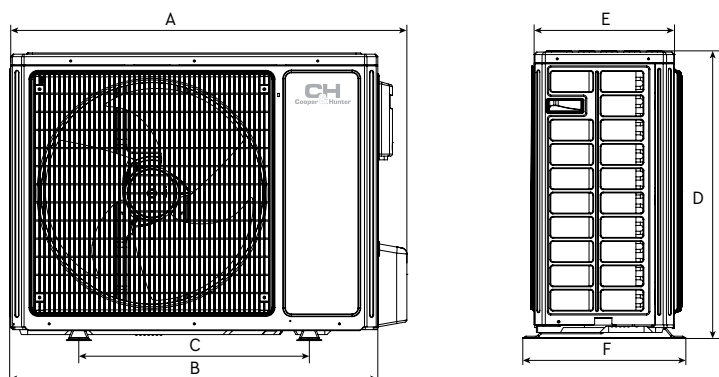
Sound pressure level	dB (A)	49	49	52	53	55	60		
Compressor type	Rotary								
Refrigerant type	R-410A								
Temperature range for cooling	°C	18...+43							
Temperature range for heating	°C	-15...+24							
Weight	kg	22.3	24.7	28	38.5	43	56.9		
Gas filling volume	kg	0.55	0.56	0.73	1.00	1.28	1.9		
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"		
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	12.7/1/2"	12.7/1/2"	15.88/5/8"		
Maximum height difference	m	10	10	10	10	10	10		
Maximum track length	m	15	15	20	25	25	30		

INDOOR UNIT



MODEL	W (mm)	H (mm)	D (mm)
CH-S07XP10	704	260	185
CH-S09XP10	704	260	185
CH-S12XP10	779	260	185
CH-S18XP10	825	293	196
CH-S24XP10	982	311	221
CH-S30XP10	1075	333	246

OUTDOOR UNIT



МОДЕЛЬ	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07XP10	710	650	430	450	244	293
CH-S09XP10	710	650	430	450	244	293
CH-S12XP10	732	675	455	555	285	330
CH-S18XP10	802	745	513	555	300	350
CH-S24XP10	873	816	528	555	331	376
CH-S30XP10	958	889	570	660	340	402

AIR MASTER POWER SERIES



ON/OFF

CE RoHS EAC

FUNCTION

Health



SLEEP mode



CH 7-SK technology



ECO-FRESH



CH SMART-ION Filter



Double Self-clean



Self-clean



Locking the remote control



Timer



LED display



Turbo mode



Multi speed fan



Dry mode



I FEEL

Comfort management

Intelligent control



Anti Freeze protection



Auto restart



Self diagnostics



R410a Refrigerant



Silent mode



Auto protection



+8°C



I-Action Technology



BLUE-FIN



Warm start



Energy Efficiency



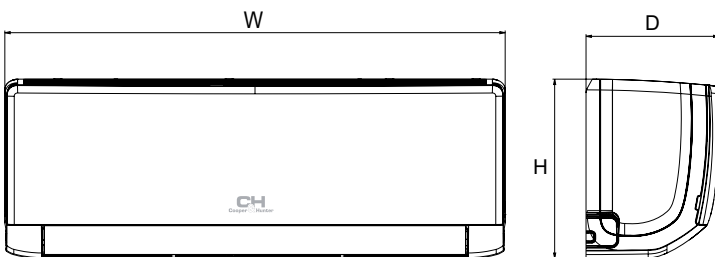
Generation 6

Technological

Energy efficiency

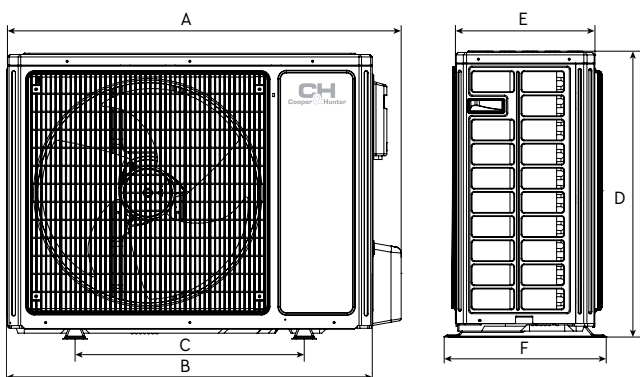
MODEL			CH-S36XL9
Capacity	Cooling	kW	9.5
	Heating	kW	9.8
Power consumption	Cooling	kW	2.86
	Heating	kW	2.71
INDOOR UNIT			
Power supply	~220-240V/50Hz/1 Ph		
Air productivity	m ³ /hour	1250	
Sound pressure level	dB (A)	41/42/47	
Drainage	l/hour	3.5	
Weight	kg	16.5	
OUTDOOR UNIT			
Sound pressure level	dB (A)	55	
Compressor type	Rotary		
Refrigerant type	R410A		
Temperature range for cooling	°C	+18/+43	
Temperature range for heating	°C	-7/+24	
Weight	kg	67	
Gas filling volume	kg	2.05	
Liquid line diameter	mm/inch	6.38/1/4"	
Gas pipeline diameter	mm/inch	15.88/5/8"	
Maximum height difference	m	10	
Maximum track length	m	30	

INDOOR UNIT



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

OUTDOOR UNIT



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

PORTABLE AIR CONDITIONER

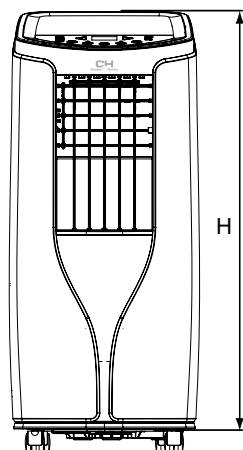
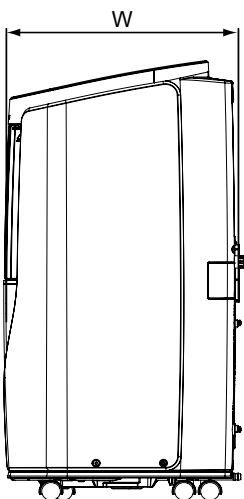


FUNCTION

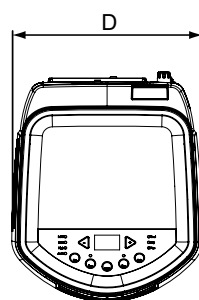
Health	Intelligent control				Technological			Energy efficiency		
SLEEP mode	ECO-FRESH	Timer	LED display	Dry mode	Wi-Fi	Auto protection	BLUE-FIN	R290 FREON	Energy Efficiency	Generation 5

MODEL			CH-M09K6S-WF	CH-M12K7S-WF
Capacity	Cooling	kW	2.60	3.40
	Heating	kW	-	2.70
Power consumption	Cooling	kW	1.00	1.31
	Heating	kW	-	1.04
Energy efficiency	Cooling (SEER*)	kW/kW	2.60	2.60
	Heating (SCOP**)	kW/kW	-	2.60
Power supply			~220-240V/50Hz/1 Ph	
Air productivity		m ³ /hour	260/290/320	300/330/360
Sound pressure level		dB (A)	49/51/53	49/51/53
Refrigerant type			R290	
Gas filling volume		kg	0.195	0.2
Weight		kg	25.5	35.5
Compressor type			Rotary	
Temperature range for cooling		°C	+16...+35	
Temperature range for heating		°C	-	+10...+27

* SEER - seasonal coefficient of system cooling capacity.
 ** SCOP - seasonal coefficient of system cooling capacity.



MODEL	W (mm)	H (mm)	D (mm)
CH-M09K6S-WF	315	770	395
CH-M12K7S-WF	390	820	405



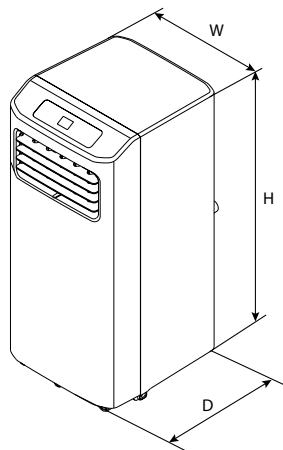


CE RoHS EAC

FUNCTION

Health		Intelligent control				Technological				Energy efficiency		
SLEEP mode	ECO-FRESH	Timer	LED display	Dry mode	Wi-Fi	I FEEL	Auto protection	BLUE-FIN	Silent mode	R290 FREON	Energy Efficiency	Generation 5

MODEL			CH-M08MC
Capacity	Cooling	kW	2.05
Power consumption	Cooling	kW	0.785
Energy efficiency	Cooling (EER)	kW/kW	2.6
Power supply	~220-240V/50Hz/1 Ph		
Air productivity		m ³ /hour	290
Sound pressure level		dB (A)	63
Refrigerant type	R290		
Gas filling volume		kg	0.21
Weight		kg	21
Compressor type	Rotary		



MODEL	W (mm)	H (mm)	D (mm)
CH-M08MC	300	670	330

CH

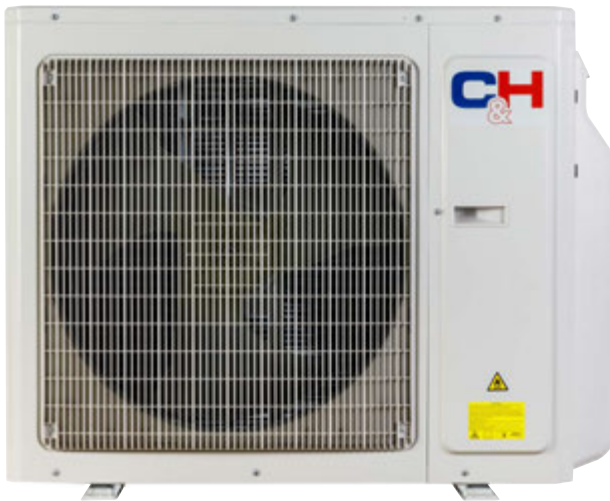
Cooper & Hunter



MULTI-SPLIT SYSTEM

NORDIC MULTI LIGHT is a free-standing DC inverter multi-split system that allows you to connect from one to five indoor units of different types to one outdoor unit.

NORDIC MULTI LIGHT SERIES



















INVERTER





FUNCTION

Intelligent control					Technological					Energy efficiency			
													
Anti Freeze protection	Auto restart	Self diagnostics	BMS connection	Wired controller connection	R32 Refrigerant	Multisplit	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6

CONTROLS AND ACCESSORIES (OPTIONAL)



Wired Controller
XK76



Wired Controller
CE50-24/E

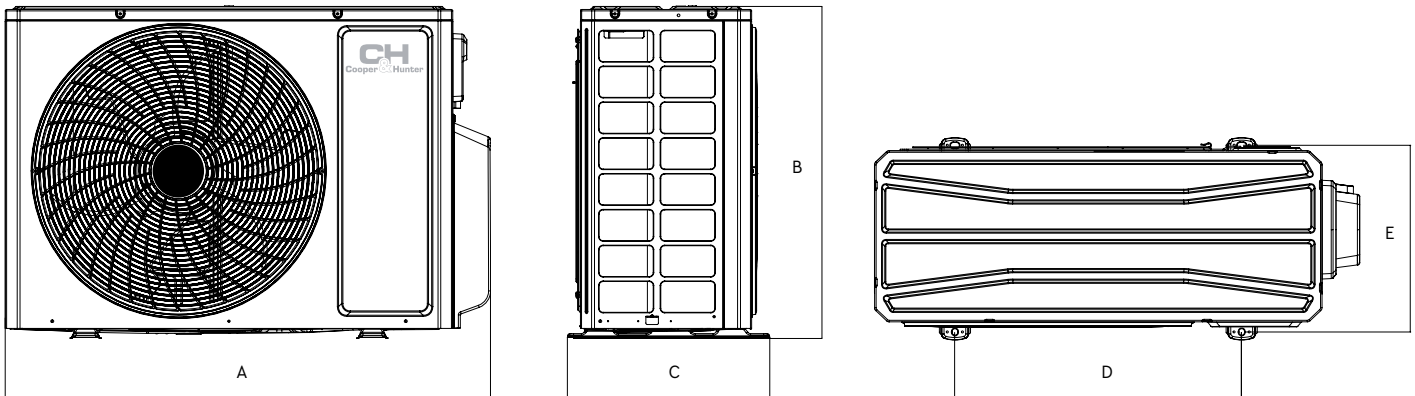


Wired Controller
CE52-24/F

THE OUTDOOR UNITS HAVE THE CAPACITY FROM 14 000 TO 42 000 BTU

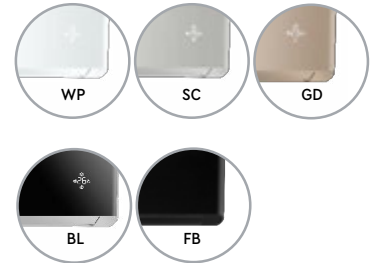
MODEL		CHML-U14RK2-NG	CHML-U18RK2-NG	CHML-U21RK3-NG	CHML-U24RK3-NG	CHML-U28RK4-NG	CHML-U36RK4	CHML-U42RK5	
Number of the connected indoor units		1-2	1-2	2-3	2-3	2-4	2-4	2-5	
Capacity	Cooling	kW	4.1	5.3	6.1	7.1	8.0	10.5	12.0
	Heating	kW	4.4	5.65	6.5	8.6	9.5	12.0	12.0
Power supply		~220-240V/50Hz/1 Ph							
Air productivity	m ³ /h	2300	2300	3800	3800	3800	5500	5500	
Sound pressure level	dB (A)	52	54	58	58	58	60	60	
Dimensions (WxDxH)	mm	745x300x550	745x300x550	964x402x660	964x402x660	964x402x660	1087x1103x440	1087x1103x440	
Weight	kg	30/32.5	32/34.5	47.5/52	47.5/52	51/55.5	90/98	90/98	
Refrigerant type		R32							
Temperature range	cooling	°C	-15/+43				-5/+48		
	heating	°C	-22/+20				-15/+27		
Pipeline maximum lenght	m	40/20	40/20	60/20	60/20	70/20	75/25	75/25	
Maximum pipeline elevation difference (between indoor and outdoor))	m	5	5	10	10	10	7.5	7.5	
Distance between the fastening bolts of the outdoor unit	mm	512	512	570	570	570	631	631	

DIMENSIONS



MODEL	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-U284RK4-NG	964	660	402	570	371
CHML-U36RK4	1087	1103	440	631	401
CHML-U42RK5	1087	1103	440	631	401

SUPREME CONTINTAL SERIES



CE RoHS EAC

SPECIFICATIONS

MODEL	CH-S09FTXAL-GD (I)		CH-S12FTXAL-GD (I)		CH-S18FTXAL-GD (I)		CH-S24FTXAL-GD (I)	
	CH-S09FTXAL-SC (I)		CH-S12FTXAL-SC (I)		CH-S18FTXAL-SC (I)		CH-S24FTXAL-SC (I)	
	CH-S09FTXAL-BL (I)		CH-S12FTXAL-BL (I)		CH-S18FTXAL-BL (I)		CH-S24FTXAL-BL (I)	
	CH-S09FTXAL-WP (I)		CH-S12FTXAL-WP (I)		CH-S18FTXAL-WP (I)		CH-S24FTXAL-WP (I)	
	CH-S09FTXAL-FB (I)		CH-S12FTXAL-FB (I)		CH-S18FTXAL-FB (I)		CH-S24FTXAL-FB (I)	
Capacity	Cooling	kW	2.70	3.50	5.30	7.00		
	Heating	kW	2.93	3.81	5.57	7.20		
Power supply	~220-240V/50Hz/1 Ph							
Air productivity	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 pressure level	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		
Drainage	l/h		0.8	1.4	1.8	2.4		
Weight	kg		10.5	11	13.5	16.5		

FUNCTION

Health					Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

DIMENSIONS



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXAL-GD/SC/BL/WP/FB (I)	865	290	210
CH-S12FTXAL-GD/SC/BL/WP/FB (I)	865	290	210
CH-S18FTXAL-GD/SC/BL/WP/FB (I)	996	301	225
CH-S24FTXAL-GD/SC/BL/WP/FB (I)	1101	327	249

DAYTONA SERIES



CE RoHS EAC

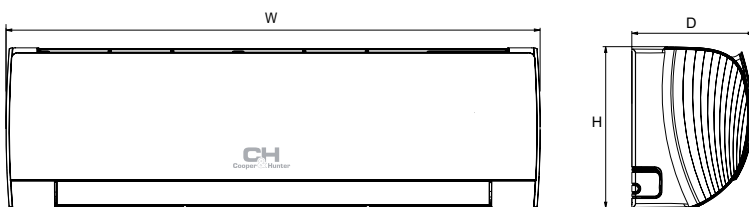
SPECIFICATIONS

MODEL			CH-S09FTXD2-WP (I) CH-S09FTXD2-BL (I) CH-S09FTXD2-SC (I)	CH-S12FTXD2-WP (I) CH-S12FTXD2-BL (I) CH-S12FTXD2-SC (I)	CH-S18FTXD2-WP (I) CH-S18FTXD2-BL (I) CH-S18FTXD2-SC (I)	CH-S24FTXD2-WP (I) CH-S24FTXD2-BL (I) CH-S24FTXD2-SC (I)
Capacity	Cooling	kW	2.70	3.51	5.20	7.10
	Heating	kW	3.00	3.81	5.60	7.80
Power supply			~ 220-240B/50Гц/1Φ			
Air productivity		m ³ /h	390/420/440/470/540/570/610	390/420/450/490/560/620/680	470/520/570/610/650/720/800	800/850/900/950/1000/1100/1250
Sound pressure level		dB (A)	18/22/24/26/30/34/37	19/22/24/27/32/35/38	24/27/30/34/38/40/45	26/28/35/37/39/42/47
Drainage		l/h	0.80	1.40	1.9	2.4
Weight		kg	11	11	13.5	17.5

FUNCTION

Health						Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

DIMENSIONS



MODEL	W (MM)	H (MM)	D (MM)
CH-S09FTXD2-WP/BL/SC (I)	894	291	211
CH-S12FTXD2-WP/BL/SC (I)	894	291	211
CH-S18FTXD2-WP/BL/SC (I)	1017	304	221
CH-S24FTXD2-WP/BL/SC (I)	1135	328	247

VERITAS NG SERIES



CE RoHS EAC

SPECIFICATION

MODEL			CH-S07FTXQ2-NG (I)	CH-S09FTXQ2-NG (I)	CH-S12FTXQ2-NG (I)	CH-S18FTXQ2-NG	CH-S24FTXQ2-NG
Capacity	Cooling	kW	2.35 (0.37-2.53)	2.60 (0.50-3.35)	3.50 (0.60-3.60)	5.00 (0.65-5.20)	7.10 (2.00-8.85)
	Heating	kW	2.50 (0.51-2.60)	2.80 (0.50-3.30)	3.60 (0.60-3.80)	5.30 (0.70-5.40)	7.80 (1.80-9.45)
Power supply			~220-240V/50Hz/1 Ph				
Air productivity		m ³ /h	300/390/420/500	330/430/490/560	290/410/480/560	520/610/720/850	800/850/900/950/1050/1150/1250
Sound pressure level		dB (A)	20/22/25/29/38	23/26/30/36	24/28/32/37	28/33/39/45	27/29/35/37/39/42/47
Drainage		l/h	0.8	0.8	1.4	1.8	2.4
Weight		kg	8.2	9	9	13.5	16

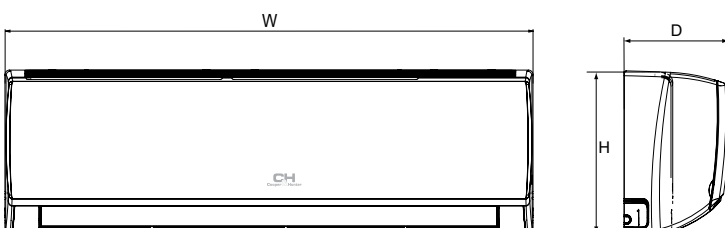
FUNCTION

Health

Comfort management



DIMENSIONS



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXAM2S-GD/WP/SC/BL (I)	996	301	225
CH-S12FTXAM2S-GD/WP/SC/BL (I)	996	301	225
CH-S18FTXAM2S-GD/WP/SC/BL (I)	1101	327	249
CH-S24FTXAM2S-GD/WP/SC/BL (I)	1101	327	249

VITAL INVERTER SERIES



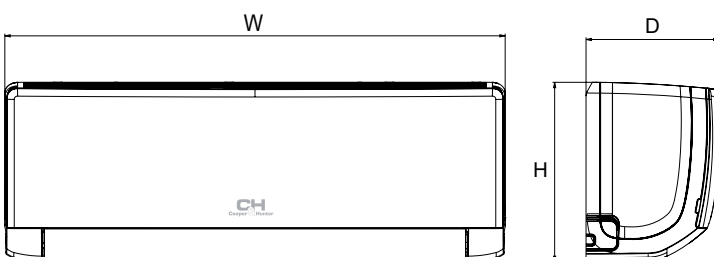
SPECIFICATION

MODEL			CH-S07FTXF-NG (I)	CH-S09FTXF-NG (I)	CH-S12FTXF-NG (I)	CH-S18FTXF-NG (I)	CH-S24FTXF2-NG (I)
Capacity	Cooling	kW	2.20	2.50	3.20	4.60	6.20
	Heating	kW	2.30	2.80	3.40	5.20	6.50
Power supply			~220-240V/50Hz/1 Ph				
Air productivity		m ³ /h	300/430/500/550	330/430/490/550	290/410/480/550	520/610/720/850	400/600/800/900
Sound pressure level		dB (A)	21/25/27/36	23/26/30/37	24/28/32/37	28/33/39/45	29/33/39/45
Drainage		l/h	0.6	0.8	1.4	1.8	1.8
Weight		kg	8.5	8.5	8.5	13.5	13

FUNCTION

Health						Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

DIMENSIONS



MODEL	W (mm)	H (mm)	D (mm)
CH-S07FTXF-NG (I)	773	250	185
CH-S09FTXF-NG (I)	773	250	185
CH-S12FTXF-NG (I)	773	250	185
CH-S18FTXF-NG (I)	970	300	225
CH-S24FTXF-NG (I)	970	300	225

ALPHA NG SERIES



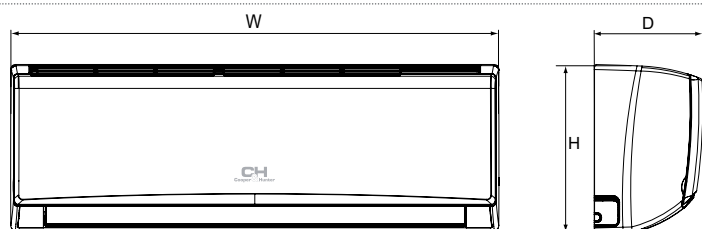
SPECIFICATION

MODEL			CH-S07FTXE2-NG (I)	CH-S09FTXE-NG (I)	CH-S12FTXE-NG (I)	CH-S18FTXE-NG (I)	CH-S24FTXE2-NG (I)
Продуктивність	Холод	кВт	2.35	2.60	3.50	5.00	7.10
	Тепло	кВт	2.50	2.80	3.60	5.30	7.80
Джерело електроживлення			~220-240 В/50 Гц/1 Ф				
Повітряпродуктивність		м³/год	300/390/420/500	330/430/490/560	290/410/480/560	520/610/720/850	800/850/900/950/1000/1100/1250
Рівень звукового тиску		дБ (А)	20/22/25/29/38	23/26/30/36	24/28/32/37	28/33/39/45	27/29/35/37/39/42/47
Осушення		л/год	0.8	0.8	1.4	1.8	2.4
Вага		кг	8.2	9	9	13.5	16

FUNCTION

Health						Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

DIMENSIONS



MODEL	W (mm)	H (mm)	D (mm)
CH-S07FTXE2-NG (I)	713	270	195
CH-S09FTXE-NG (I)	790	275	200
CH-S12FTXE-NG (I)	790	275	200
CH-S18FTXE-NG (I)	970	300	225
CH-S24FTXE2-NG (I)	1078	325	246

CONSOLE TYPE



CE RoHS EAC

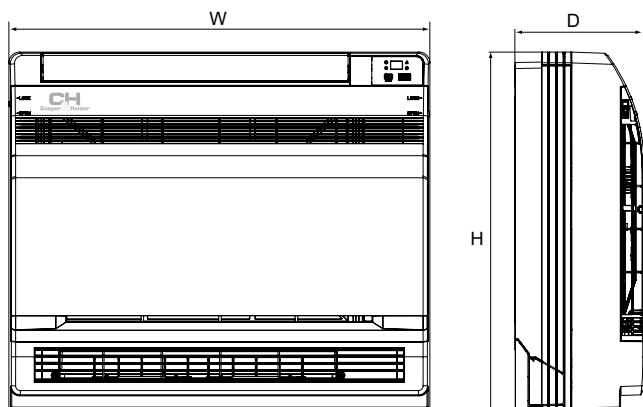
SPECIFICATION

MODEL			CHML-IK09RK	CHML-IK12RK	CHML-IK18RK
Capacity	Cooling	kW	2.70	3.52	5.20
	Heating	kW	2.80	3.75	5.33
Power supply			~220-240V/50Hz/1 Ph		
Air productivity		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 pressure level		dB (A)	22/25/28/30/32/36/38	24/29/33/36/38/40/44	28/31/35/37/40/45/47
Drainage		l/h	0.8	1.2	1.8
Weight		kg	15.5	15.5	15.5
Liquid line diameter		mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipeline diameter		mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"

FUNCTION

Health					Comfort management								
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

DIMENSIONS



MODEL	W (mm)	H (mm)	D (mm)
CHML-IK09RK	700	600	215
CHML-IK12RK	700	600	215
CHML-IK18RK	700	600	215

CASSETTE TYPE



CE RoHS EAC

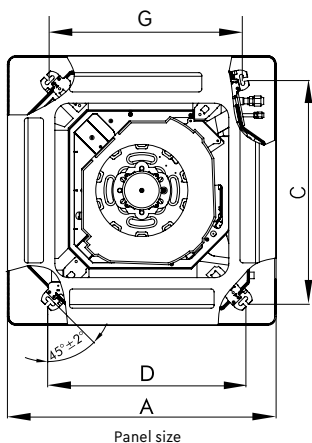
SPECIFICATION

MODEL			CHML-IC12RK	CHML-IC18RK	CHML-IC24RK
Capacity	Cooling	kW	3.50	4.50	7.10
	Heating	kW	4.0	5.0	8.0
Power supply			~220-240B/50Гц		
Air productivity	m ³ /hour		650/560/520/450	710/670/590/450	1280/1220/1100/880
Sound pressure level	dB (A)		44/41/38/34	47/45/41/35	47/45/41/36
Weight	kg		20.0/2.5	20.0/2.5	26.0/5.5
Liquid line diameter	mm/inch		6.38/1/4"	6.38/1/4"	9.53/3/8"
Gas pipeline diameter	mm/inch		9.53/3/8"	12.7/1/2"	15.88/5/8"

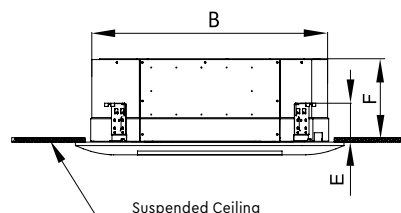
FUNCTION

Health	Comfort management	Intelligent control	Technological
SLEEP mode ECO-FRESH Timer	LED дисплей Turbo mode Multi speed fan Dry mode	Anti Freeze protection Auto restart Self diagnostics Wired controller connection	Build-in Drine Pump BLUE-FIN Silent mide

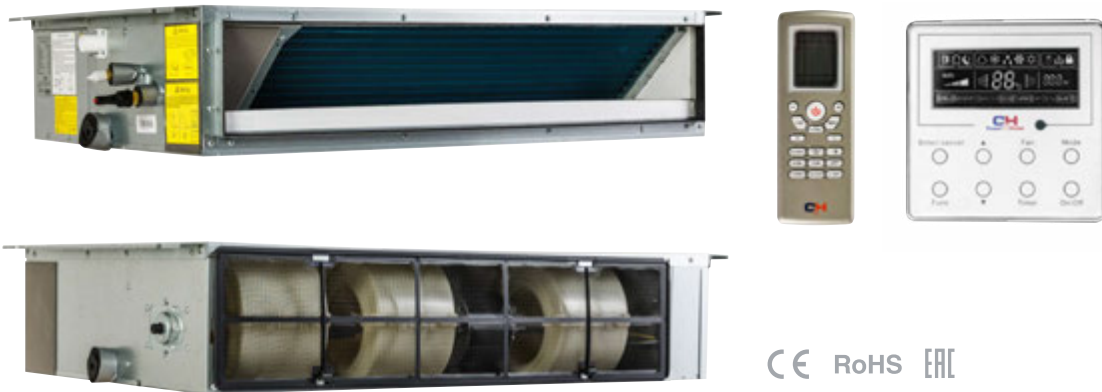
DIMENSIONS



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
"CHML-IC12RK"	670	666	600	496	145	240	596
"CHML-IC18RK"	670	666	600	496	145	240	596
"CHML-IC24RK"	950	840	780	680	145	240	-



DUCT TYPE



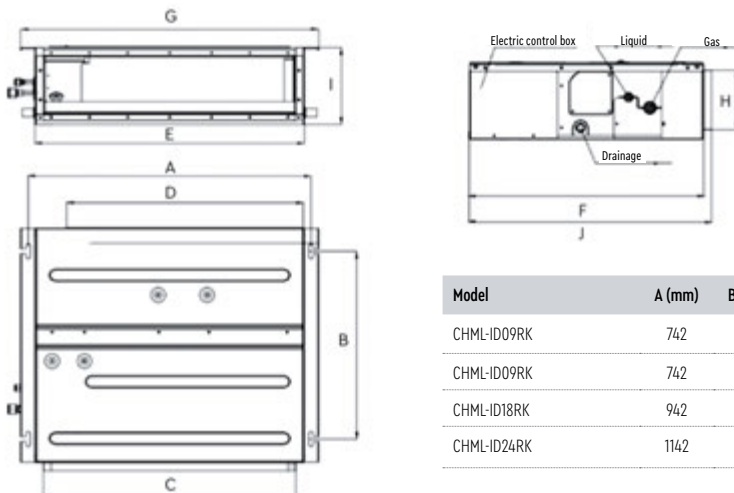
SPECIFICATION

MODEL			CHML- ID09RK	CHML- ID12RK	CHML- ID18RK	CHML- ID21RK	CHML- ID24RK
Capacity	Cooling/Heating	kW	2.5/2.8	3.5/3.85	5.0/5.5	6.0/6.6	7.1/8.0
Air productivity		m ³ /hour	450/350/280	550/400/300	700/600/500	1000/750/550	1000/750/550
Sound pressure level		dB (A)	37/34/31/47/41	39/35/32/49/42	41/33/31/43	42/34/32/44	42/34/32/44
Weight		kg	21	22	26	30	30
Liquid line diameter		mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	9.53/3/8"	9.53/3/8"
Gas pipeline diameter		mm/inch	9.53/3/8"	9.53/3/8"	12.7/1/2"	15.88/5/8"	15.88/5/8"

FUNCTION

Health			Comfort management				Intelligent control			Technological			
SLEEP mode	ECO-FRESH	Fresh Air mode	Timer	Turbo mode	Multi speed fan	Dry mode	Anti Freeze protection	Auto restart	Self diagnostics	Wired controller connection	Build-in Drine Pump	BLUE-FIN	Silent mide

DIMENSIONS



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)
CHML-ID09RK	742	491	662	620	700	615	782	156	200	635
CHML-ID09RK	742	491	662	620	700	615	782	156	200	635
CHML-ID18RK	942	491	862	820	900	615	982	156	200	635
CHML-ID24RK	1142	491	1062	1020	1100	615	1182	156	200	635

OUTDOOR UNIT COMBINATIONS

CHML-U14RK2 | 8 combinations



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

CHML-U18RK2 | 10 combinations



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

CHML-U21RK3 | 18 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	9+9+12
9+18	12+12	9+9+9	
12+18			

CHML-U24RK3 | 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 | 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 | 96 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+21	7+24	7+7+18	7+7+21	7+7+24	7+7+7+18	7+7+7+21	7+7+7+24
9+9	9+12	7+9+9	7+9+12	7+9+18	7+7+9+9	7+7+9+12	7+7+9+18
9+18	9+21	7+9+21	7+9+24	7+12+12	7+7+9+21	7+7+9+24	7+7+12+12
9+24	12+12	7+12+18	7+12+21	7+12+24	7+7+12+18	7+7+12+21	7+7+18+18
12+18	12+21	7+18+18	7+18+21	7+18+24	7+7+12+24	7+9+9+12	7+9+9+18
12+24	18+18	7+21+21	9+9+9	9+9+12	7+9+9+9	7+9+9+24	7+9+12+12
18+21	18+24	7+21+24	9+9+21	9+9+24	7+9+9+21	7+9+12+21	7+9+18+18
21+21	21+24	9+9+18	9+12+18	9+12+21	7+9+12+18	7+12+12+18	9+9+9+9
24+24		9+12+12	9+18+18	9+18+21	7+9+12+24	9+9+9+18	9+9+9+21
		9+12+24	9+21+21	12+12+12	7+12+12+12	9+9+12+12	9+9+12+18
		9+18+24	12+12+21	12+12+24	7+12+12+21	9+9+18+18	9+12+12+12
		9+21+24	12+18+21	18+18+18	9+9+9+12	9+9+12+24	
		12+12+18	12+21+21		9+9+9+24	9+12+12+21	
		12+18+18			9+9+12+21	12+12+12+12	
		12+18+24			9+12+12+18		
					12+12+12+18		

CHML-U42RK4 | 199 combinations

Two units		Three units			Four Units				Five Units			
7+18	7+21	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	9+12	7+7+18	7+7+21	7+7+24	7+7+7+21	7+7+7+24	7+7+9+9	7+7+9+12	7+7+7+7+21	7+7+7+7+24	7+7+7+9+9	7+7+7+9+12
9+18	9+21	7+9+9	7+9+12	7+9+18	7+7+9+18	7+7+9+21	7+7+9+24	7+7+12+12	7+7+7+9+18	7+7+7+9+21	7+7+7+9+24	7+7+7+12+12
9+24	12+12	7+9+21	7+9+24	7+12+12	7+7+12+18	7+7+12+21	7+7+12+24	7+7+18+18	7+7+7+12+18	7+7+7+12+21	7+7+7+12+24	7+7+7+18+18
12+18	12+21	7+12+18	7+12+21	7+12+24	7+7+18+21	7+7+18+24	7+7+21+21	7+7+21+24	7+7+7+18+21	7+7+9+9+9	7+7+9+9+12	7+7+9+9+18
12+24	18+18	7+18+18	7+18+21	7+18+24	7+9+9+9	7+9+9+12	7+9+9+18	7+9+9+21	7+7+9+9+21	7+7+9+9+24	7+7+9+12+12	7+7+9+12+18
18+21	18+24	7+21+21	7+21+24	7+24+24	7+9+9+24	7+9+12+12	7+9+12+18	7+9+12+21	7+7+9+12+21	7+7+9+12+24	7+7+9+18+18	7+7+12+12+12
21+21	21+24	9+9+9	9+9+12	9+9+18	7+9+12+24	7+9+18+18	7+9+18+21	7+9+18+24	7+7+12+12+18	7+7+12+12+21	7+7+12+18+18	7+9+9+9+9
24+24		9+9+21	9+9+24	9+12+12	7+9+21+21	7+9+21+24	7+12+12+12	7+12+12+18	7+9+9+9+12	7+9+9+9+18	7+9+9+9+21	7+9+9+9+24
		9+12+18	9+12+21	9+12+24	7+12+12+21	7+12+12+24	7+12+18+18	7+12+18+21	7+9+9+12+12	7+9+9+12+18	7+9+9+12+21	7+9+9+12+24
		9+18+18	9+18+21	9+18+24	7+12+18+24	7+12+21+21	7+18+18+18	9+9+9+9	7+9+9+18+18	7+9+12+12+12	7+9+12+12+18	7+9+12+12+21
		9+21+21	9+21+24	9+24+24	9+9+9+12	9+9+9+18	9+9+9+21	9+9+9+24	7+12+12+12+12	7+12+12+12+18	9+9+9+9+9	9+9+9+9+12
		12+12+12	12+12+18	12+12+21	9+9+12+12	9+9+12+18	9+9+12+21	9+9+12+24	9+9+9+9+18	9+9+9+9+21	9+9+9+9+24	9+9+9+12+12
		12+12+24	12+18+18	12+18+21	9+9+18+18	9+9+18+21	9+9+18+24	9+9+21+21	9+9+9+12+18	9+9+9+12+21	9+9+9+18+18	9+9+12+12+12
		12+18+24	12+21+21	12+21+24	9+9+21+24	9+12+12+18	9+12+12+21	9+12+12+24	9+9+12+12+18	9+9+12+12+21	9+12+12+12+12	9+12+12+12+18
		12+24+24	18+18+18	18+18+21	9+12+12+12	9+12+18+21	9+12+21+21	9+18+18+18	12+12+12+12+12	9+9+9+12+24		
		18+18+24	18+21+21	21+21+21	9+12+18+18	12+12+12+18	12+12+12+21	12+12+12+24				
		18+21+24			9+12+18+24	12+12+18+21						
					12+12+12+12							
					12+12+18+18							

DESIGNATION

Certificates	Comfort management	Technological
CE certificate	Locking the remote control	Refrigerant type R32
RoHS certificate	Timer	Refrigerant type R10A
EAC certificate	LED display. LED display on the indoor unit panel	Refrigerant type R290
Health	Autolight	Two-stage compressor
SLEEP mode. SLEEP comfortable sleep mode	Turbo mode	Silent mode. Silent operation of indoor and outdoor units
CH 7-SKY technology. Unique CH 7-SKY technology – seven stages of air purification	Multi-speed fan	Auto-protection
Plasma air purifier. Premium Plasma Air Purifier – a unique system that cleans from bacteria, viruses, odors and allergens	SWING mode. Wide-angle blinds, create coverage of the entire volume of the room in the mode of automatic air distribution SWING	8°C function. The +8°C function provides automatic switching on of the air conditioner in the heating mode, in case of decrease in temperature in the room to 8 °C
ESO-FRESH. Electrostatic air cleaning filter ESO-FRESH	Work in drainage mode	I-Action technology. Inverter technology
CH SMART-ION Filter. CH SMART-ION Filter – a technology of total air purification, a new generation	Step-less. Fan Control Step-less Fan Control – a unique technology for smooth control of the fan speed of the indoor unit in a wide range from 1 to 100%	BLUE-FIN anti-corrosion coating. Heating exchangers with GREEN-FIN anti-corrosion coating
Self-clean The air conditioner will continue to blow dry the indoor unit for a few minutes, even if you switch off the unit from the control panel.	Self-clean	Warm start
Double Self-clean	Wi-Fi. Wi-Fi module for air conditioning control via Smartphone / Tablet (OS: Android, iOS)	Work in a multi-zone system
Intelligent control	I FEEL I FEEL – the controller automatically regulates temperature, according to the temperature sensor on the remote control	EVI-scroll technology
Frost protection system. Intelligent frost protection system		
Autostart function. Autostart function is an automatic restart function with memorization of settings		
Wired remote control. Ability to connect a wired remote control		
Self-diagnostics. Self-diagnostics of malfunctions of the main units and modes		
Display backlight. Indoor unit backlight (display)		
BMS connection. Ability to connect to the BMS system		
Intelligent sensor		
		Energy efficiency
		Energy efficiency class A +++
		Energy efficiency class A ++
		Energy efficiency class A
		Generation of energy-saving equipment V
		Generation of energy-saving equipment VI

* Cooper&Hunter is constantly working to improve their products, so the information in this manual is subject to change without prior notice.