

CH
Cooper & Hunter

Proud Sponsor



RESIDENTIAL AIR CONDITIONERS CATALOGUE **2025**

NEW

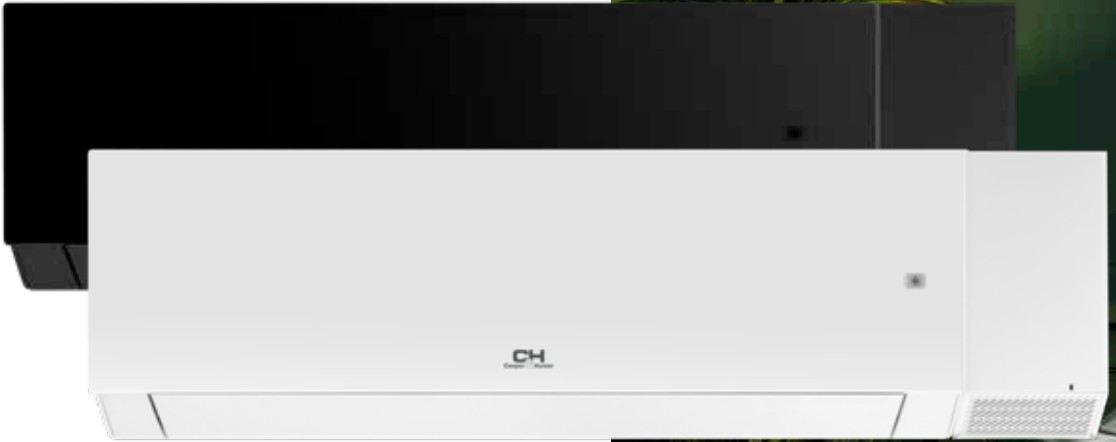
A+++

+50°C

-25°C



Gen
VI



NATURE

SERIES

Technology from the future at your house

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

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

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

FRESH AIR KIT UNIT



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

CH-HRV030S* Fresh Air Kit unit with heat exchanger

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

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



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

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

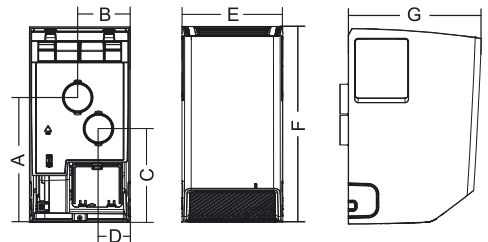


Heating test conditions
 $\Delta T=25^{\circ}\text{C}$

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

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

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



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

NATURE Series



Accessories (optional)



Wired Controller
XK76



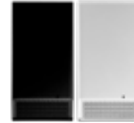
Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010



Fresh Air Kit
CH-HRV030S-***

Health Features



ECO Fresh
technology



CH 7 Sky
Technologies



CH Smart Ion
technology



X-Fan function



CH-UV
technology



Double Self-
Clean technology



FRESH AIR KIT
(option)

Comfort Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



Humidity
Control



Dry Clothes
Function



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



CH-AI
technology



I Action
technology



Auto Restart



Self
monitoring



Auto Defrost



Auto Light

Technology Features



R32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

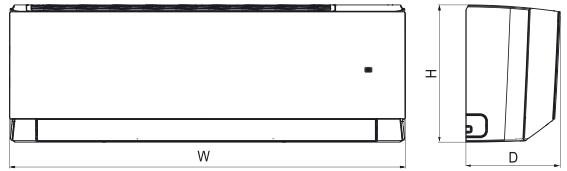


Crankcase
heating system

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

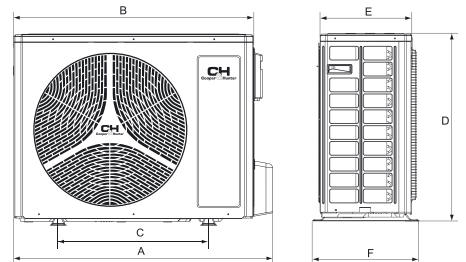
Indoor Unit		CH-S09FTXAN-***	CH-S12FTXAN- ***	CH-S18FTXAN- ***	CH-S24FTXAN- ***
Air flow rate	m³/h	610/570/540/470/ 440/420/390/180	720/600/570/530/ 500/460/430/320	1000/880/760/650/ 620/600/550/260	1000/850/760/580/ 520/450/400/280
Sound level pressure	dB (A)	38/37/34/31/26/23/22/19	45/42/40/37/34/29/26/23	45/42/40/37/34/29/26/23	48/44/41/40/38/36/33/27
Draining	l/h	0.8	1.4	1.8	2.4
Weight	kg	9.5	9.5	13.0	13.0

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



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

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



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

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

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

A+++



+54°C



-30°C



SUPREME

SERIES



A powerful pulse of a stylish interior

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

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

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

SUPREME

Series



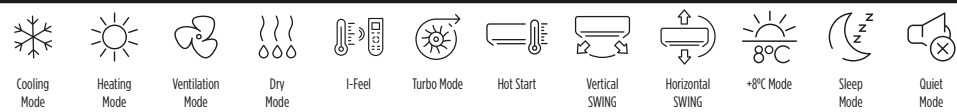
Accessories (optional)



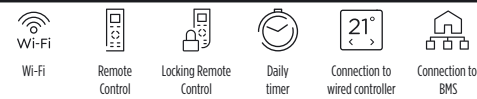
Healt Features



Comfort Features



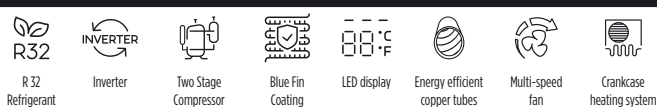
Control Features



Intelligent Features



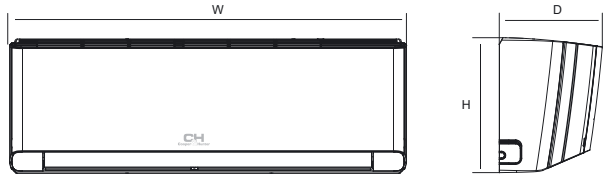
Technology Features



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

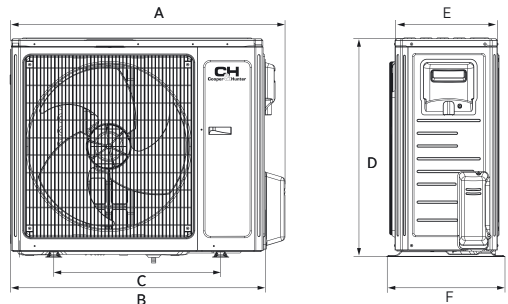
Indoor Unit		CH-S09FTXAM2S-***	CH-S12FTXAM2S-***	CH-S18FTXAM2S-***	CH-S24FTXAM2S-***
Air flow rate	m³/h	800/730/680/630/580/450/350/250	800/730/680/630/580/450/350/250	1200/1150/1050/950/850/780/600	1250/1100/950/850/800/750/650
Sound level pressure	dB (A)	44/43/38/36/31/24/22/18	44/43/38/36/31/24/22/20	46/44/42/39/36/34/32	50/46/43/41/39/37/35/27
Druing	l/h	0.8	1.4	1.8	2.0
Weight	kg	13	13.5	16.5	16.5

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



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

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



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

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

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

A+++

+50°C

-25°C



Gen
VI



SUPREME Continental

SERIES



The highest quality you deserve

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

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

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

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

SUPREME Continental Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Healt Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH-UV
technology



Double Self Clean
technology

Healt Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I ACTION
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

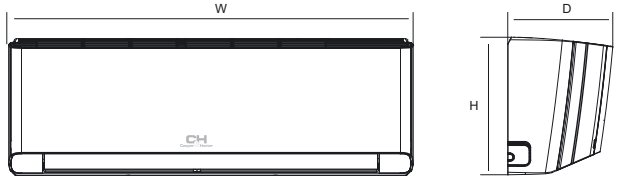


Crankcase
heating system

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

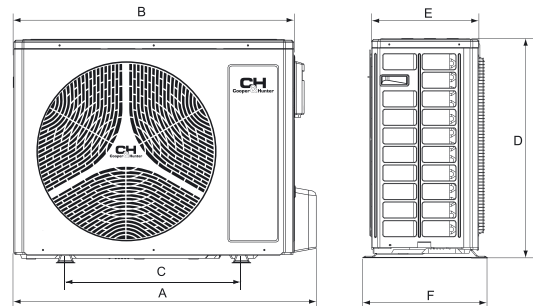
Indoor Unit		CH-S09FTXAL2-***	CH-S12FTXAL2-***	CH-S18FTXAL2-***	CH-S24FTXAL2-***
Air flow rate	m³/h	180/390/420/450/490/540/ 590/660	180/390/420/450/490/540/ 590/680	460/520/570/610/680/750/ 850	600/800/850/900/950/ 1000/1100/1250
Sound level pressure	dB (A)	18/22/26/30/34/36/38/41	19/23/29/32/35/37/39/43	30/32/35/37/39/41/45	27/33/36/38/40/41/44/48
Druing	l/h	0.8	1.4	1.8	2.4
Weight	kg	10.5	10.5	13	16

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



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

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



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

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

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

A+++

+50°C

-25°C

Gen VI



ARCTIC NG

SERIES



The soothing **power** of the classics

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

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

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

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

ARCTIC NG

Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Healt Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH Smart Ion
technology



Double Self Clean
technology

Healt Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I Action
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

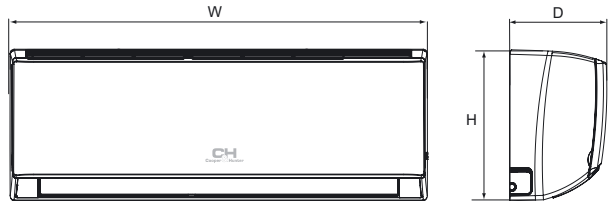


Crankcase
heating system

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

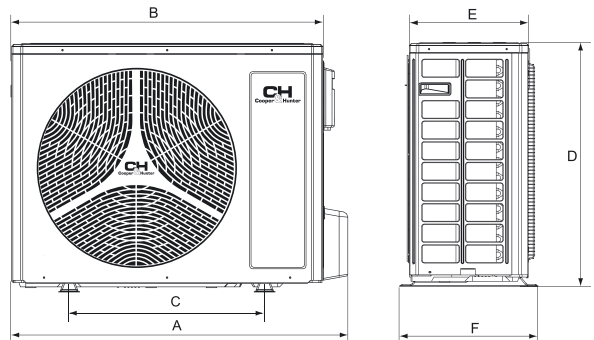
Indoor Unit		CH-S09FTXLA2-NG	CH-S12FTXLA2-NG	CH-S18FTXLA2-NG	CH-S24FTXLA2-NG
Air flow rate	m³/h	390/420/440/470/540/570/610	360/420/480/540/600/650/700	460/520/570/610/680/750/850	800/850/900/950/1000/1100/1250
Sound level pressure	dB (A)	20/22/24/26/28/32/37	21/23/24/26/29/33/38	24/27/31/33/38/41/45	27/29/35/37/39/42/47
Druing	l/h	1.69	1.40	1.9	2.4
Weight	kg	10.5	10.5	13	16.5

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



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

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



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

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

NEW

A+++

+50°C

-25°C

Gen
VI



ARCTIC PLUS

SERIES

The soothing **power of the classics**

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

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

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

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

ARCTIC NG

ARCTIC PLUS

Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Healt Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH Smart Ion
technology



Double Self Clean
technology

Healt Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



WiFi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I ACTION
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

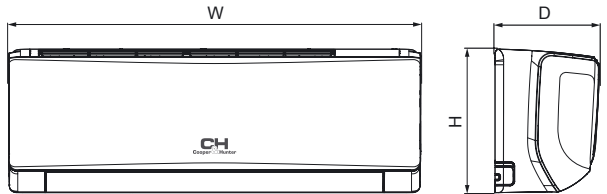


Crankcase
heating system

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

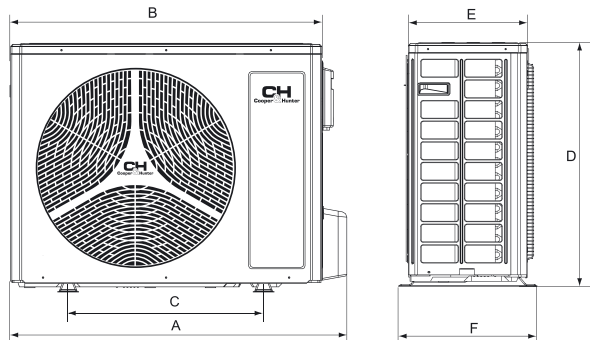
Indoor Unit		CH-S09FTXLA6	CH-S12FTXLA6	CH-S18FTXLA6	CH-S24FTXLA6
Air flow rate	m³/h	180/280/310/380/ 440/500/500/610	310/330/380/440/530/580/650	600/640/720/810/870/960/1000	800/850/900/950/1000/1100/1250
Sound level pressure	dB (A)	21/22/24/26/31/34/36/	25/28/31/34/37/39/43	28/30/35/41/43/45/47	35/37/38/40/41/44/48
Druing	l/h	0.8	1.40	1.8	2.4
Weight	kg	9.0	9.0	13.5	15.5

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



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

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



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

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

A++



+43°C



-15°C

Gen
VI



VITAL INVERTER

SERIES



More features in the basic segment

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

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

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

VITAL Inverter Series



Healt Features

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

Healt Features

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

Control Features

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

Intelligent Features

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

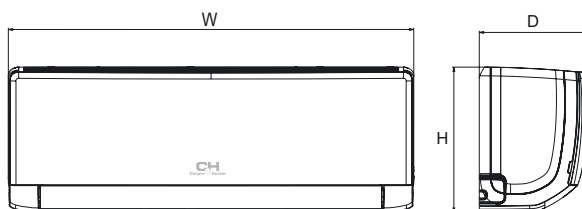
Technology Features

-  R 32 Refrigerant
-  Inverter
-  Blue Fin Coating
-  LED display
-  Energy efficient copper tubes
-  Multi-speed fan
-  Crankcase heating system

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

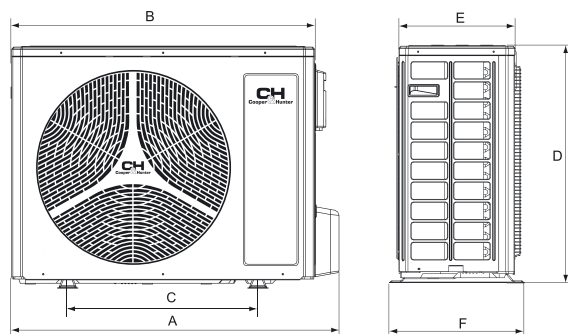
Indoor Unit		CH-S07FTXF2-NG	CH-S09FTXF2-NG	CH-S12FTXF2-NG	CH-S18FTXF2-NG	CH-S24FTXF2-NG
Air flow rate	m³/h	300/390/420/500	280/310/340/400/480/520/550	280/320/350/400/480/520/590	600/700/800/850	400/600/800/900
Sound level pressure	dB (A)	27/33/38/40	21/26/29/33/35/37/40	24/26/30/33/35/37/41	31/38/42/44	30/37/45/48
Druing	l/h	0.6	0.8	1.4	1.8	1.8
Weight	kg	8.2	8.5	8.0	13.5	13

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



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

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



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

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

NEW

A++

+43°C

-15°C

Gen VI



VITAL Plus

SERIES

More features in the basic segment

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

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

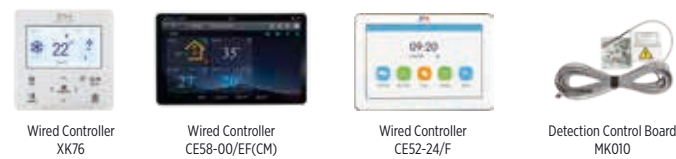
The ability to control **7 fan speeds**, **Warm start**, and **Quiet operation** are the most important of the many advantages of this device.

VITAL Plus

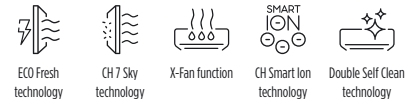
Series



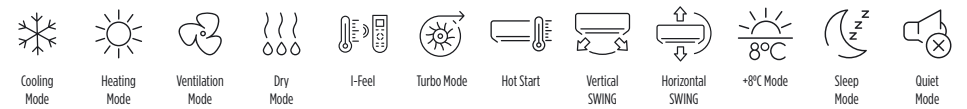
Accessories (optional)



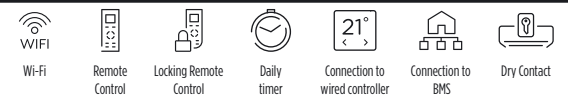
Healt Features



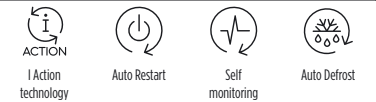
Healt Features



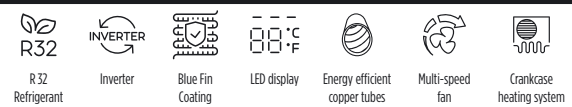
Control Features



Intelligent Features



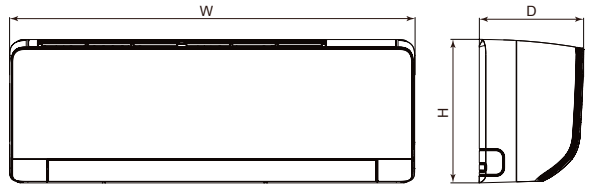
Technology Features



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

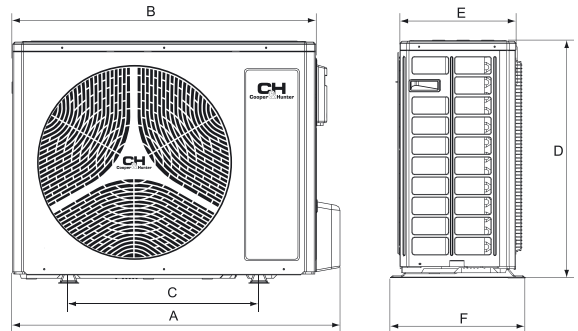
Indoor Unit		CH-S07FTXF6	CH-S09FTXF6	CH-S12FTXF6	CH-S18FTXF6	CH-S24FTXF6
Air flow rate	m ³ /h	250/290/310/420/450/470/500	250/270/320/390/430/470/500	280/320/350/400/480/520/590	600/640/720/810/870/960/1000	540/590/640/690/740/900/1050
Sound level pressure	dB (A)	22/25/29/33/34/36/39	21/25/28/32/34/36/38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

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



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

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



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

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

A++

+43°C

-15°C



VEYRON

SERIES



sustainable and reliable

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

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

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

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

VEYRON

Series



Accessories (optional)



Healt Features

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

Healt Features

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

Control Features

- Remote Control
- Locking Remote Control
- Daily timer

Intelligent Features

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

Technology Features

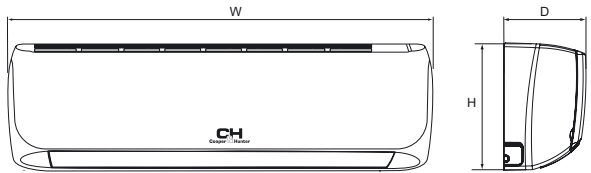
- R32 Refrigerant
- Inverter
- Blue Fin Coating
- LED display
- Energy efficient copper tubes
- Multi-speed fan

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

A

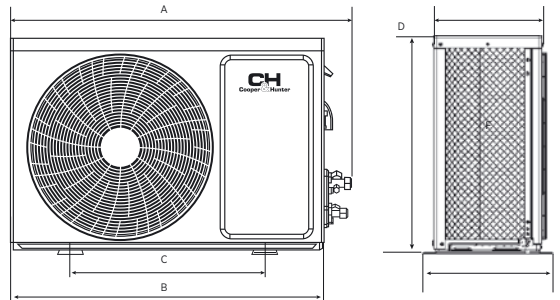
Indoor Unit		CH-S09FTXA	CH-S12FTXA	CH-S18FTXA	CH-S24FTXA
Air flow rate	m ³ /h	550	550	880	1100
Sound level pressure	dB (A)	39/37/34/32/29/24	39/37/34/32/30/24	44/42/40/37/36/31	45/42/40/38/35/32
Druing	l/h	0.9	1.2	2.0	2.2
Weight	kg	7.1	7.1	10	11.0

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



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

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



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

A+++  +43°C  -25°C Gen VI



CONSOLE Inverter

SERIES

The console

a solution for
demanding spaces

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

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

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

CONSOLE Inverter Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Healt Features



ECO Fresh
technology



X-Fan function



CH Smart Ion
technology

Healt Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I Action
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

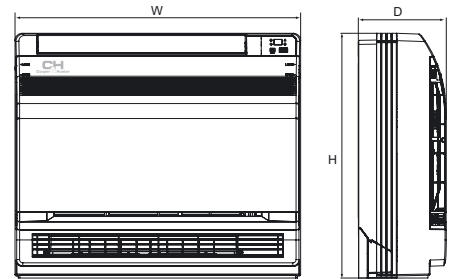


Crankcase
heating system

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

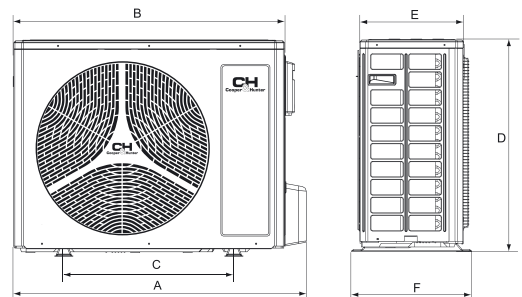
Indoor Unit		CH-S09FVX2-NG	CH-S12FVX2-NG	CH-S18FVX2-NG
Air flow rate	m ³ /h	250/280/330/370/410/430/500	280/360/400/440/480/520/600	320/410/460/520/580/650/700
Sound level pressure	dB (A)	22/25/28/30/32/36/38	24/29/33/36/38/40/44	32/37/40/42/45/47/49
Druing	l/h	0.8	1.2	1.8
Weight	kg	15.5	16	16

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



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

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



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

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

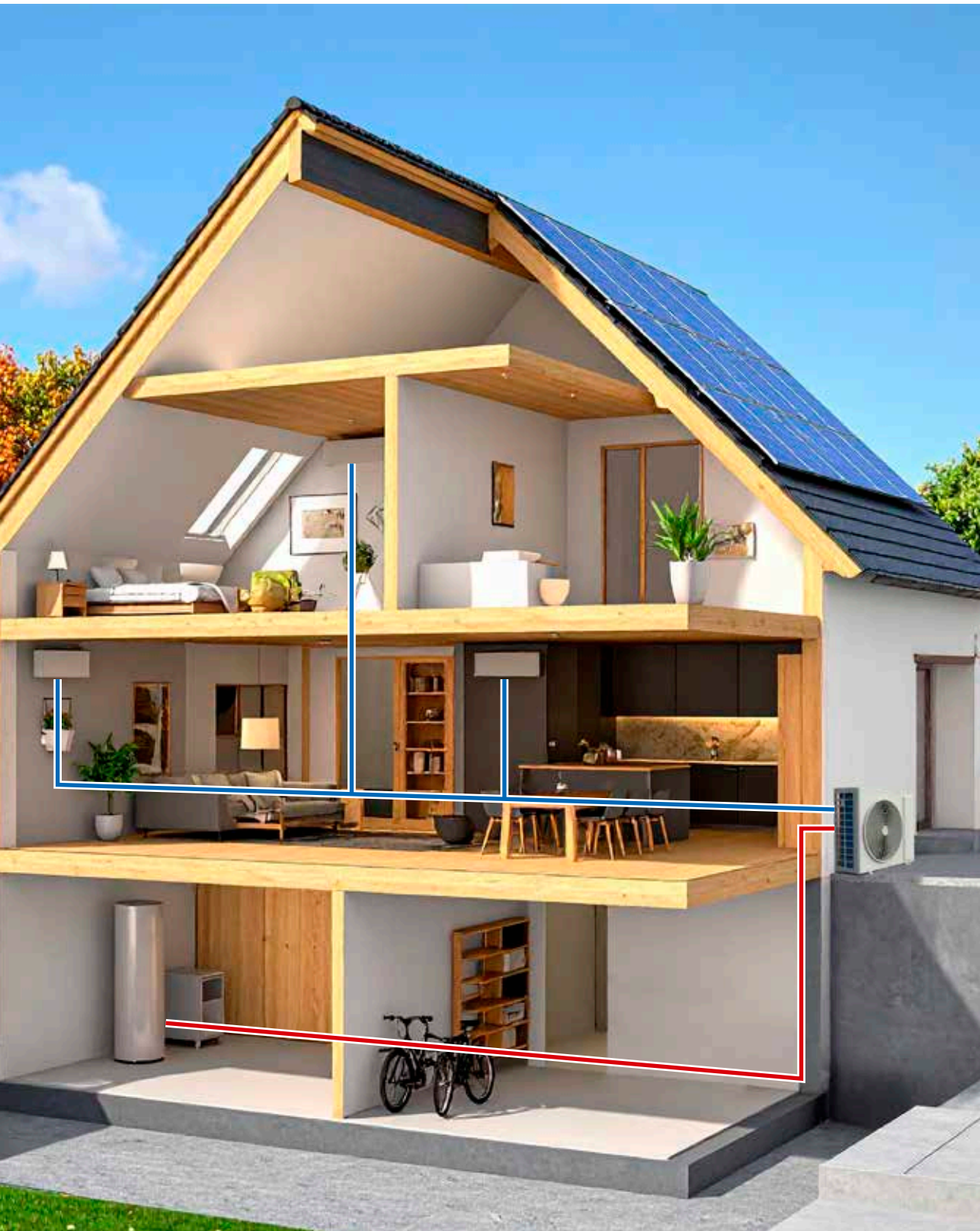
Evaluate **the wide range of possibilities**

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

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

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





NEW

NORDIC Multi Light Hydro SERIES

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

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



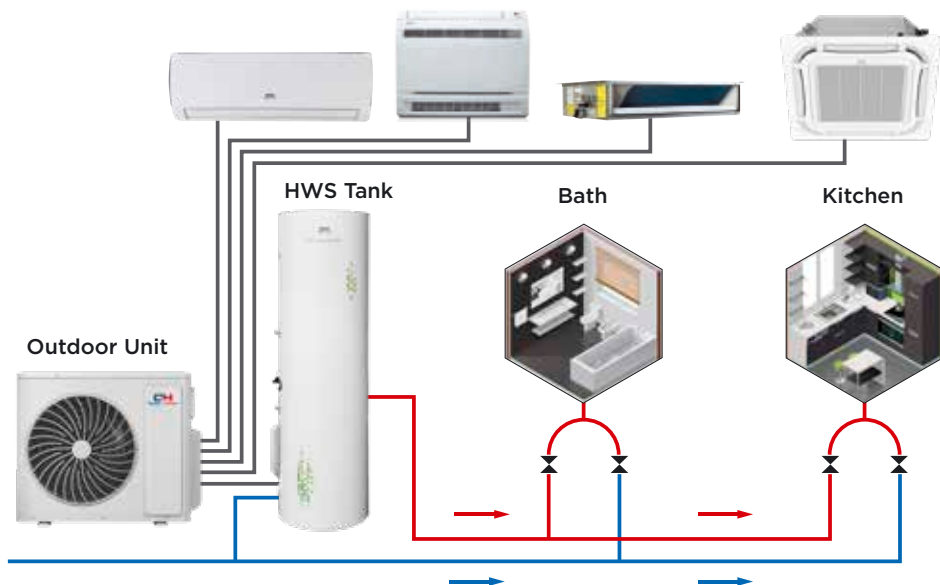
CHML-U36RK4-HW
CHML-U42RK5-HW

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

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

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

Various Types of Indoor Units



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

Intelligent Features


i ACTION technology


Auto Restart


Self monitoring


Intelligent Defrost

Technology Features


R32 Refrigerant


Multi Split


Inverter


Blue Fin Coating


Energy efficient copper tubes

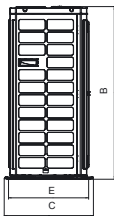
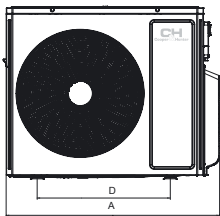

Multi-speed fan


Crankcase heating system


Water Heating System



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

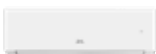


	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
CHML-U36RK4-HW	1020	826	427	635	396
CHML-U42RK5-HW	1020	826	427	635	396

List of compatible indoor units


CHML-U36RK4-HW
CHML-U42RK5-HW


WT200HW1.5ERK


NATURE Series


VITAL Plus Series


SUPREME Continental Series


DAYTONA Series


Duct Type


VERITAS Series


Console Type


VITAL Series


Cassette Type

OUTDOOR UNIT COMBINATIONS



CHML-U36RK4-HW | 29 combinations

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



CHML-U42RK5-HW | 72 combinations

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

NORDIC Multi Light

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

High Seasonal Cooling Efficiency Ratio SEER.

Flexible choice of indoor units.

Possibility to run long cooling systems up to 100 m.

Possibility to integrate selected indoor units with smart building systems.



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

Intelligent Features



ACTION
I Action
technology



Auto Restart



Self monitoring



Intelligent Defrost



R32
Refrigerant



Multi Split



Inverter



Blue Fin
Coating



Energy efficient
copper tubes



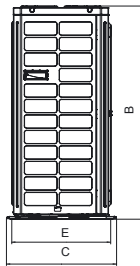
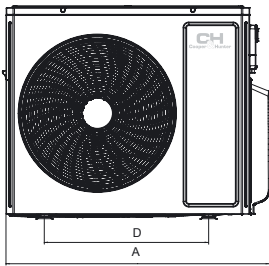
Multi-speed
fan



Crankcase heating
system



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



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

List of compatible indoor units



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



NATURE Series



SUPREME Continental Series



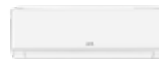
DAYTONA Series



VERITAS Series



VITAL Series



VITAL Plus Series



Duct Type



Console Type



Cassette Type

OUTDOOR UNIT COMBINATIONS



CHML-U14RK2-NG | 8 combinations

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



CHML-U18RK2-NG | 8 combinations

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



CHML-U21RK3-NG | 17 combinations

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



CHML-U24RK3-NG | 23 combinations

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



CHML-U28RK4-NG | 40 combinations

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

**CHML-U36RK4-NG** | 77 combinations

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

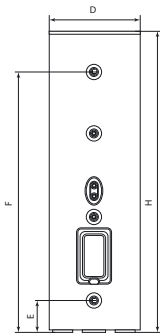
**CHML-U42RK5-NG** | 144 combinations

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

WATER TANK



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



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

System Features

- 
Cooling Mode
- 
Heating Mode
- 
Water Heating Mode
- 
Cooling&Water Heating Mode
- 
Heating&Water Heating Mode
- 
Turbo Mode
- 
Water sterilization
- 
Wi-Fi
- 
Daily timer
- 
Connection to wired controller
- 
R32 Refrigerant
- 
Inverter
- 
Intelligent Defrost
- 
Self monitoring

Water Tank Controller Modes



Wired Controller
XE71-45/GC1

- **STANDARD**
- **BOOST**
- **ECO**
- **EMERGENCY**

- In STANDARD mode, hot water heating is always carried out according to the set temperature.
- Activation of BOOST mode will be useful at the time of unexpected increase in demand for hot water - thanks to an additional heater, the unit will quickly heat water up to 80°C, which will translate into an increase in the amount of hot water available to users.
- If you change the operating mode to ECO mode, the water will be heated up to the average set temperature to maximally reduce the energy consumption of the unit.
- EMERGENCY mode protects access to hot water in case of a system failure by automatically turning on the heater.

NATURE Series



Accessories (optional)



Wired Controller
XK76



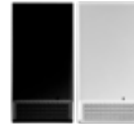
Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010



Fresh Air Kit
CH-HRV030S-*

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH-UV
technology



Double Self Clean
technology



Double Self-Clean
technology



FRESH AIR KIT
(option)



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Control Features

Comfort Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



Humidity
Control



Dry Clothes
Function



I-Feel



Turbo Mode



Hot Start



Vertical SWING



Horizontal
SWING



+8°C Mode



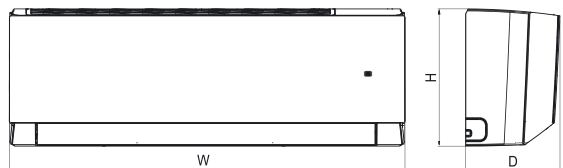
Sleep
Mode



Quiet
Mode

			CH-S09FTXAN-*(I)	CH-S12FTXAN-*(I)	CH-S18FTXAN-*(I)	CH-S24FTXAN-*(I)
Capacity	Cooling	kW	2.7	3.51	5.3	7.1
	Heating	kW	3.0	3.81	5.6	7.3
Power supply			~220-240 V/50 Hz/1 Ph			
Liquid pipe diameter	mm/inch		6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch		9.52/3/8"	9.52/3/8"	12.7/1/2"	15.88/5/8"
Air flow rate	m³/h		610/570/540/470/ 440/420/390/180	720/600/570/530/ 500/460/430/320	1000/880/760/650/ 620/600/550/260	1000/850/760/580/ 520/450/400/280
Sound level pressure	dB (A)		38/37/34/31/26/23/22/19	45/42/40/37/34/29/26/23	45/42/40/37/34/29/26/23	48/44/41/40/38/36/33/27
Drying	l/h		0.8	1.4	1.8	2.4
Weight	kg		9.5	9.5	13.0	13.0

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

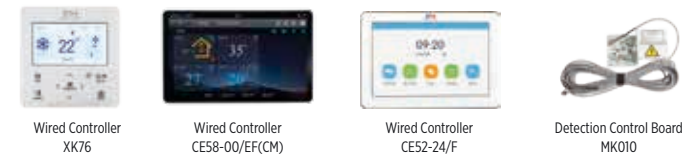


* Unit can be dispatched in two various colours: white (WP), black (BL)

SUPREME Continental Series



Accessories (optional)



Healt Features

ECO Fresh technology

CH 7 Sky technology

X-Fan function

CH-UV technology

Double Self Clean technology

Control Features

Wi-Fi

Remote Control

Locking Remote Control

Daily timer

Connection to wired controller

Connection to BMS

Dry Contact

Comfort Features

Cooling Mode

Heating Mode

Ventilation Mode

Dry Mode

I-Feel

Turbo Mode

Hot Start

Vertical SWING

Horizontal SWING

+8°C Mode

Sleep Mode

Quiet Mode

			CH-S09FTXAL2-*(I)	CH-S12FTXAL2-*(I)	CH-S18FTXAL2-*(I)	CH-S24FTXAL2-*(I)
Capacity	Cooling	kW	2.70 (0.45-3.50)	3.50 (0.70-4.00)	5.30 (1.26-6.60)	7.10 (2.00-8.32)
	Heating	kW	3.00 (0.45-4.20)	3.81 (0.80-4.50)	5.60 (1.12-6.80)	7.80 (2.00-9.20)
Power supply			-220-240 V/50 Hz/1 Ph			
Liquid pipe diameter		mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter		mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"	15.88/5/8"
Air flow rate		m³/h	390/420/450/490/540/590/660	390/420/450/490/540/590/680	306/520/580/610/750/800/850	750/850/900/950/1000/1100/1250
Sound level pressure		dB (A)	18/22/26/35/37/39/41	19/24/28/35/37/39/43	30/33/36/41/43/45/49	32/35/38/42/44/47/49
Drying		l/h	0.8	1.4	1.8	2.4
Weight		kg	10.5	10.5	13	16

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

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

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VITAL INVERTER Series



Health Features



ECO Fresh technology



CH 7 Sky technology



X-Fan function



CH Smart Ion technology



Double Self Clean technology



Wi-Fi



Remote Control



Locking Remote Control



Daily timer

Control Features

Comfort Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



I-Feel



Turbo Mode



Hot Start



Vertical SWING



+8°C Mode



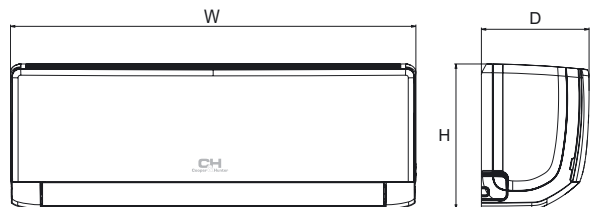
Sleep Mode



Quiet Mode

			CH-S07FTXF2-NG (I)	CH-S09FTXF2-NG (I)	CH-S12FTXF2-NG (I)	CH-S18FTXF2-NG (I)	CH-S24FTXF2-NG (I)
Capacity	Cooling	kW	2.35 (0.37-2.53)	2.70 (0.50-3.35)	3.20 (0.60-3.60)	4.60 (0.65-5.20)	6.20 (1.80-6.90)
	Heating	kW	2.50 (0.51-2.60)	2.80 (0.50-3.30)	3.40 (0.60-3.80)	5.20 (0.70-5.40)	6.50 (1.30-7.03)
Power supply			~220-240 V/50 Hz/1 Ph				
Liquid pipe diameter		mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter		mm/inch	9.52/3/8"	9.52/3/8"	9.52/3/8"	9.52/3/8"	12.7/1/2"
Air flow rate		m³/h	300/390/420/500	280/310/340/400/480/520/550	280/320/350/400/480/520/590	600/700/800/850	400/600/800/900
Sound level pressure		dB (A)	27/33/38/40	21/26/29/33/35/37/40	24/26/30/33/35/37/41	31/38/42/44	30/37/45/48
Drying		l/h	0.6	0.8	1.4	1.8	1.8
Weight		kg	8.2	8.5	8.0	13.5	13

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



VITAL PLUS Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH Smart Ion
technology



Double Self Clean
technology



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Comfort Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



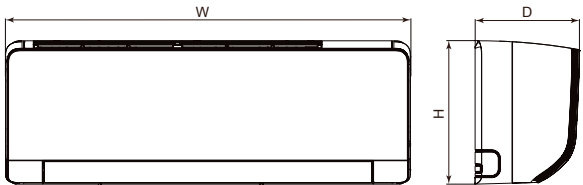
Sleep
Mode



Quiet
Mode

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

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



CONSOLE Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F

Health Features



ECO Fresh
Technology



X-Fan function



CH Smart Ion
Technology



Double Self Clean
Technology



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS

Comfort Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



+8°C Mode



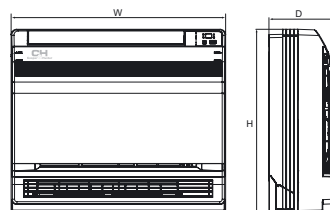
Sleep
Mode



Quiet
Mode

			CH-S09FVX2-NG (I)	CH-S12FVX2-NG (I)	CH-S18FVX2-NG (I)
Capacity	Cooling	kW	2.70 (0.70-3.40)	3.52 (0.80-4.40)	5.20 (1.26-6.60)
	Heating	kW	2.90 (0.60-3.50)	3.80 (1.10-4.40)	5.33 (1.12-6.68)
Power supply			-220-240 V/50 Hz/1 Ph		
Liquid pipe diameter		mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter		mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"
Air flow rate		m³/h	250/280/330/370/410/430/500	280/360/400/440/480/520/600	320/410/460/520/580/650/700
Sound level pressure		dB (A)	22/25/28/30/32/36/38	24/29/33/36/38/40/44	32/37/40/42/45/47/49
Drying		l/h	0.8	1.2	1.8
Weight		kg	15.5	16	16

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



CASSETTE Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Healt Features Control Features



ECO Fresh
technology



X-Fan function



CH Smart
Ion technology



Fresh Air Supply



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Comfort Features Technology



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



3D Air Flow



SWING



+8°C Mode



Sleep
Mode



Quiet
Mode



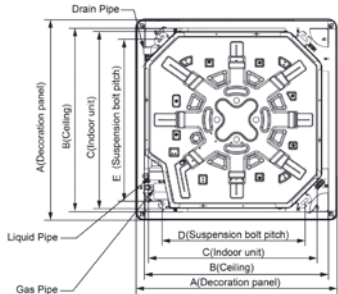
Build-In Drain
Pump



360 Degrees
Air Flow

			CHML-IC12RK2	CHML-IC18RK2	CHML-IC24RK2
Capacity	Cooling	kW	3.50	5.00	7.00
	Heating	kW	4.0	5.50	8.0
Power supply			-220-240 V/50 Hz/1Ph		
Liquid pipe diameter		mm/inch	6.35/1/4"	6.35/1/4"	9.52/3/8"
Gas pipe diameter		mm/inch	9.52/3/8"	12.7/1/2"	15.88/5/8"
Air flow rate		m³/h	560/540/490/450/420/380/350	650/540/490/450/420/380/350	1100/1050/950/910/870/830/800
Sound level pressure		dB (A)	57/55/52/50/48/46/44	59/55/52/50/48/46/44	32/61/60/59/58/57/55
Weight (unit/panel)		kg	17.0/2.5	17.0/2.5	29.0/5.5

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



DUCT Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



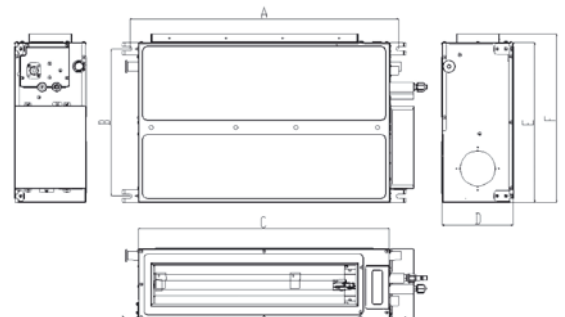
Detection Control Board
MK010

Health Features				Control Features				
ECO Fresh technology	Fresh Air Supply	Wi-Fi	Remote Control	Locking Remote Control	Daily timer	Connection to wired controller	Connection to BMS	Dry Contact

Comfort Features									Technology
Cooling Mode	Heating Mode	Ventilation Mode	Dry Mode	Turbo Mode	Hot Start	+8°C Mode	Sleep Mode	Quiet Mode	Build-In Drain Pump

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

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



SYMBOLS AND NOTATIONS

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

CH
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AIR-TO-WATER HEAT PUMP

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