

**NEW**

# NORDIC Multi Light Hydro SERIES

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

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



**CHML-U36RK4-HW**  
**CHML-U42RK5-HW**

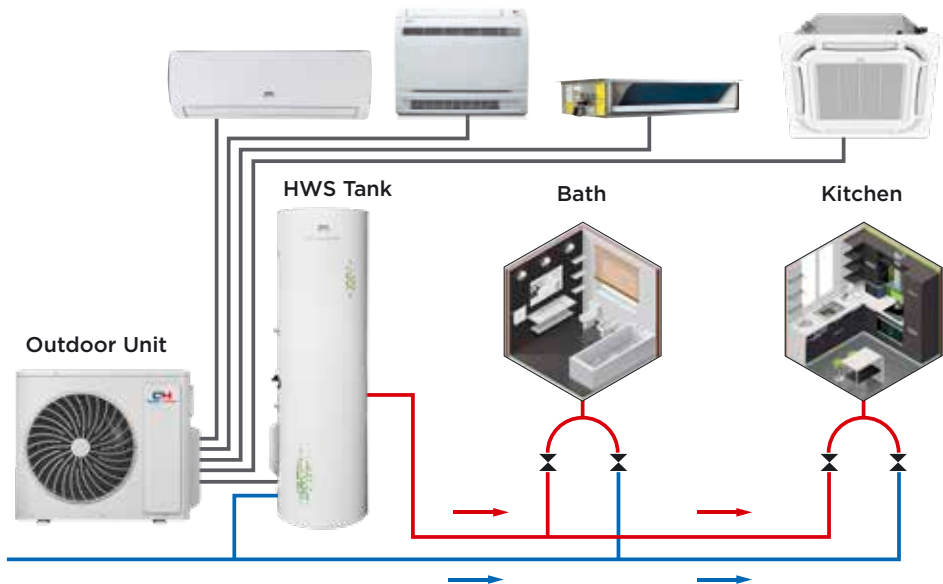
The energy efficiency of heating water at ambient temperature 20°C is higher than 4.5, and the power saving is more than 75% compared to the electric water heater.

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

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



Various Types of Indoor Units



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

## Intelligent Features



**ACTION**  
I Action technology



Auto Restart



Self monitoring



Intelligent Defrost



**R32**  
R32 Refrigerant



Multi Split



INVERTER  
Inverter



Blue Fin Coating



Energy efficient copper tubes



Multi-speed fan



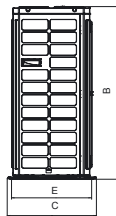
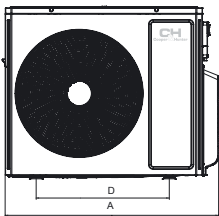
Crankcase heating system



Water Heating System



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



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

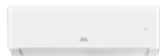
## List of compatible indoor units



CHML-U36RK4-HW  
CHML-U42RK5-HW



WT200HW1.5ERK



NATURE Series



SUPREME Continental Series



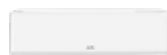
DAYTONA Series



VERITAS Series



VITAL Series



VITAL Plus Series



Duct Type



Console Type



Cassette Type

# OUTDOOR UNIT COMBINATIONS



**CHML-U36RK4-HW** | 29 combinations

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



**CHML-U42RK5-HW** | 72 combinations

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

# NORDIC Multi Light

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

High Seasonal Cooling Efficiency Ratio SEER.

Flexible choice of indoor units.

Possibility to run long cooling systems up to 100 m.

Possibility to integrate selected indoor units with smart building systems.

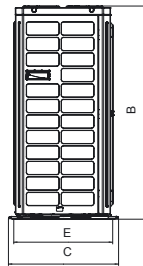
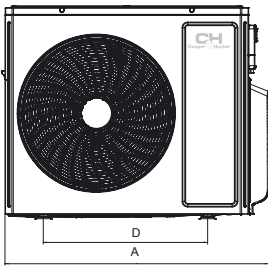


## Outdoor units with capacities from 14,000 to 42,000 BTU

### Intelligent Features | Technology Features



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



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

## List of compatible indoor units



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



# OUTDOOR UNIT COMBINATIONS



**CHML-U14RK2-NG** | 8 combinations

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



**CHML-U18RK2-NG** | 8 combinations

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



**CHML-U21RK3-NG** | 17 combinations

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



**CHML-U24RK3-NG** | 23 combinations

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



**CHML-U28RK4-NG** | 40 combinations

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



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

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



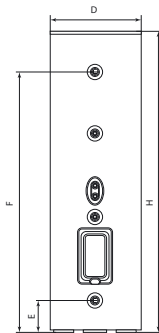
**CHML-U42RK5-NG** | 144 combinations

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

# WATER TANK



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



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

## System Features

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

## Water Tank Controller Modes



Wired Controller  
XE71-45/GC1

	<b>STANDARD</b>		<b>BOOST</b>		<b>ECO</b>		<b>EMERGENCY</b>
--	-----------------	--	--------------	--	------------	--	------------------

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



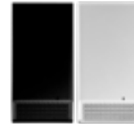
Wired Controller  
CE58-00/EF(CM)



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



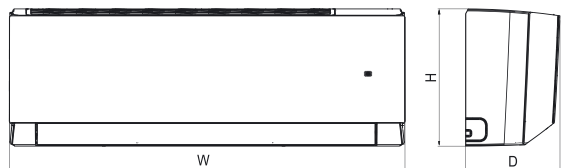
Sleep Mode



Quiet Mode

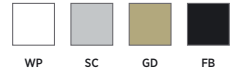
		CH-S09FTXAN-*(I)	CH-S12FTXAN-*(I)	CH-S18FTXAN-*(I)	CH-S24FTXAN-*(I)	
Capacity	Cooling	kW	2.7	3.51	5.3	7.1
	Heating	kW	3.0	3.81	5.6	7.3
Power supply		-220-240 V/50 Hz/1 Ph				
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	12.7/1/2"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

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



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

# SUPREME Continental Series



## Accessories (optional)



Wired Controller  
XK76



Wired Controller  
CE58-00/EF(CM)



Wired Controller  
CE52-24/F



Detection Control Board  
MK010

## Heat Features



ECO Fresh  
technology



CH 7 Sky  
technology



X-Fan function



CH-UV  
technology



Double Self Clean  
technology



Wi-Fi



Remote  
Control



Locking Remote  
Control



Daily  
timer



Connection to  
wired controller



Connection to  
BMS



Dry Contact

## Control Features

## Comfort Features



Cooling  
Mode



Heating  
Mode



Ventilation  
Mode



Dry  
Mode



I-Feel



Turbo  
Mode



Hot Start



Vertical SWING



Horizontal SWING



+8°C  
Mode



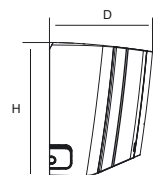
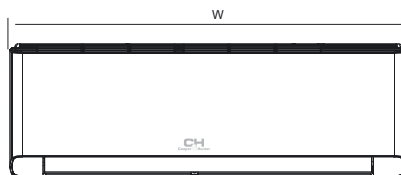
Sleep  
Mode



Quiet  
Mode

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

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



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

# DAYTONA Series



## Accessories (optional)



Wired Controller  
XK76



Wired Controller  
CE58-00/EF(CM)



Wired Controller  
CE52-24/F



Detection Control Board  
MK010

### Health Features



ECO Fresh technology



CH 7 Sky technology



X-Fan function



CH Smart Ion technology



Double Self Clean technology



Wi-Fi



Remote Control



Locking Remote Control



Daily timer



Connection to wired controller



Connection to BMS



Dry Contact

### Control Features

### Comfort Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



I-Feel



Turbo Mode



Hot Start



Vertical SWING



Horizontal SWING



+8°C Mode



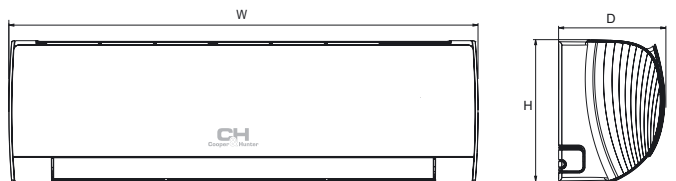
Sleep Mode



Quiet Mode

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

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



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

# VERITAS NG Series



## Accessories (optional)



Wired Controller  
XK76



Wired Controller  
CE58-00/EF(CM)



Wired Controller  
CE52-24/F



Detection Control Board  
MK010

## Health Features



ECO Fresh technology



CH 7 Sky technology



X-Fan function



CH Smart Iontech technology



Double Self Clean technology



Wi-Fi



Remote Control



Locking Remote Control



Daily timer



Connection to wired controller



Connection to BMS



Dry Contact

## Control Features

## Comfort Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



I-Feel



Turbo Mode



Hot Start



Vertical SWING



Horizontal SWING



+8°C Mode



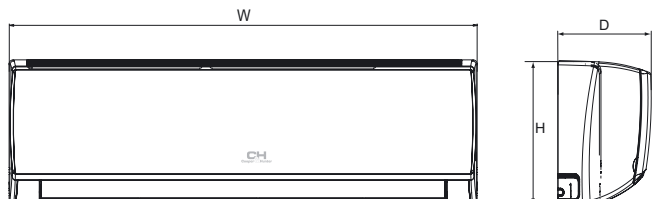
Sleep Mode



Quiet Mode

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

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



# VITAL INVERTER Series



## Heat Features Control Features

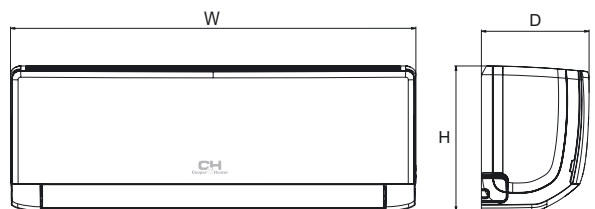
- |                      |                     |                |                         |                              |       |                |                        |             |
|----------------------|---------------------|----------------|-------------------------|------------------------------|-------|----------------|------------------------|-------------|
|                      |                     |                |                         |                              |       |                |                        |             |
| ECO Fresh technology | CH 7 Sky technology | X-Fan function | CH Smart Ion technology | Double Self Clean technology | Wi-Fi | Remote Control | Locking Remote Control | Daily timer |

## Comfort Features

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

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

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



# VITAL PLUS Series



## Accessories (optional)



Wired Controller  
XK76



Wired Controller  
CE58-00/EF(CM)



Wired Controller  
CE52-24/F



Detection Control Board  
MK010

### Health Features



ECO Fresh  
technology



CH 7 Sky  
technology



X-Fan function



CH Smart Ion  
technology



Double Self Clean  
technology



Wi-Fi



Remote  
Control



Locking Remote  
Control



Daily  
timer



Connection to  
wired controller



Connection to  
BMS



Dry Contact

### Control Features

### Comfort Features



Cooling  
Mode



Heating  
Mode



Ventilation  
Mode



Dry  
Mode



I-Feel



Turbo Mode



Hot Start



Vertical  
SWING



Horizontal  
SWING



+8°C Mode



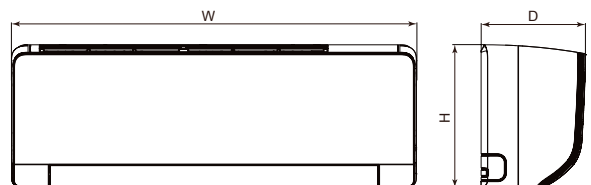
Sleep  
Mode



Quiet  
Mode

			CH-S07FTXF6 (I)	CH-S09FTXF6 (I)	CH-S12FTXF6 (I)	CH-S18FTXF6 (I)	CH-S24FTXF6 (I)
Capacity	Cooling	kW	2.2 (0.30-2.85)	2.50 (0.50-3.25)	3.20 (0.90-3.60)	4.60 (1.00-5.40)	6.20 (1.80-6.90)
	Heating	kW	2.40 (0.60-2.90)	2.80 (0.50-3.70)	3.40 (0.90-4.00)	5.20 (0.75-5.80)	6.50 (1.30-7.00)
Power supply			-220-240 V/50 Hz/1 Ph				
Liquid pipe diameter	mm/inch		6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch		9.52/3/8"	9.52/3/8"	9.52/3/8"	9.52/3/8"	12.7/1/2"
Air flow rate	m <sup>3</sup> /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

### Healt Features



ECO Fresh Technology



X-Fan function



CH Smart Ion Technology



Double Self Clean Technology



Wi-Fi



Remote Control



Locking Remote Control



Daily timer



Connection to wired controller



Connection to BMS

### Comfort Features



Cooling Mode



Heating Mode



Ventilation Mode



Dry Mode



I-Feel



Turbo Mode



Hot Start



Vertical SWING



+8°C Mode



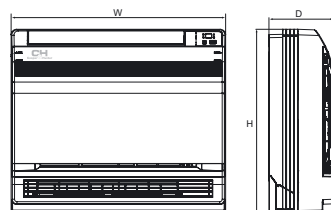
Sleep Mode



Quiet Mode

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

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



# CASSETTE Series



## Accessories (optional)



Wired Controller XK76



Wired Controller CE58-00/EF(CM)



Wired Controller CE52-24/F



Detection Control Board MK010

## Health Features | Control Features



ECO Fresh technology



X-Fan function



CH Smart 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



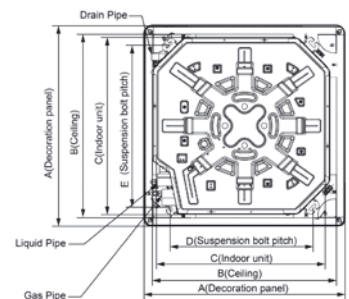
Build-In Drain Pump



360 Degrees Air Flow

		CHML-IC12RK2	CHML-IC18RK2	CHML-IC24RK2
Capacity	Cooling	kW	3.50	5.00
	Heating	kW	4.0	5.50
Power supply	-220-240 V/50 Hz/1 Ph			
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	9.52/3/8"
Gas pipe diameter	mm/inch	9.52/3/8"	12.7/1/2"	15.88/5/8"
Air flow rate	m <sup>3</sup> /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	m <sup>3</sup> /h	700/670/640/610/580/550/520	650/560/520/480/450/410/380	880/840/810/790/770/750/730	1500/1200/1200/1000/1000/900/900	
Sound level pressure	dB (A)	41/39/38/37/36/35/34	39/37/36/35/34/33/32	41/39/38/38/38/37/34	45/40/40/38/38/36/36	
Weight (unit/panel)	kg	18.5	19	25	31	

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

