

NEW

A+++

+50°C

-25°C

Gen VI



ARCTIC PLUS

SERIES

The soothing **power of the classics**

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

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

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

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

ARCTIC
NG

ARCTIC PLUS Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



SMART
ION
technology



Double Self Clean
technology

Health Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo Mode



Hot Start



Vertical
SWING



Horizontal
SWING



+8°C Mode



Sleep
Mode



Quiet
Mode

Control Features



WiFi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



I
ACTION
technology



Auto Restart



Self
monitoring



Auto Defrost

Technology Features



R 32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

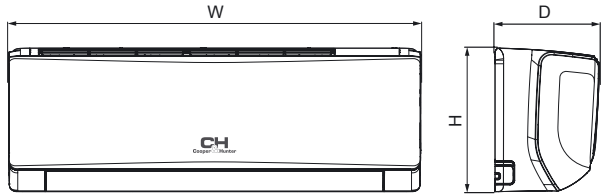


Crankcase
heating system

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

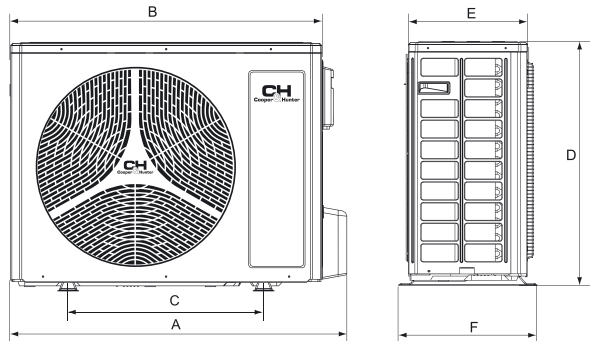
Indoor Unit		CH-S09FTXLA6	CH-S12FTXLA6	CH-S18FTXLA6	CH-S24FTXLA6
Air flow rate	m ³ /h	180/280/310/380/440/500/500/610	310/330/380/440/530/580/650	600/640/720/810/870/960/1000	800/850/900/950/1000/1100/1250
Sound level pressure	dB (A)	21/22/24/26/31/34/36/	25/28/31/34/37/39/43	28/30/35/41/43/45/47	35/37/38/40/41/44/48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

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



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

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



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