

ARCTIC INVERTER NG

CE

RoHS

EAC

SERIES

INVERTER

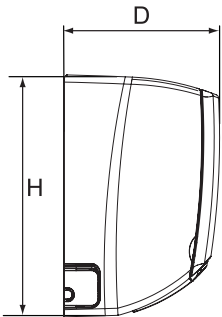
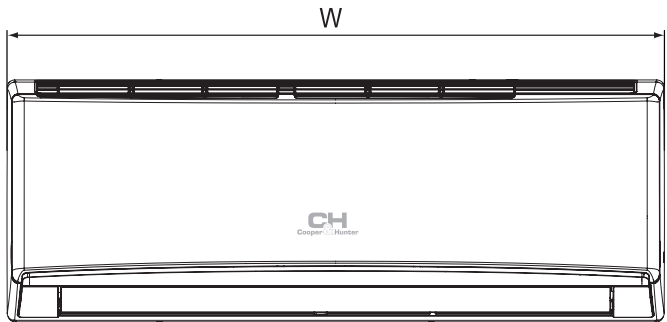


- ▶ Household heat pump. It is customized to generate heat in northern countries;
 - ▶ The technology "I-Action": stable and smooth compressor operation at extra low frequencies (1 Hz);
 - ▶ Built-in Wi-Fi module for long-distance Wi-Fi control via Android/iOS application;
 - ▶ Air flow directing by a remote control to the left and to the right;
 - ▶ "CH 7-SKY Technology": complex filtration system based on seven filters of wide effect spectrum;
- ▶ Top-grade energy saving specification "GENERATION V" (strict assembling/ material quality control);
 - ▶ Smart defrosting, heating of the compressor and sump, outdoor unit fan speed regulator;
 - ▶ Your house protection against freezing: the "+8°C function". The air conditioner will maintain +8°C temperature preventing room freezing and consuming low energy.



Model			CH-S09FTXLA-NG	CH-S12FTXLA-NG	CH-S18FTXLA-NG	CH-S24FTXLA-NG
Capacity	Cooling	kW	2,70 (0,45-3,50)	3,50 (0,70-4,00)	5,20 (1,26-6,60)	7,00 (2,00-8,32)
	Heating	kW	2,80 (0,45- 4,20)	3,67 (0,80-4,50)	5,30 (1,12-6,80)	7,40 (2,00-9,20)
Consumed power	Cooling	kW	0,61 (0,09-1,40)	0,80 (0,09-1,45)	1,18 (0,38-2,45)	1,62 (0,40-3,10)
	Heating	kW	0,61 (0,16-1,50)	0,79 (0,18-1,50)	1,14 (0,35-2,60)	1,63 (0,45-3,75)

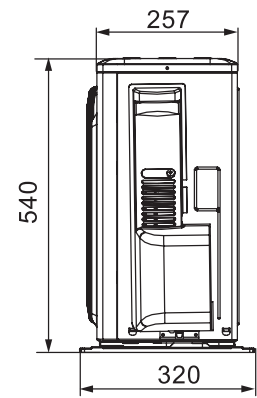
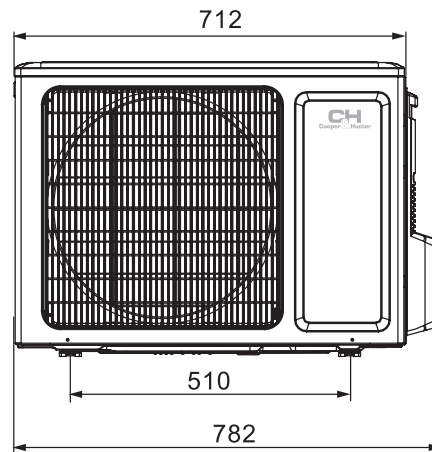
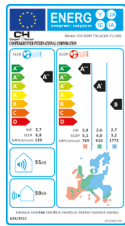
INDOOR UNIT



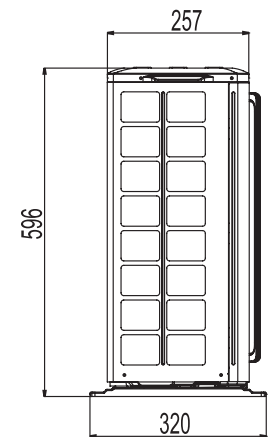
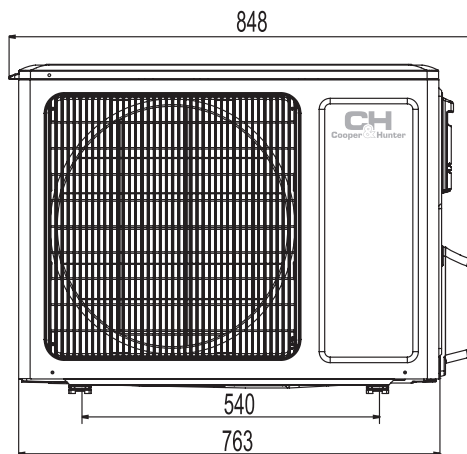
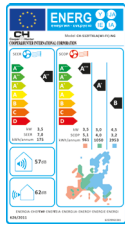
Model	W (mm)	H (mm)	D (mm)
CH-S09FTXLA-NG	790	275	200
CH-S12FTXLA-NG	845	289	209
CH-S18FTXLA-NG	970	300	224
CH-S24FTXLA-NG	1078	325	246

OUTDOOR UNIT

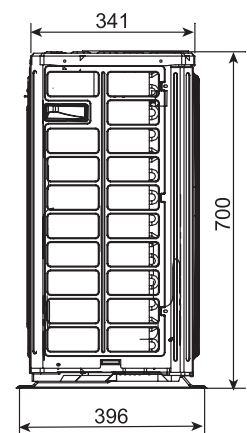
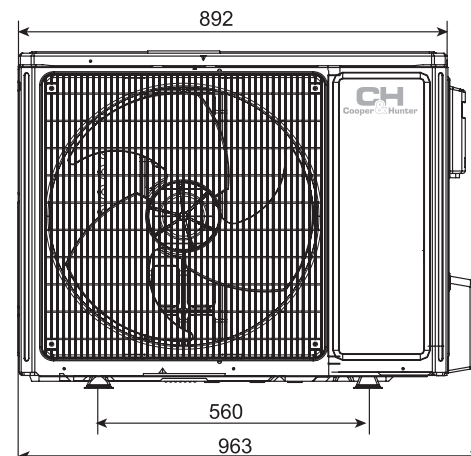
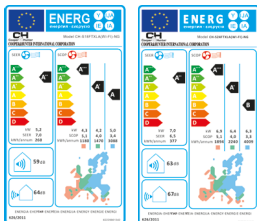
CH-S09FTXLA-NG



CH-S12FTXLA-NG



CH-S18FTXLA-NG
CH-S24FTXLA-NG



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	Heating	kW	2,80 (0,45-4,20)	3,67 (0,80-4,50)	5,30 (1,12-6,80)	7,40 (2,00-9,20)
Power supply			~220-240 V/50 Hz			
Consumed power	Cooling	kW	0,61 (0,09-1,40)	0,80 (0,09-1,45)	1,18 (0,38-2,45)	1,62 (0,40-3,10)
	Heating	kW	0,61 (0,16-1,50)	0,79 (0,18-1,50)	1,14 (0,35-2,60)	1,63 (0,45-3,75)
Energy performance	SEER (Cooling)	kW/kW	6,8 (A++)	7,0 (A++)	7,0 (A++)	6,5 (A++)
	SCOP (Heating)	kW/kW	4,0 (A+)	4,0 (A+)	4,0 (A+)	4,0 (A+)
Air flow		m³/h	290/330/380/430/460/490/560	390/420/450/490/560/620/680	470/520/570/610/720/800	800/850/900/950/1050/1150/1250
Sound pressure level	Indoor unit	dB (A)	22/24/26/28/32/35/37	22/24/26/29/32/35/38	27/31/34/35/38/41/45	29/34/36/37/39/42/45
	Outdoor unit	dB (A)	50	52	57	57
Refrigerant type			R32			
Weight	Indoor unit	kg	9	10,5	13,5	16,5
	Outdoor unit	kg	27,5	31	45	53,5
Compressor type			Rotor			
Drying		l/h	0,80	1,40	1,8	2,4
Cooling operation ambient temperature		°C	-15 ... +48			
Heating operation ambient temperature		°C	-25 ... +24			
Gas charge volume		kg	0,55	0,70	1,00	1,70
Liquid line diameter		mm/inch	6,38/1/4"	6,38/1/4"	6,38/1/4"	6,38/1/4"
Gas line diameter		mm/inch	9,53/3/8"	9,53/3/8"	12,7/1/2"	15,88/5/8"
Maximal difference in level		m	10	10	10	10
Maximal pipe length		m	15	20	25	20
Distance between the bolts of the outdoor unit fastening		mm	510	540	560	560

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