



ICY III SERIES



INVERTER



Two stage compressor

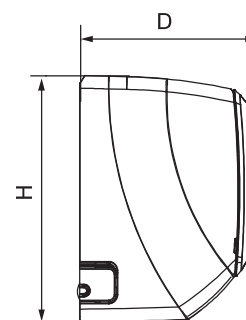
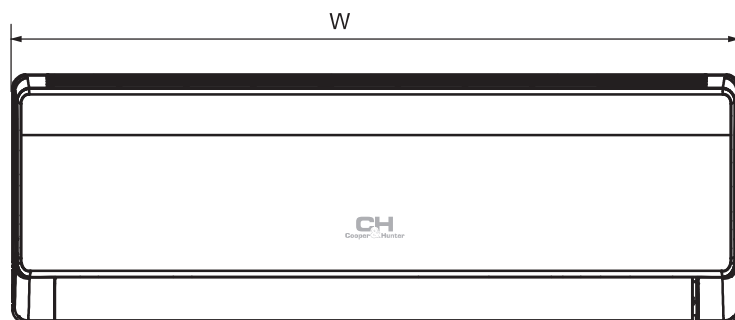


- ▶ Household heat pump. It is customized to generate heat in northern countries;
- ▶ Two-stage compressor for efficient operations at low and high ambient temperature.
- ▶ Your house protection against freezing: the "+8°C function". The air conditioner will maintain +8°C temperature preventing room freezing and consuming low energy;
- ▶ Air flow direction is to the right/ left by a remote control;
- ▶ Built-in Wi-Fi module for long-distance Wi-Fi control via Android/iOS application;
- ▶ Noiseless operation of the indoor unit: 20 dB(A);
- ▶ High class of energy efficiency SEER A+++ SCOP A+++.



Model		CH-S09FTXTB2S-NG	CH-S12FTXTB2S-NG	CH-S18FTXTB2S-NG	CH-S24FTXTB2S-NG
Capacity	kW Cooling	2.70 (0.76-4.81)	3.53 (0.74-4.73)	5.30 (1.00-6.30)	7.03 (2.00-8.60)
	kW Heating	3.50 (0.82-5.50)	4.20 (0.83-6.33)	6.20 (1.00-7.14)	7.03 (1.90-9.00)
Consumed power	kW Cooling	0.55 (0.12-1.80)	0.84 (0.22-1.90)	1.18 (0.40-2.70)	1.85 (0.40-3.70)
	kW Heating	0.75 (0.12-2.40)	0.95 (0.39-2.60)	1.45 (0.40-3.20)	1.75 (0.45-3.80)

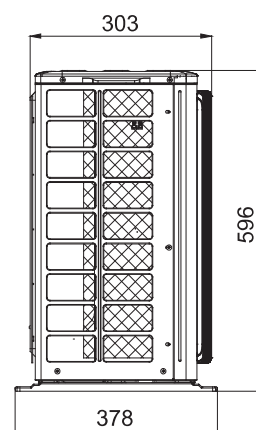
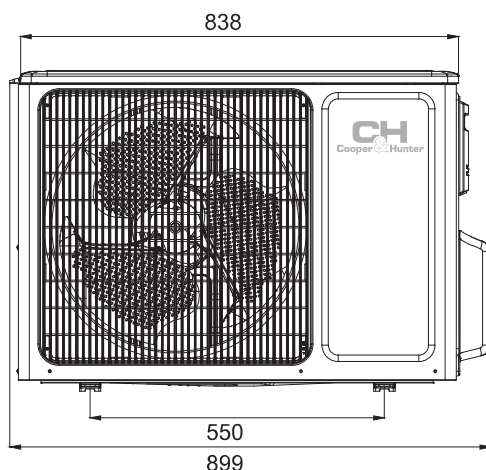
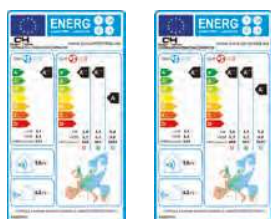
INDOOR UNIT



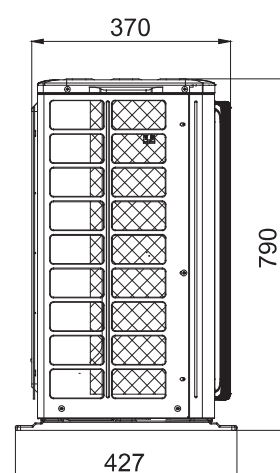
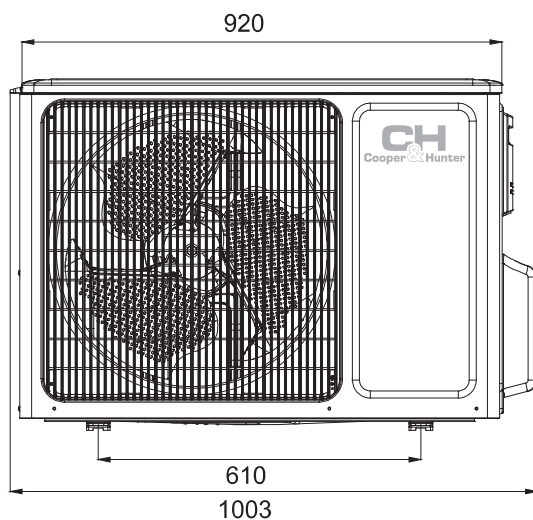
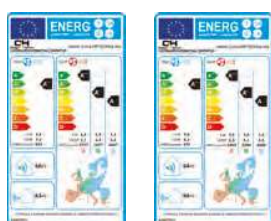
Model	W (mm)	H (mm)	D (mm)
CH-S09FTXTB2S-NG	996	301	225
CH-S12FTXTB2S-NG	996	301	225
CH-S18FTXTB2S-NG	1101	327	249
CH-S24FTXTB2S-NG	1101	327	249

OUTDOOR UNIT

CH-S09FTXB2S-NG
CH-S12FTXB2S-NG



CH-S18FTXB2S-NG
CH-S24FTXB2S-NG



Model		CH-S09FTXB2S-NG	CH-S12FTXB2S-NG	CH-S18FTXB2S-NG	CH-S24FTXB2S-NG
Capacity	Cooling	kW 2.70 (0.76-4.81)	3.53 (0.74-4.73)	5.30 (1.00-6.30)	7.03 (2.00-8.60)
	Heating	kW 3.50 (0.82-5.50)	4.20 (0.83-6.33)	6.20 (1.00-7.14)	7.03 (1.90-9.00)
Power supply		-220-240 V/50 Hz/1 Ph			
Consumed power	Cooling	kW 0.55 (0.12-1.80)	0.84 (0.22-1.90)	1.18 (0.40-2.70)	1.85 (0.40-3.70)
	Heating	kW 0.75 (0.12-2.40)	0.95 (0.39-2.60)	1.45 (0.40-3.20)	1.75 (0.45-3.80)
SEER*/SCOP** (Energy performance class)		8.5 (A+++)/5.1 (A+++)	8.5 (A+++)/5.1 (A+++)	7.5 (A+)/4.4 (A+)	6.5 (A+)/4.1 (A+)
Air flow		m ³ /h 450/500/560/620/570/720/ 800	430/530/580/630/680/730/800	500/600/780/850/950/1050/1150/1200	550/750/800/850/900/950/1050/1200
Level of soundpressure	Indoor unit	dB (A) 20/24/28/32/34/36/43		26/33/35/37/40/43/44	
	Outdoor unit	dB (A) 53		56	
Refrigerant type		R32			
Weight	Indoor unit/	kg 13/44.5		16.5/61	
	Outdoor unit	kg 13.5/45.5		16.5/65	
Compressor type		rotary			
Drying		l/h 0.8		1.8	
Cooling operation ambient temperature		°C -18/+52			
Heating operation ambient temperature		°C -30/+24			
Gas charge volume		kg 1.00		1.50	
Liquid line diameter		mm/ inch 6.38/1/4"		6.38/1/4"	
Gas line diameter		mm/ inch 9.53/3/8"		15.88/5/8"	
Maximal difference in level		m 10		20	
Maximal pipe length		m 15		50	

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