

INVERTER CONSOLE

SERIES

CE

RoHS

EAC

INVERTER



- ▶ Household heat pump;

▶ Operation range from -15°C to +43°C to generate cold and from -25°C to +24°C to generate heat;

▶ The technology "I–Action": smooth and stable compressor operation at extra low frequencies (1 Hz);

▶ Noise Analysis Technology – almost noiseless operation of indoor and outdoor units;

▶ The technology Dual stream: distribution of air
- flow outgoing from upper and lower louvres;

▶ Built-in Wi-Fi module for long-distance Wi-Fi control via Android/iOS application;

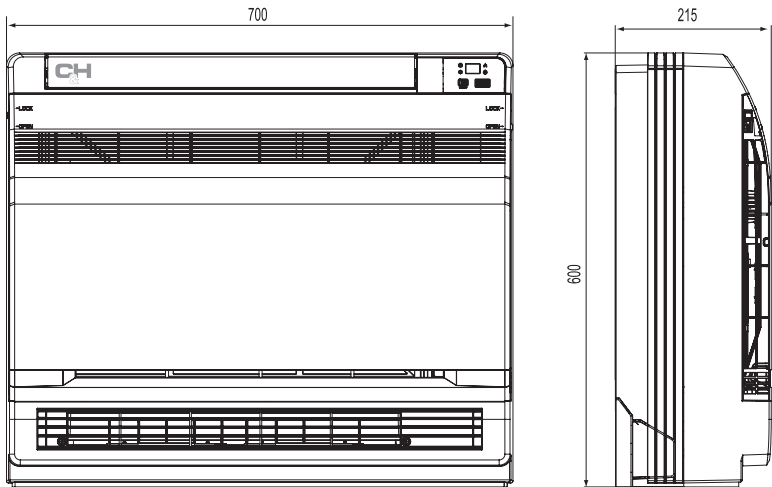
▶ A special operation algorithm providing stable and effective operation at negative outdoor temperatures;

▶ Your house protection against freezing: the "+8°C function". The air conditioner will maintain +8°C temperature preventing room freezing and consuming low energy.



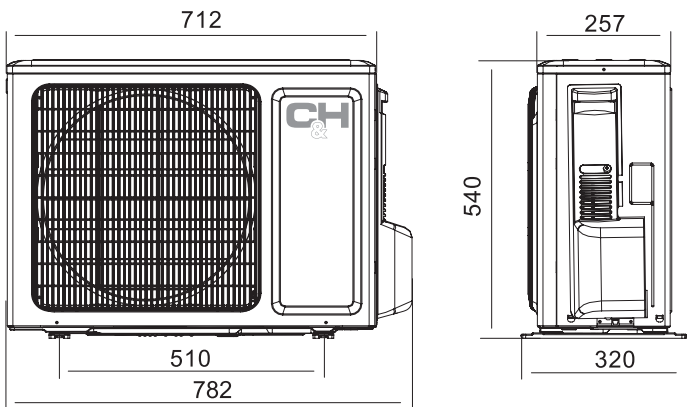
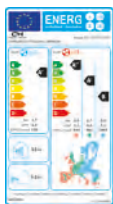
Model			CH-S09FVX (Wi-Fi)	CH-S12FVX (Wi-Fi)	CH-S18FVX (Wi-Fi)
Capacity	Cooling	kW	2,70 (0.45-3.20)	3,50 (0.60-3.95)	5,20 (0.90-5.60)
	Heating	kW	2,80 (0.45-3.75)	3,75 (0.60-4.70)	5,33 (0.90-6.60)
Consumed power	Cooling	kW	0,66 (0.20-1.55)	0,98 (0.22-1.40)	1,42 (0.35-2.50)
	Heating	kW	0,81 (0.20-1.35)	1,00 (0.22-1.58)	1,53 (0.35-2.50)

INDOOR UNIT

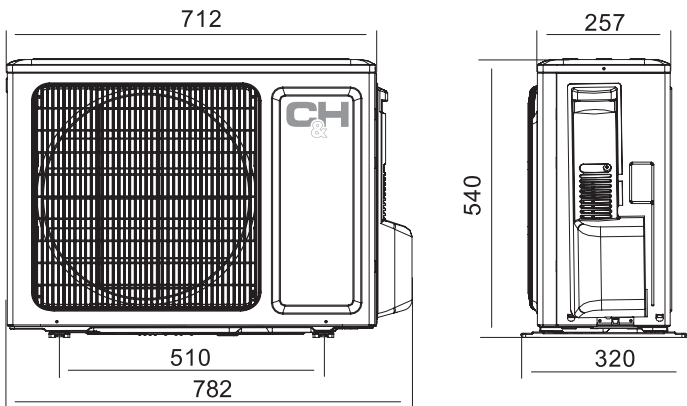
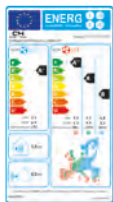


OUTDOOR UNIT

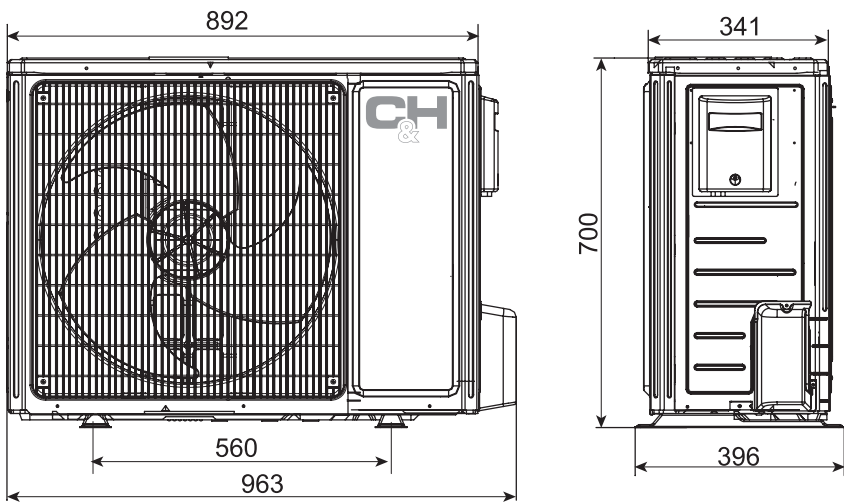
CH-S09FVX (Wi-Fi)



CH-S12FVX (Wi-Fi)



CH-S18FVX (Wi-Fi)



Model			CH-S09FVX (Wi-Fi)	CH-S12FVX (Wi-Fi)	CH-S18FVX (Wi-Fi)
Capacity	Cooling	kW	2.70 (0.45-3.20)	3.50 (0.60-3.95)	5.20 (0.90-5.60)
	Heating	kW	2.80(0.45-3.75)	3.75 (0.60-4.70)	5.33 (0.90-6.60)
Power supply			~220-240V/50Hz		
Consumed power	Cooling	kW	0.66 (0.20-1.30)	0.98 (0.22-1.35)	1.42 (0.38-2.45)
	Heating	kW	0.81 (0.20-1.40)	1.00 (0.19-1.60)	1.53 (0.35-2.50)
SEER*/SCOP** (Energy performance class)		kW / kW	6.5 (A++) /4.0 (A+)	6.4 (A++) /4.0 (A+)	6.5 (A++) /4.1 (A+)
Air flow		m³/h	500/430/410/370/330/280/250	600/520/480/440/400/360/280	700/650/580/520/460/410/320
Sound pressure level	Indoor unit	dB (A)	22/28/36	24/32/38	28/34/40
	Outdoor unit	dB (A)	50	50	53
Refrigerant type			R410A		
Weight	Indoor unit	kg	15.5	15.5	15.5
	Outdoor unit	kg	31	31.5	46
Compressor type			rotor		
Drying		l/h	0.80	1.20	1.80
Cooling operation ambient temperature			-15 ... +43		
Heating operation ambient temperature			-25 ... +24		
Gas charge volume		kg	0.90	0.95	1.30
Liquid line diameter		mm/inch	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"
Maximal difference in level		m	10	10	10
Maximal pipe length		m	15	20	25
Distance between the bolts of the outdoor unit fastening		mm	510	510	560

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