

MAJESTY

**SMARTER
COST-EFFECTIVE
FLEXIBLE**



CH AI Technology



CH AI technology takes into account temperature, weather conditions, room area, heat load and others factors for the analysis, which subsequently adapts the parameters of the air conditioner for different system modes, increasing the level of energy saving and comfort.

Using CH AI technology, the air conditioner adapts to the environment and better understands user needs. An example of technology implementation is the smooth distribution of coolness or heat in every corner of the room.



AI-humidity control

Sole C&H technology takes temperature, humidity and energy efficiency into account, as result, creates an optimal indoor climate for health, without neglecting the parameters of energy saving Air conditioner chooses the most accurate level of humidity, providing the user optimal comfort with the highest energy saving indicators.

Best humidity range gives to users both comfort and economy energy.

Mode types	Humidity adjustment
Cooling	40%~80%
Heating	30%~70%

Continuous dehumidification function that meet daily needs of clothes drying.

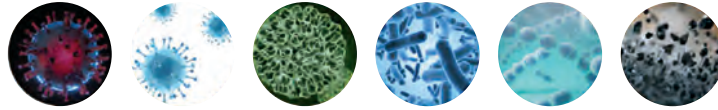




Multi-level protection for your health

Studies have proven that ultraviolet light effectively neutralizes bacteria, viruses, mold, single cells and other microorganisms, destroying their genetic material, creating a healthy and clean indoor climate.

The CH UV filter sterilizes the air, destroying up to 93.91% of bacteria. The CH SMART Ion filter cleans and harmonizes the indoor air.



Coronavirus

Flu virus

Rotavirus

Bacillus

Coccus

Molds

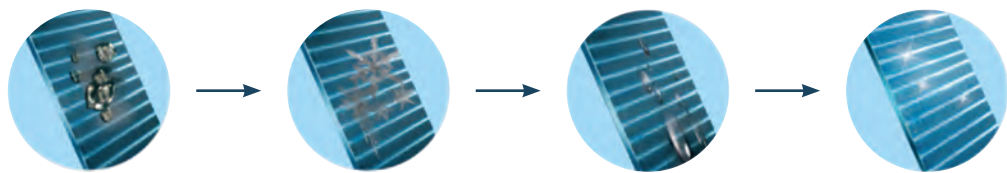
are destroyed on
93,91%



4 STEPS to healthy air

The innovative Double Self-Clean technology uses the method of rapid cooling followed by rapid heating (up to +58 °C) of the IDU heat exchanger area.

That provides efficient sterilization IDU heat exchanger, destroys bacteria and prevents the formation of unpleasant odors.



Condensation

Icing

Defrost

Drying



Silent mode

Silent mode decreases the IDU noise level up to 19 dB(A), so it can be compared to the sounds of quiet summer night. There is nothing will disturb your sleep.

As well as IDU, silent mode decreases ODU noise level of up to 40 dB(A). That avoids any disturb of your and your neighbors.



Auto light

Night lights off function.



Series MAJESTY



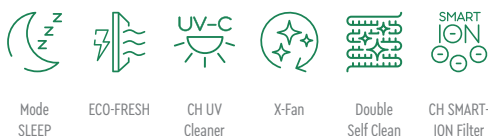
SC

GD

CE RoHS **INVERTER**

FUNCTION

HEALTH



Mode SLEEP

ECO-FRESH

CH UV Cleaner

X-Fan

Double Self Clean

CH SMART-ION Filter

COMFORT MANAGEMENT



Remote control lock

Timer

LED display

Mode Turbo

Multi-speed fan

Mode SWING

Humidity control function

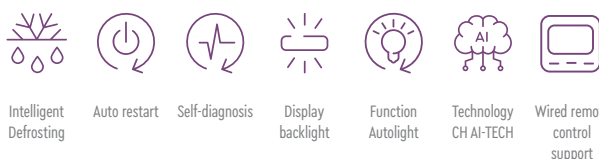
Drying mode

Clothes drying mode

Wi-Fi

I FEEL

INTELLIGENT CONTROL



Intelligent Defrosting

Auto restart

Self-diagnosis

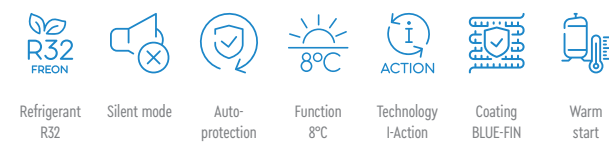
Display backlight

Function Autolight

Technology CH AI-TECH

Wired remote control support

TECHNOLOGY



Refrigerant R32

Silent mode

Auto-protection

Function 8°C

Technology I-Action

Coating BLUE-FIN

Warm start

ENERGY EFFICIENCY



Energy efficiency class

Gen VI

TECHNICAL PARAMETERS

Model		CH-S09FTXAM-SC/GD	CH-S12FTXAM- SC/GD	CH-S18FTXAM- SC/GD	CH-S24FTXAM- SC/GD	
Capacity	Cooling	kW	2,7	3,51	5,3	7,1
	Heating	kW	3	3,81	5,35	7,3
Electric power supply	Cooling	kW	0.68	0,989	1,582	2,03
	Heating	kW	0.67	0,977	1,393	1,87
Energy performance	Cooling (SEER)	kW/kW	8.5/A+++	7.2/A++	7.3/A++	7.0/A++
	Heating (SCOP)	kW/kW	5.7/A+++	5.2/A+++	5.7/A+++	5.5/A+++
IDU						
Air productive capacity	m ³ /h	610/570/540/470/440/420/390/180	680/620/560/490/450/420/390/220	1000/850/760/650/580/520/450	1000/850/760/580/520/450/40/280	
Sound-pressure level	dB (A)	38/37/34/31/26/23/22/19	41/38/36/33/30/27/25/19	45/42/40/37/34/29/26/23	48/44/41/40/38/36/33/27	
Dehumidification	l/h	0,8	1,4	1,9	2,4	
Dimensions (W/D/H)	mm	837×293×200	837×293×200	993×311×222	993×311×222	
Weight	kg	9.5	9.5	12.5	13.0	
ODU						
Sound-pressure level	dB (A)	51	52	55	56	
Electric power supply		~ 220-240V/50 Hz/1 ph				
Compressor type		Rotary				
Refrigerant		R32				
Operational temperature range cooling	°C	-15~50				
Operational temperature range heating	°C	-25~30				
Dimensions (W/D/H)	mm	732×555×330	732×555×330	802×555×350	958×660×402	
Weight	kg	25,0	28,0	31,5	45,0	
Distance between the bolts of the outdoor unit fastening	mm	455	455	512	570	
Gas charge volume	kg	0,53	0,57	0,85	1,4	
Liquid pipeline diameter	mm/"	6,35 / ¼"	6,35 / ¼"	6,35 / ¼"	6,35 / ¼"	
Gas pipeline diameter	mm/"	9,53 / ⅜"	9,53 / ⅜"	12,7 / ½"	15,88 / ⅝"	
Maximum pipeline level difference	m	10	10	10	10	
Pipeline maximum length	m	15	15	25	25	