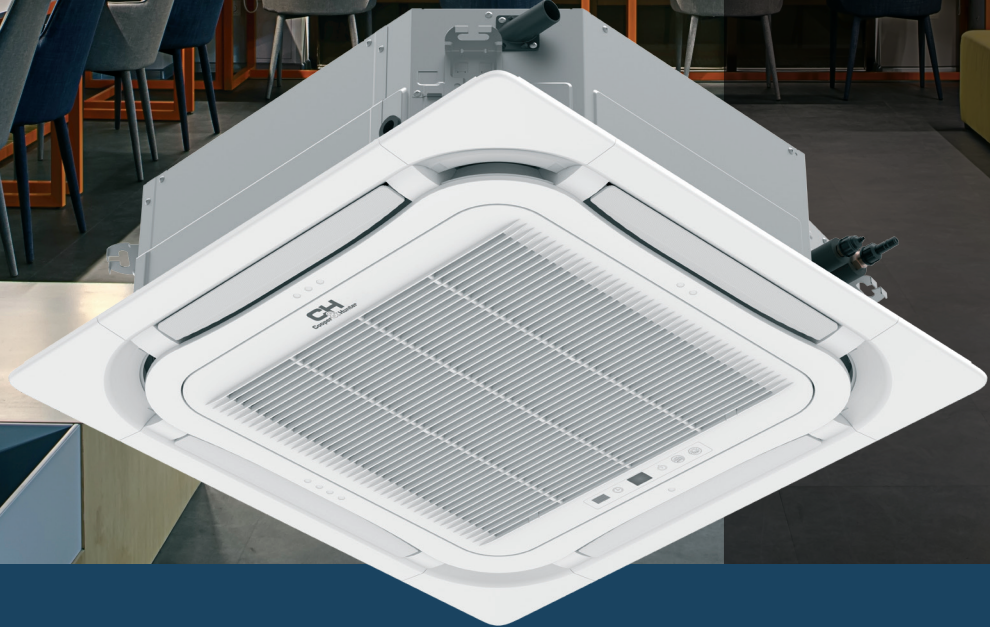




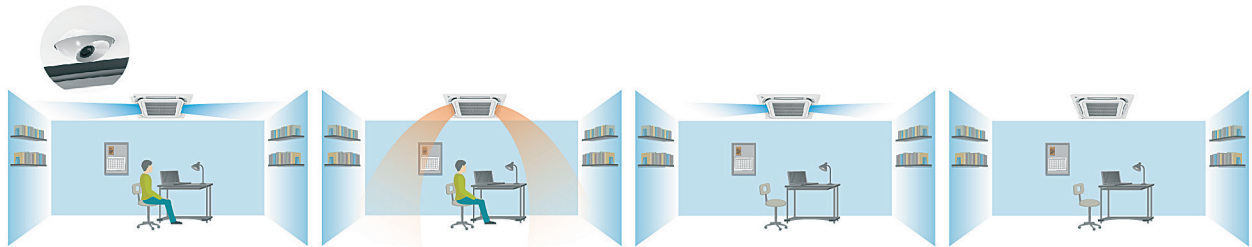
Cassette indoor unit with circular air distribution

The cassette unit with circular air distribution is suitable for various places such as hotels, office buildings, shopping malls. Due to the circular distribution of air, a more uniform temperature of the room is achieved, therefore, comfort increases.

HEALTH		COMFORT MANAGEMENT					INTELLIGENT CONTROL				TECHNOLOGICAL			
														
Mode SLEEP	ECO-FRESH	Timer	LED display	Turbo mode	Multi speed fan	Wi-Fi	Dehumidification mode	Anti Freeze protection	Auto restart	Self diagnostics	Wired controller connection	Build-in Drine Pump	Coating BLUE-FIN	Silent mode

Spatial identification of the temperature field

Intelligent control from a human presence sensor and high-temperature field recognition accuracy help avoid cold drafts. When the system detects that there is no one in the room, it will automatically adjust the set temperature; if there is no one in the room for a long time, the unit will turn off.

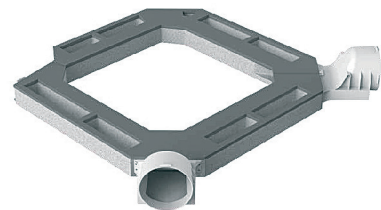


Circular air distribution

A wide range of air flow, more uniform temperature distribution and greater comfort.



The additional fresh air supply kit can effectively mix 8~10 % fresh air and improve indoor comfort



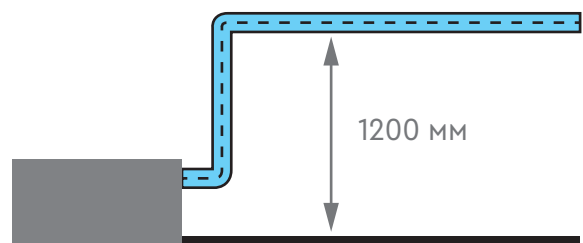
Independent control of oscillations of louvers

The four air louvres can be controlled independently of each other, and by setting the direction of the air on all sides, there will be no direct entry of air into the working area.



Standard equipment drainage pump

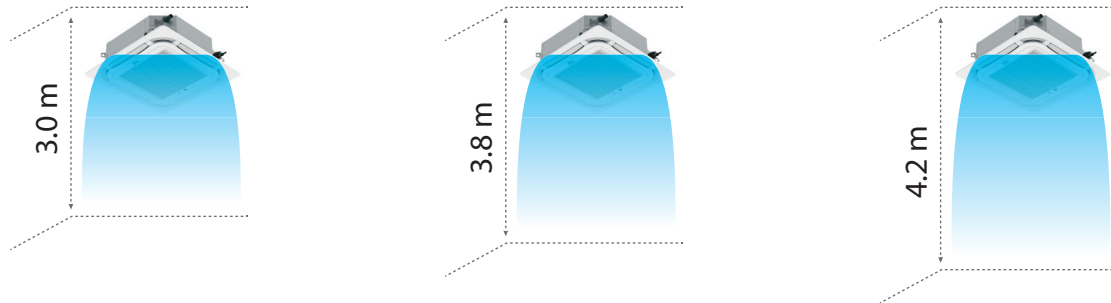
The pressure of the pump for condensate removal can be up to 1200 mm, and the height of the vertical installation of the unit can be flexibly adjusted depending on the installation requirements.



CASSETTE INDOOR UNIT WITH CIRCULAR AIR DISTRIBUTION

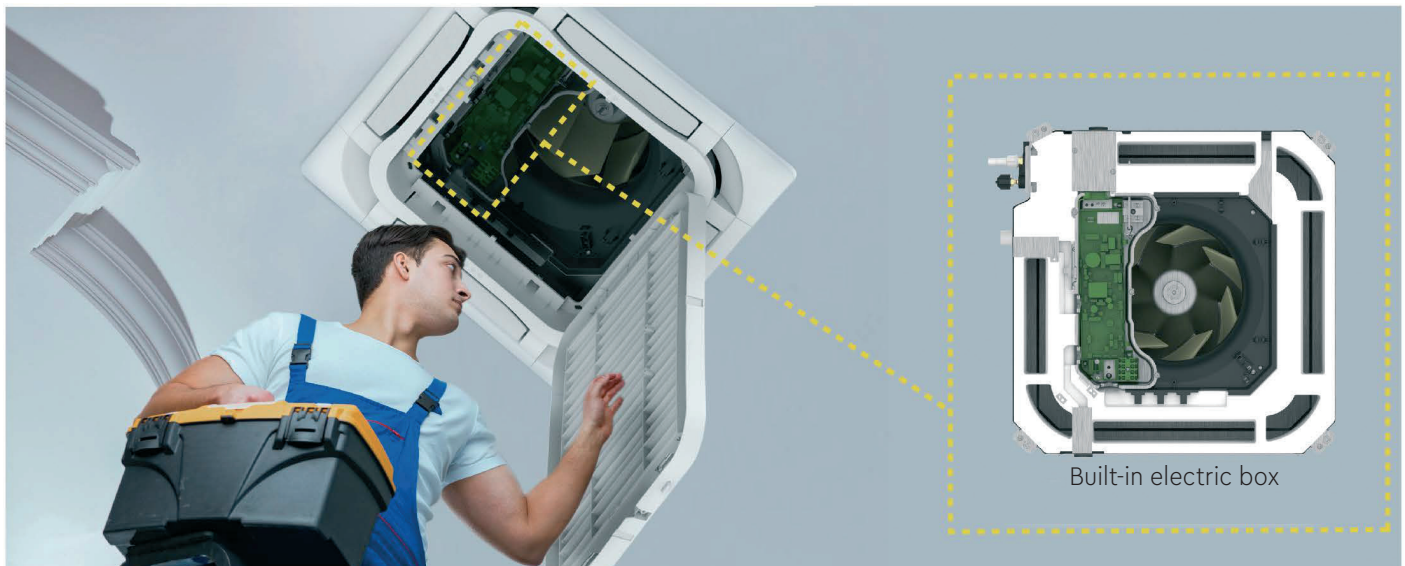
Convenient for high ceilings

Cassette units offer 11 different fan speeds to choose from. During installation, you can select the appropriate fan speed according to the ceiling height to ensure a comfortable air supply distance.



Electric Box Designed for Easy Disassembly and Servicing

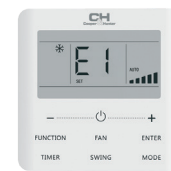
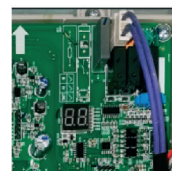
Built-in electric box is standard for the entire product range. To carry out maintenance, just open the grill – there is no need to remove the ceiling, saving time and labor.



Convenient for Wiring and Piping



Automatic fault diagnosis: equipped with a microcomputer, the unit can automatically diagnose faults and display corresponding codes (on the LED panel of the indoor unit, the main board of the outdoor unit and the wired controller) for easy maintenance.



Easy connection: wires can be connected by detaching the handle. There is no need to open the front panel.

Easy pipe connections: the entire range offers external valves, all with protective caps, for easy pipe connections.

Built-in front cover: simple appearance, fewer components, easy to disassemble.

Model IDU				CH-IC035RK2	CH-IC050RK2	CH-IC071RK2	CH-IC085RK2	CH-IC100RK2
Model ODU				CH-IU035RK2	CH-IU050RK2	CH-IU071RK2	CH-IU085RK2	CH-IU100RK2
Capacity	Cooling	kW	3.5	5.0	7.1	8.5	10.5	
		Btu/h	11900	17000	24200	29000	35800	
	Heating	kW	4.0	5.6	7.8	8.8	11.5	
		Btu/h	13600	19100	26600	30000	39200	
EER/COP			3.80/4.00	3.40/3.50	3.50/3.90	3.40/3.90	3.40/3.90	
SEER/SCOP			7.10/4.20	6.60/4.00	6.70/4.30	6.90/4.30	6.60/4.40	
Energy efficiency grade			A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	
Power supply			V/Hz/Ph	~220-240/50/1				
Power input	Cooling	kW	0.92	1.47	2.03	2.50	3.10	
	Heating	kW	1.00	1.60	2.00	2.25	2.95	
Current input	Cooling	A	4.40	7.00	9.70	11.40	14.80	
	Heating	A	4.80	7.65	9.60	10.30	14.10	
Refrigerant charge volume			kg	0.57	0.85	1.50	2.10	
Indoor unit	Air flow volume		CFM	353/324/294/235	424/383/353/294	647/588/529/470	824/765/647/588	883/824/710/589
	(SH/H/M/L)		m³/h	600/550/500/400	720/650/600/500	1100/1000/900/800	1400/1300/1100/1000	1500/1400/1200/1000
	Sound pressure		dB(A)	36/35/33/29	43/41/39/35	39/38/36/34	47/46/42/38	43/41/39/38
	Dimension (WxDx H)	Outline	mm	570x570x260	570x570x260	840x840x200	840x840x200	840x840x240
	Package	mm	698x653x295	698x653x295	943x923x245	943x923x245	933x903x272	
Net weight/Gross weight			kg	16.5/21.0	16.5/21.0	21.0/27.0	21.0/27.0	23.0/29.0
Panel	Model		TF05			TF06		
	Outline dimension (WxOxH)		mm	620x620x47.5	620x620x47.5	950x950x52	950x950x52	950x950x52
	Package dimension (WxOxH)		mm	693x693x115	693x693x115	1033x1020x110	1033x1020x110	1033x1020x110
	Net weight/Gross weight		kg	3.0/4.5	3.0/4.5	6.0/9.5	6.0/9.5	6.0/9.5
Outdoor unit	Sound pressure level		dB(A)	48	52	55	57	57
	Dimension (WxDxH)	Outline	mm	675x285x553	745x300x555	889x340x660	889x340x660	940x370x820
	Package	mm	794x376x605	872x398x609	1032x456x730	1032x456x730	1093x497x885	
	Net weight/Gross weight		kg	24.5/27.0	30.5/33.0	41.5/45.0	46.0/50.0	65.0/72.0
Connecting pipe	Outdoor diameter (Liquid pipe)		inch	1/4"	1/4"	3/8"	3/8"	3/8"
	Outdoor diameter (Gas pipe)		inch	3/8"	1/2"	5/8"	5/8"	5/8"
	Max. distance (Height/Length)		m	15/30	20/30	20/30	25/30	30/75

Model IDU			CH-IC125RK2	CH-IC140RK2	CH-IC100RK2	CH-IC125RK2	CH-IC140RK2	CH-IC160RK2
Model ODU			CH-IU125RK2	CH-IU140RK2	CH-IU100RM2	CH-IU125RM2	CH-IU140RM2	CH-IU160RM2
Capacity	Cooling	kW	12.1	13.4	10.5	12.1	13.4	14.5
		Btu/h	41200	45700	35800	41200	45700	49400
	Heating	kW	13.5	15.5	11.5	13.5	15.5	17.0
		Btu/h	46000	52900	39200	46000	52900	58000
EER/COP			3.10/3.40	2.91 /3.30	3.40/3.90	3.10/3.40	2.91 /3.30	2.74/2.98
SEER/SCOP			6.10/4.10	6.30/4.00	6.60/4.40	6.10/4.10	6.30/4.00	6.10/4.00
Energy efficiency grade			A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
Power supply		V/Hz/Ph	~220-240/50/1			~380-415/50/3		
Power input	Cooling	kW	3.90	4.60	3.10	3.90	4.60	5.30
	Heating	kW	3.97	4.70	2.95	3.97	4.70	5.70
Current input	Cooling	A	18.60	21.00	4.90	6.20	7.00	9.00
	Heating	A	19.00	21.50	4.70	6.30	7.10	8.20
Refrigerant charge volume		kg	2.25	2.80	2.10	2.25	2.80	3.50
Indoor unit	Air flow volume		CFM	1000/883/765/647	1177/1059/942/824	883/824/710/589	1000/883/765/647	1177/1059/942/824
	(SH/H/M/L)		m³/h	1700/1500/1300/1100	2000/1800/1600/1400	1500/1400/1200/1000	1700/1500/1300/1100	2000/1800/1600/1400
	Sound pressure		dB(A)	48/46/43/39	50/48/45/41	43/41/39/38	48/46/43/39	50/48/45/41
	Dimension (WxDx H)	Outline	mm	840x840x240	840x840x290	840x840x240	840x840x240	840x840x290
		Package	mm	933x903x272	933x903x335	933x903x272	933x903x272	933x903x335
	Net weight/Gross weight		kg	23.0/29.0	25.0/32.0	23.0/29.0	23.0/29.0	25.0/32.0
Panel	Model		TF06					
	Outline dimension (WxOxH)		mm	950x950x52	950x950x52	950x950x52	950x950x52	950x950x52
	Package dimension (WxOxH)		mm	1033x1020x110	1033x1020x110	1033x1020x110	1033x1020x110	1033x1020x110
	Net weight/Gross weight		kg	6.0/9.5	6.0/9.5	6.0/9.5	6.0/9.5	6.0/9.5
Outdoor unit	Sound pressure level		dB(A)	58	59	57	58	59
	Dimension (WxDxH)	Outline	mm	940x370x820	940x370x820	940x370x820	940x370x820	990x370x960
		Package	mm	1093x497x885	1093x497x885	1093x497x885	1093x497x885	1153x478x1110
	Net weight/Gross weight		kg	66.0/73.0	73.0/80.0	75.0/82.0	76.0/83.0	81.0/88.0
Connecting pipe	Outdoor diameter (Liquid pipe)		inch	3/8"	3/8"	3/8"	3/8"	3/8"
	Outdoor diameter (Gas pipe)		inch	5/8"	5/8"	5/8"	5/8"	5/8"
	Max. distance (Height/Length)		m	30/75	30/75	30/75	30/75	30/75