



Air Conditioning - 50 Hz

The future moving in.

SIEMENS

Outstanding designs for exceptional comfort.

Discover a cleaner, healthier and more comfortable environment every season. Siemens air-conditioning solutions offer reliability, outstanding quality and superior performance.

Take control with features like the Turbo mode, which allows you to reach a preset temperature in record time. Its intelligent design guarantees that cool air is evenly distributed throughout the room, while its unique energy-saving feature makes it one of the most eco-friendly air-conditioners in the world.

An Ionizer regularly releases anions naturally found in forests and waterfalls to ensure that the atmosphere constantly makes you feel refreshed and energized. A special Bio filter uses biological enzymes and an eco filter to trap and neutralize airborne bacteria, fungi and microbes, effectively preventing allergies and creating a healthier environment.

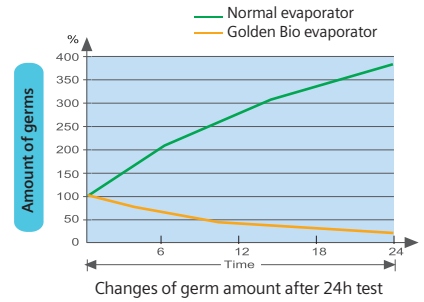




Special features

Golden fin

Designed to create a healthy and comfortable environment by efficiently preventing bacteria from breeding and spreading. The golden hydrophilic condenser improves heating efficiency by accelerating the defrosting process. A unique anti-corrosive gold coating on the condenser can withstand salty air, rain and other corrosive elements.



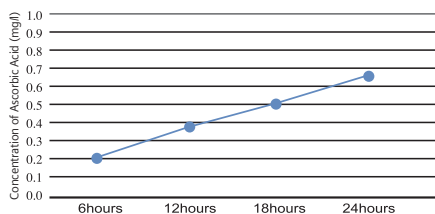
Ionizer

Naturally found in waterfalls and forests, anions are negatively charged atoms that leave humans feeling refreshed. Our air-conditioners are equipped with an Ionizer Technology to refresh the atmosphere in your home.

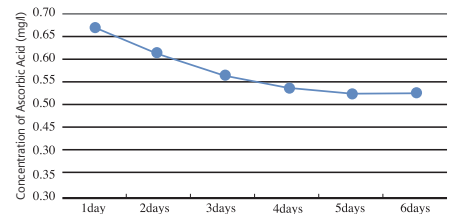
Vitamin C filter

Vitamin C is one of the most important vitamins for the human body and is important for one's health and skin. The vitamin C filter is made of vitamin C emission material. When the air flows through it, the vitamin C is distributed throughout the room.

Progress of "Vitamin C emission" every 6 hours



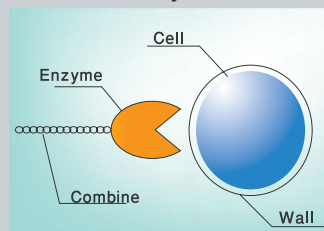
Performance of the emission in case of continuous running



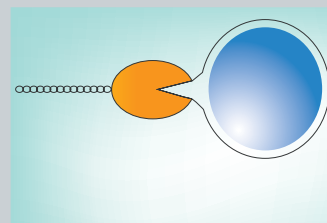
Bio filter

The Bio filter consists of a specialized biological enzyme and Eco filter. The Eco filter catches even the smallest airborne dust particles and neutralizes the bacteria, fungi and microbes.

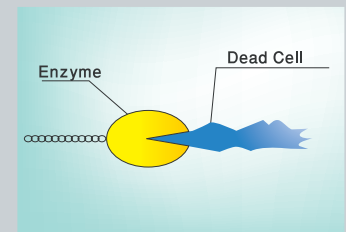
1. Germ & Enzyme



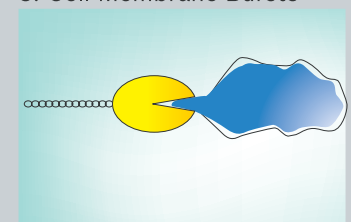
2. Cell Wall Dissolved



4. Germ Dies



3. Cell Membrane Bursts



General features



Turbo mode

This function enables the unit to reach the preset temperature in the shortest time.



Auto-restart function

When the power is switched on, the unit automatically restores the previous function setting.



Anti-rust cabinet

Made from electrolytic zinc steel sheet and anti-rust coated components.



Flexible wiring connection

The terminal block makes the cable connection between the indoor and outdoor unit much more flexible.



Valve protection cover

It protects the valves and prevents water from dripping.



Self-diagnosis and auto-protection function

This function can electronically detect errors and display the diagnosis by a series of flashing LEDs on the indoor unit. The unit will then automatically switch to protection mode.



Multi-bend heat exchanger

Compared to conventional models, Siemens air-conditioners have adopted multi-bend heat exchangers. It helps increase the heat exchange surface in order to improve efficiency.



Anti-cold air function (heat pump only)

When the evaporator temperature is warm enough, the fan begins to operate, preventing any sudden blast of cold air.



Hydrophilic aluminum fin

In the indoor unit, it improves the cooling efficiency by enabling unrestricted flow of condensation between the heat exchange fins. In the outdoor unit, it improves the heating efficiency by accelerating the defrosting process.



Two-speed outdoor fan (applicable to models >24000 Btu/h)

With a two-speed fan motor, the outdoor unit can operate powerfully at high speed or can be adjusted to a quiet and low speed operation at night.



Trapeziform innergroove copper

Compared with the triangular innergroove copper, it allows more adequate refrigerant to go through, improving heat exchange efficiency and lowers power consumption.

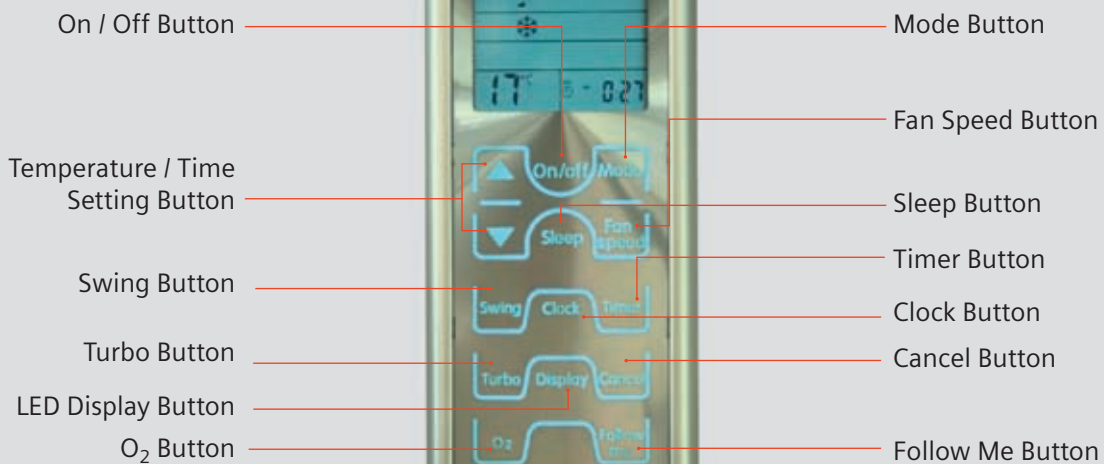


Sleep mode

This function enables the unit to automatically increase (cooling) or decrease (heating) by 1°C per hour for the first two hours, then hold steady for the next 5 hours, after which, the unit will stop operation. It can save energy while maintaining the most comfortable temperature.

Remote control functions

NEW



A/C Specifications - 50 Hz



Model			S1ZDI09100 indoor S1ZDA09100 outdoor	S1ZDI09102 indoor S1ZDA09102 outdoor	S1ZDI12200 indoor S1ZDA12200 outdoor	S1ZDI12202 indoor S1ZDA12202 outdoor
Performance			Cooling	Cooling / heating	Cooling	Cooling / heating
Power supply		Ph-V-Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	220~240 / 50Hz	220~240 / 50Hz
Cooling	Capacity (max.)	Btu / h	9000	9000	12000	12000
	Input	W	1000	1000	1250	1350
	Rated current	A	4.6	4.6	5.5	6
	EER	Btu / w.h	9.0	9.0	9.2	9.2
Heating	Capacity	Btu / h		10000		13000
	Input	W		980		1150
	Rated current	A		4.4		5
	COP	W/W		3.0		10.5
Moisture removal		L / h	1.0	1.0	1.2	1.2
Indoor airflow (Hi / Mi / Lo)		m ³ / h	450 / 400 / 350	450 / 400 / 350	630 / 480 / 390	630 / 480 / 390
Indoor unit	Dimension (W x H x D)	mm	710 x 250 x 195	710 x 250 x 195	790 x 265 x 195	790 x 265 x 195
	Packing (W x H x D)	mm	800 x 340 x 270	800 x 340 x 270	875 x 375 x 285	875 x 375 x 285
	Net / gross weight	Kg	8 / 9.5	8 / 9.5	9.0 / 11.0	9.0 / 11.0
Outdoor unit	Dimension (W x H x D)	mm	700 x 535 x 235	700 x 535 x 235	780 x 540 x 250	780 x 540 x 250
	Packing (W x H x D)	mm	815 x 580 x 325	815 x 580 x 325	910 x 575 x 335	910 x 575 x 335
	Net / gross weight	Kg	26.5 / 29	28.5 / 31	34 / 37	34 / 37
Refrigerant piping	Liquid side / gas side	mm (inch)	Φ 6.35 / Φ 9.53	Φ 6.35 / Φ 9.53	Φ 6.35 / Φ 12.7	Φ 6.35 / Φ 12.7
	Max. refrigerant pipe length	m	10	10	10	10
	Max. difference in level	m	5	5	5	5
Thermostat type			Electronic control	Electronic control	Electronic control	Electronic control
Operation temperature		℃	+17 / +30	+17 / +30	+17 / +30	+17 / +30
Ambient temperature		℃	+18 / +45	-7 / +45	+18 / +56	-7 / +56
Application area		m ²	+14 / +21	+14 / +21	+18 / +26	+18 / +26
Qty/per 20' / 40' / 40' HQ		Set	126 / 272 / 298	126 / 272 / 298	108 / 226 / 266	108 / 226 / 266
Special features	Ionizer	Yes / No	Yes	Yes	Yes	Yes
	Vitamin C filter	Yes / No	No	No	No	No
	Bio filter	Yes / No	Yes	Yes	Yes	Yes
	Golden fin	Yes / No	No	No	No	No



S1ZDI18200 indoor S1ZDA18200 outdoor	S1ZDI18202 indoor S1ZDA18202 outdoor	S1ZDI24200 indoor S1ZDA24200 outdoor	S1ZDI24202 indoor S1ZDA24202 outdoor	S1ZDI30200 indoor S1ZDA30200 outdoor	S1ZDI30202 indoor S1ZDA30202 outdoor
Cooling	Cooling / heating	Cooling	Cooling / heating	Cooling	Cooling / heating
1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz
18000	18000	24000	24000	28000	28000
2000	2000	2650	2650	3150	3150
9.0	9.0	12.5	12.5	15	15
9.0	9.0	9.0	9.0	9.0	9.0
	21000		27000		31000
	2200		2650		3150
	9.5		12		14.2
	9.5		10.2		9.8
1.8	1.8	2.2	2.2	2.4	2.4
800 / 730 / 600	800 / 730 / 600	1080 / 1020 / 960 / 880	1080 / 1020 / 960 / 880	1150 / 1080 / 1020 / 960	1150 / 1080 / 1020 / 960
920 x 292 x 220	920 x 292 x 220	1080 x 330 x 225	1080 x 330 x 225	1080 x 330 x 225	1080 x 330 x 225
1015 x 368 x 295	1015 x 368 x 295	1165 x 445 x 320	1165 x 445 x 320	1165 x 445 x 320	1165 x 445 x 320
13 / 15	13 / 15	17 / 21	17 / 21	17 / 21	17 / 21
845 x 695 x 335	845 x 695 x 335	845 x 695 x 335	845 x 695 x 335	845 x 695 x 335	845 x 695 x 335
965 x 770 x 395	965 x 770 x 395	965 x 770 x 395	965 x 770 x 395	965 x 770 x 395	965 x 770 x 395
53 / 58	62 / 67	60 / 65	62 / 67	60 / 65	62 / 67
φ 6.35 / φ12.7	φ 6.35 / φ12.7	φ 9.53 / φ16.0	φ 9.53 / φ16.0	φ 9.53 / φ16.0	φ 9.53 / φ16.0
15	15	20	20	20	20
8	8	10	10	10	10
Electronic control	Electronic control	Electronic control	Electronic control	Electronic control	Electronic control
+17 / +30	+17 / +30	+17 / +30	+17 / +30	+17 / +30	+17 / +30
+18 / +56	-7 / +56	+18 / +56	-7 / +56	+18 / +56	-7 / +56
+30 / +40	+30 / +40	+40 / +56	+40 / +56	+50 / +68	+50 / +68
67 / 142 / 154	67 / 142 / 154	58 / 126 / 135	58 / 126 / 135	59 / 127 / 136	59 / 127 / 136
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes

AIR CONDITIONING RANGE 2008

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