

ZEN[®] edition

High Efficiency / Healthy (Anti- Allergies) /
Heating & Cooling / GoldfinTechnology



Powerful Air-flow.

The Sirair ZEN Edition is loaded with the latest technology for your home or workspace. Efficiency and stability blends with high performance to provide comfort in all seasons.





NON - INVERTER Technical Specifications

		CHS09FX/S	CHS12FX/S	CHS18FX/S	CHS24FX/S	ChS-30FX/S	
		9000 btu	12 000 btu	18 000 btu	24 000 btu	30 000 btu	
		T1	T1	T1	T1	T1	
Model							
Climate type		T1	T1	T1	T1	T1	
Power supply	Ph-V-Hz	1Ph-220-240V-50Hz	1Ph-220-240V-50Hz	1Ph-220-240V-50Hz	1Ph-220-240V-50Hz	1Ph-220-240V-50Hz	
Type		Cooling-Heating	Cooling-Heating	Cooling-Heating	Cooling-Heating	Cooling-Heating	
Power Supply Mode		alternating current	alternating current	alternating current	alternating current	alternating current	
Control type		Remote Controller	Remote Controller	Remote Controller	Remote Controller	Remote Controller	
Cooling	Capacity	Btu/h 2428	3186	4851	6309	6686	
	Power Input	W 790	1025	1556	1869	2206	
	Rated Current	A 3.62	4.73	7.19	8.58	10.03	
	EER	W/W 3.07	3.11	3.12	3.37	3.03	
Heating	Capacity	Btu/h 2541	3328	4872	6598	6903	
	Power Input	W 784	954	1413	1858	2124	
	Rated Current	A 3.59	4.41	6.54	8.55	9.65	
	COP	W/W 3.25	3.49	3.45	3.55	3.25	
Compressor	Model	ASM 199V VDZ	ASM125V1VDZ	ASL185UV- C7EU	ASH244UV-C8DU1	PAZ70G2CS-4MU1	
	Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Brand	GMCC	GMCC	Highly	Highly	GMCC	
Indoor unit	Indoor fan motor	Model	RPG15(AL)	RPG15(AL)	Y4S476B537	RPG45	RPG45
		Brand	Broad-ocean/Welling	Broad-ocean/Welling	Broad-ocean/Welling	Broad-ocean/Welling	Broad-ocean/Welling
		Capacitor	uF 2	2	2	2	2
	Evaporator	Motor speed (TU/Hi/Mi/Lo)	RPM 1150/1050	1250/1150	1250	1280	1280
		a,Number of rows	2	2	2	2	2
		b,Tube pitch(a)x row pitch(b)	mm 21X12,7	21X12,7	21X12,7	21X12,7	21X12,7
		c,Fin material	Window/Aluminium	Window/Aluminium	Window/Aluminium	Window/Aluminium	Window/Aluminium
Indoor air flow	d,Tube outside dia.and type	mm Innegroove tube/Cu	Innegroove tube/Cu	Innegroove tube/Cu	Innegroove tube/Cu	Innegroove tube/Cu	
	e,Coil length x height x width	mm 612*280*22,6	612*280*22,6	700*336*25,4	778*315*25,4	778*315*25,4	
Noise level	m3/h 450	550	850	1200	1200		
Unit dimension (W*H*D)	dB(A) 40	42	45	49	49		
Packing (W*H*D)	mm 790*205*270	790*205*270	900*216*286	1025*240*320	1025*240*320		
Outdoor unit	Outdoor fan motor	mm 870*265*335	870*265*335	970*290*345	1105*315*405	1105*315*405	
		Model	Y5S613B5174L	YKT-25-6-210L	Y5S613C297N YDK50-6 YKT-45-6-216	YDK68-6E Y6S696C520	YDK68-6E Y6S696C520
		Brand	Broad-ocean	Welling	Broad-ocean/Tongde/Welling	Tongde/Broad-ocean	Tongde/Broad-ocean
	Condenser	Capacitor	uF 2	2	2	2	2
		Motor speed	Rpm 780	780	850	880	880
		a,Number of rows	1,3	1,5	2	2	2
		b,Tube pitch(a)x row pitch(b)	mm 21X12,7	21X12,7	21X12,7	21X12,7	21X12,7
Refrigerant pipe	c,Fin material	Window/Aluminium	Window/Aluminium	Window/Aluminium	Window/Aluminium	Window/Aluminium	
	d,Tube outside dia.and type	mm φ7 Innegroove tube/Cu	φ7 Innegroove tube/Cu	φ7 Innegroove tube/Cu	φ7 Innegroove tube/Cu	φ7 Innegroove tube/Cu	
Noise level	mm 697*504*25,4	697*504*25,4	752*546*25,4	915*672*25,4	915*672*25,4		
Refrigerant type	dB(A) 50	52	55	57	59		
Unit dimension (W*H*D)	R410A	R410A	R410A	R410A	R410A		
Packing (W*H*D)	mm 700*542*266	700*542*266	782*580*272	860*720*320	860*720*320		
Refrigerant pipe	Liquid side	mm 820*600*340	820*600*340	905*640*365	1015*775*445	1015*775*445	
		mm 6	6	6	9,52	9,52	
	Gas side	mm 9,52	12	12	15,88	15,88	
		Max. refrigerant pipe length	m 12	12	12	15	15
Max. difference in level	m 7	7	7	8	8		