



ZEN edition

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



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.



SUPREME
AIR CONDITIONING
DIV OF SUPREME CORPORATE HOLDINGS (PTY) LTD
Leaders In Air Conditioning And Refrigeration



ENERGY
EFFICIENCY LABELLING



NON - INVERTER Technical Specifications

		CHS09FX/S	CHS12FX/S	CHS18FX/S	CHS24FX/S	ChS-30FX/S		
Model		9000 btu	12 000 btu	18 000 btu	24 000 btu	30 000 btu		
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		
Type		Ph-V-Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz	1Ph-220~240V-50Hz		
Power Supply Mode			alternating current	alternating current	alternating current	alternating current		
Control type			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	9.85	
	COP	W/W	3.25	3.49	3.45	3.55	3.25	
Compressor	Model		ASM 199V VDZ	ASM125V1VDZ	ASL185UV - C7EU	ASH244UV-C8DU1	PA270G2CS-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
		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*338*25.4	778*315*25.4	778*315*25.4	
	Indoor air flow	m3/h	450	550	850	1200	1200	
Noise level	dB(A)	40	42	45	49	49		
Unit dimension (W*H*D)	mm	790*205*270	790*205*270	900*216*286	1025*240*320	1025*240*320		
Packing (W*H*D)	mm	870*265*335	870*265*335	970*290*345	1105*315*405	1105*315*405		
Outdoor unit	Outdoor fan motor	Model		YSS613B5174L	YKT-25-6-210L	YSS613C297N YDK50-61 YKT-45-6-216	YDK68-6E Y6S696C520	YDK68-6E Y6S696C520
		Brand		Broad-ocean	Welling	Broad-ocean/Tongde/Welling	Tongde/Broad-ocean	Tongde/Broad-ocean
		Capacitor	uF	2	2	2	2	2
	Condenser	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
		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
	e.Coil length x height x width	mm	697*504*25.4	697*504*25.4	752*546*25.4	915*672*25.4	915*672*25.4	
	Noise level	dB(A)	50	52	55	57	59	
Refrigerant type		R410A	R410A	R410A	R410A	R410A		
Unit dimension (W*H*D)	mm	700*542*266	700*542*266	782*580*272	860*720*320	860*720*320		
Packing (W*H*D)	mm	820*600*340	820*600*340	905*640*385	1015*775*445	1015*775*445		
Refrigerant pipe	Liquid side	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	