



THE NEW STYLISH AERO Mid-Wall Split AC

Product Basic Features.
High Efficiency / Healthy Anions (Anti-Allergies) /
Heating&Cooling / Goldfin Technology



Powerful Air-flow.

The new stylish Aero 170 Wall-Mount AC comes with an improved skew fan technology, that allows you to be in control of the room temperature throughout seasons.

Our Energy-Saver Inverter Compressor.

SIRAIR full DC inverter compressor is built-in with brushless reluctance DC compressor control, DC fan motor, and upgraded heat exchanger, which is more efficient and energy-saving that comes with **5 years Warranty Solution.**

Get in touch www.sirair.co.za

LG & Sirair Air Conditioners , Heatpumps ,Solar Geysers & Hvac&r tools spares & consumables.

inverter
INNOVATION TECHNOLOGY



Reduce Energy consumption by 30%

A DC motor uses magnetic force to operate the compressor. This dramatically reduces energy consumption compared to conventional non-inverter motors. A DC inverter AC automatically slows down and operates at minimum suitable capacity after reaching the set temperature. Energy consumption can be reduced by 30%.



HEALTHY ANIONS



BLUEFIN TECHNOLOGY



LCD DISPLAY



R410a ECO-FRIENDLY



COOLING & HEATING



ISO 9000

Aero Mid-Wall Split Inverter AC			CS-09IN/S	CS-12IN/S	CS-18IN/S	CS-24IN/S
voltage		Ph-V-Hz	220-240/50	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Cooling	Cooling capacity	W	2500	3200	5100	6400
	Cooling power input	W	780	1040	1585	2125
	Cooling current input	A	3.4	4.7	6.9	9.3
	EER	w/w	3.21	3.08	3.22	3.01
Heating	Heating capacity	W	2800	3500	5200	6900
	Heating power input	W	820	1020	1525	2025
	Heating current input	A	3.6	4.5	6.7	8.8
	COP	w/w	3.41	3.43	3.41	3.41
Max. input consumption		W	1530	1750	2800	3700
Max. current		A	7.0	8	13.5	15.5
Compressor	Model		ASK89D53UEZ	ASK103D53UFZ	ATD141RDP8JT	ATL232SDNC9AUA
	Type		Rotary	Rotary	Rotary	Rotary
	Brand		GMCC	GMCC	HIGHLY	Highly
	Capacity	W	2645	3139	5560	6465
	Power input	W	682	809	1255	2105
Fan motor	Model		YDK-16-4 9	YDK-16-4 9	YDK-27-4 A6	"YDK-30-4
	Power input	W	40	40	56	"
	capacity	uF	1	1	1.8	63
	Indoor Fan					2
	Speed RPM	r/min	1250±20	1250±20	1300±20	1350±20
Indoor fan	dia.x.length	mm	Φ92×593	Φ92×593	φ102×707	φ880×102
Indoor Air Circulation		m3/h	600	550	850	1050
Indoor Noise Level dB		dB(A)	28-40	30~42	42~46	42-48
Dimension (LxWxH)		mm	780×276×202	780×276×202	900×292×215	1080×302×220
Packing (LxWxH)		mm	960×367×305	960×367×305	983×377×300	1275×392×318
Net/Gross weight		Kg	10/12	10/12	14/17	16/20
Fan motor	Model		YDK-35-6HG 6	D-280-25-8A	YDK-40-6A 1 H2	YDK-60A-6F 2
	Power input	W	67	25	103	120
	capacity	uF	1.5/450	/	3	4
	Outdoor Fan					
	Speed RPM	r/min	850/550	850	870/600	770
Outdoor fan	dia.x.High	mm	φ408×134	Φ408×134	Φ415	Φ460×180
Outdoor Noise Level dB		dB(A)	50	53	55	56
Dimension (LxWxH)		mm	715×235×540	715×235×540	850×295×605	870×310×700
Packing (LxWxH)		mm	851×335×600	851×335×600	995×415×690	990×410×780
Net/Gross weight		Kg	27/29	27/29	40/45	56/63
Refrigerant type/weight		g	R410A/700g	R410A/940g	R410A/1420g	R410A/1950g
Design pressure (Hi/Low)		MPa	4.2/1.2	4.2/1.2	4.2/1.2	4.2/1.3
Refrigerant piping	Liquid side/Gas side/Length	mm	φ6.0+φ9.52×3000	φ6.0+φ9.52×3000	φ6.0+φ12.0×3000	φ9.52+φ15.88×3000
	"Max. refrigerant pipe length/Max. difference in level	m	15/5	15/5	15/5	15/5

The stylish Aero

Wall-Mounted DC

Strong Heating & Cooling

A DC inverter AC enables the compressor to achieve maximum frequency in the shortest time from start up. It cools you down 15% faster compared to conventional non-inverter AC. This make you enjoy more powerful cooling from the moment you switch on your DC Inverter AC.

Powerful air-flow.

The new stylish Aero 170 Wall-Mount AC comes with an improved skew fan technology, that allows you to be in control of the room temperature throughout seasons.

Electronic Expansion Valve.

Outdoor unit uses 4 - way electronic Expansion Valves, which has the function of optimizing the distribution of refrigerant to all the working indoor unit.



Aero Mid-Wall Split Non-Inverter AC			CS-09FX/S	CS-12FX/S	CS-18FX/S	CS-24FX/SI	CS-30FX/S
voltage		Ph-V-Hz	220-240/50	220-240/50	220-240/50	220-240/50	220-240/50
Cooling	Cooling capacity	W	2600	3200	5100	6700	8800
	Cooling power input	W	850	1045	1665	2180	3180
	Cooling current input	A	3.8	4.6	7.4	9.5	14.6
	EER	w/w	3.06	3.06	3.06	3.07	2.77
Heating	Heating capacity	W	2700	3400	5300	6700	8800
	Heating power input	W	790	1000	1550	1970	2880
	Heating current input	A	3.5	4.4	6.9	8.5	13.2
	COP	w/w	3.42	3.40	3.42	3.40	3.06
Max. input consumption		W	1150	1530	2500	2860	3900
Max. current		A	6.4	8.0	14.0	16.1	21
Compressor	Model		ASM106V1VDZ	ASM125V1VDZ	PA190M2AS-4KUL1	PA250G2CS-4MUL	ATH356MV-C9LU
	Type		Rotary	Rotary	Rotary	Rotary	Rotary
	Brand		GMCC	GMCC	GMCC	GMCC	Highly
	Capacity	W	3045	3590	5460	7335	8480
	Power input	W	712	845	1270	1735	3065
Fan motor	Model		YDK-16-4 9	YDK-16-4 9	RPG50A-3	RPG50A-1	YDK-50-4A 1
	Power input	W	35	35	125	125	92
	capacity	uF	1	1	2.5	2.5	2.5
	Indoor Fan						
	Speed RPM	r/min	1250±20	1250±20	1250±20	1350±20	1300±20
Indoor fan	dia.xlength	mm	Φ92x593	Φ92x673	φ107x695	Φ107x886	φ108x1040
Indoor Air Circulation		m3/h	600	700	1000	1350	1400
Indoor Noise Level dB		dB(A)	29-40	32-43	36-46	38-51	48-53
Dimension (LxWxH)		mm	780x276x202	850x276x202	950x313x240	1155x313x240	1300x332x245
Packing (LxWxH)		mm	950x367x305	930x366x292	1045x403x330	1358x400x328	1515x428x345
Net/Gross weight		Kg	10/12	11/13	14/17	17.5/21.5	22/26
Fan motor	Model		YDK-30-6	YDK-35-6H	YDK-40-6A 1	YDK-60A-6F	YDK-60A-6F
	Power input	W	60	67	106	160	133
	capacity	uF	2	2	3	4	4
	Outdoor Fan						
	Speed RPM	r/min	890	900	870	850	850
Outdoor fan	dia.xHigh	mm	Φ384x136	Φ408x134	Φ415	φ460x180	Φ460x180
Outdoor Noise Level dB		dB(A)	52	54	54	59	59
Dimension (LxWxH)		mm	700x225x500	715x235x540	850x295x605	870x310x700	900x330x835
Packing (LxWxH)		mm	825x320x550	851x335x600	995x415x690	990x410x780	1030x440x960
Net/Gross weight		Kg	25/29	28/33	42/49	53/60	65/80
Refrigerant type/weight		g	R410A/620g	R410a/1010g	R410A/1650g	R410a/1820g	R410A/1880g
Design pressure (Hi/Low)		MPa	4.2/1.2	4.2/1.2	4.2/1.2	4.2/1.2	4.2/1.2
Refrigerant piping	Liquid side/Gas side/Length	mm	φ6.0+φ9.52x3000	φ6.0+φ9.52x3000	φ6.0+φ12.0x3000	φ9.52+φ15.88x3000	φ9.52+φ15.88x3000
	"Max. refrigerant pipe length/Max. difference in level	m	15/5	15/5	15/5	15/5	15/5