

YOSHI

STAY COOL STAY GREEN

Why YOSHI Air Conditioner?



Consumes
40%-50% less power



Faster heating/cooling

Longer AC life



Much quieter

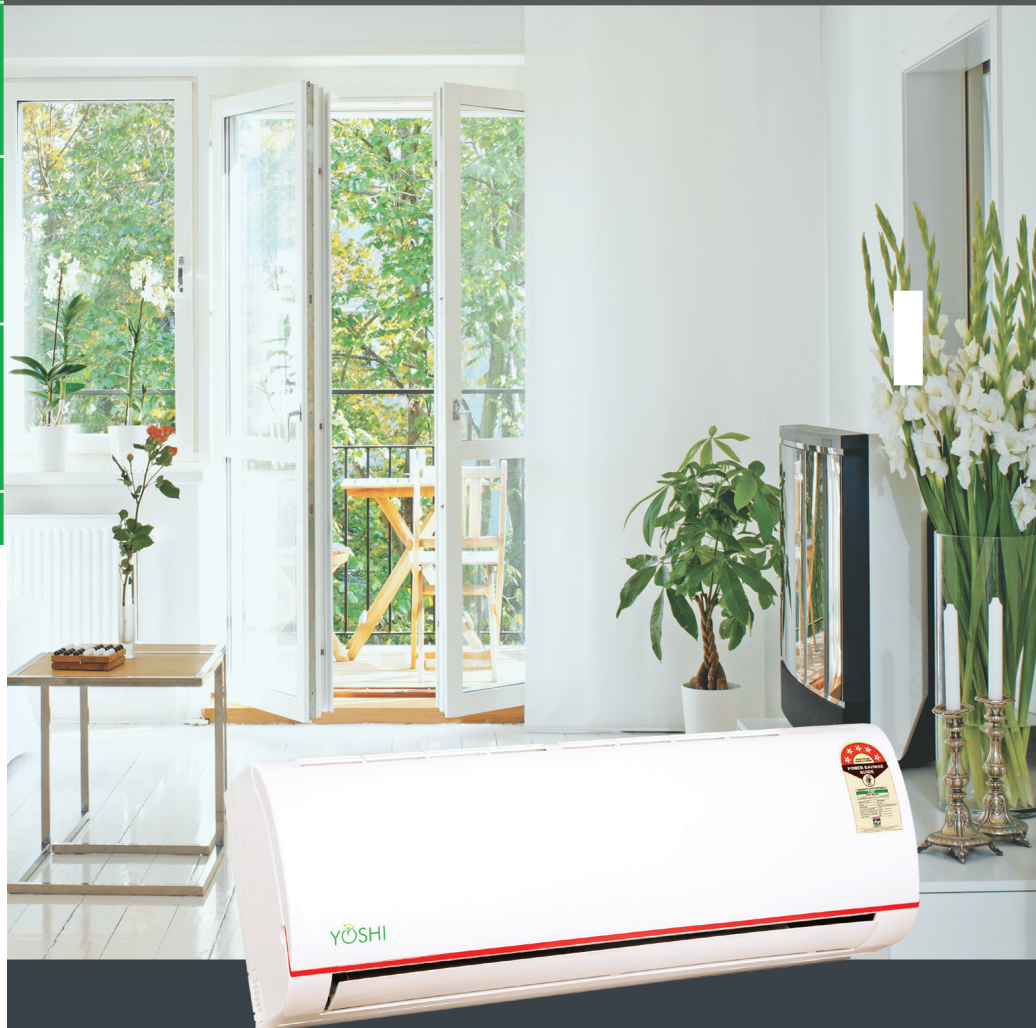


Eco friendly



Low initial load

- 100% copper condenser/connection pipe
- Faster Heating & Cooling Inverter model
- Eco friendly R410 refrigerants
- Installation friendly specs
- Low Voltage operation (160-240 V)
- Power saving up to 40%-50% over normal AC
- 2 year full warranty
- Auto restart
- Stabilizer free operation



			DC inverter	DC inverter	DC inverter	
Model			INV-CGO-12K17	INV-CGO-18K17	INV-CGO-24K17	
Rated volt and frequency		Ph-V-Hz	160-240/50	160-240V/50Hz	160-240V/50Hz	
Cooling	Cooling capacity	W	3500(2200-3800)	5100(2400-5600)	7000(2500-8500)	
	Cooling power input	W	1092 600-1400	1560(590-1820)	2180(700-3000)	
	Cooling current input	A	4.8 2.6-6.0	7.1(2.7-8.3)	9.8(3.2-13.6)	
	EER	w/w	3.21	3.27	3.21	
Heating	Heating capacity	W	3700W(2400W-4000W)	5500(2500-6400)	7400(3000-8200)	
	Heating power input	W	1024 600-1300	1520(600-1960)	2050(700-3000)	
	Heating current input	A	4.5 2.6-5.8	7.0(2.7-8.9)	9.3(3.2-13.6)	
	COP	w/w	3.61	3.62	3.61	
Max. input consumption		W	2400	2800	3700	
Max. current		A	12	13.5	15.5	
Compressor	Model		5RS102ZBC21	ASG133RDNB7AT	ATL232SDNC9AUA	
	Type (Rotary,Piston , Scroll		Rotary	Rotary	Rotary	
	Brand	W	Panasonic	Highly	Highly	
	Capacity		3101	5100	6465	
	Power input	W	960	1150	2105	
	LRA	A	22	30	39	
	RLA	A	4.6	5.0	10.9	
	Thermal protector		INT11L-5270 L115-15	KSD301	Internal	
	capacity	uF-V	/	/	/	
Refrigerant oil	ml	ESTER OIL FV50S .320	HAF68D1U or equivalent 480ml	HAF68D1C or equivalent 880ml±20%		
Indoor	Fan motor	Model		YDK-16-4G	YDK-23-4 A6	YDK-30-4
		Power input	W	33	47	63
		capacity	uF	1	1.2	2
		Indoor Fan Speed RPM	r/min	1300	1250±20rpm 1150±30rpm 950±30rpm	1350/1200/1050
	Indoor fan	dia.×length	mm	98×622	98×707	880×102
	Evaporator	Rows×Tubes×Circuits		2*15*2	2*17	2*17*
		Tube pitch× row pitch×Fin spacing	mm	21*12.7*1.7	21*12.7*1.6	21*12.7*1.6
		Fin type		hydrophilic fin	open window hydrophilic fin	open window fin
		Tube outside dia.and typ	mm	7×(0.28+0.15)/Internal thread tube	7/Internal thread tube	7.0×0.25+0.18/Internal thread tube
		Coil length × height× width	mm	615*315*25.4	705*402*25.4	875*357*25.4
	Indoor Air Circulation		m3/h	500	850	1050
	Indoor Noise Level dB		dB(A)	30-38	39-42	42-48
	Dimension (L×W×H)		mm	800×280×190	900×292×215	1080×302×220
	Packing (L×W×H)		mm	865×358×275	983×377×300	1275×392×318
	Net/Gross weight		Kg	10/12	13/15	16/20
Outdoor	Fan motor			YDK-35-6HG 6	YDK-40-6A 1 H2	YDK-60A-6F 2
		Power input	W	67	103	120
		capacity	uF	1.5/450	3	4
		Outdoor Fan Speed RPM	r/min	850/550	870/600	770
	Outdoor fan	dia.×High	mm	408×134	415	460×180
	Condenser	Rows×Tubes×Circuits		1*12	2*26*2	2*26
		Tube pitch× row pitch×Fin spacing	mm	21**1.4	21*18.19*1.6	25*21.56*1.8
		Fin type		open window fin	open window fin	open window fin
		Tube outside dia.and typ	mm	7×0.25+0.18/Internal thread tube	7.0×0.25/Internal thread tube	9.52×0.32/Internal thread tube
		Coil length × height × width	mm	657×500×18.19	805*550*36 776*550*36	762*650*21.56 728*650*21.56
	Outdoor Noise Level dB		dB(A)	52	55	56
	Dimension (L×W×H)		mm	715×235×540	850×295×605	870×310×700
	Packing (L×W×H)		mm	851×335×600	995×415×690	990×410×780
	Net/Gross weight		Kg	29/33	40/45	56/63
	Refrigerant type/weight		g	R410A/830	R410A/1200g	R410A/1950g
Design pressure (Hi/Low)		MPa	4.2/1.2	4.2/1.3	4.2/1.3	