

2024-25 PRODUCT CATALOGUE





**OPERATIONALLY GENIUS HEAVY DUTY** 

—— Your air-care expert ——

**Air-Conditioners** 

## **ABOUT US**

The world contains an infinite number of spaces. O.G. HEAVY DUTY believes that the air in each of them should be ideally suited to the environment they support. Thus, we make it possible to manage the air- to control its temperature, humidity and flow.

O.G. HEAVY DUTY has been supplying a wide range of products to india with some of its greatest technological innovations, creating symphonic, harmony and comfortable world for mankind since last 30 years of experience & expertise.

This is to improve people's lives with the air O.G. HEAVY DUTY creates. Comfortable air fills every space in the city where people live, work and enjoy.

Not only will you be comfortable, but you will be healthy, study and work will progress, and everyone will smile. We believe in the potential of air, pursue it, add new value, and deliver unprecedented air to the people.

BRAND VISION Life at home has always been at the heart of our business, and it's why we are committed to being the best, in constant pursuit of improving life at home.

The values that we hold high at O.G. HEAVY DUTY underscore how we will serve our Customers to position the company for future growth.

We put honesty, accountability, and ethics first.

BRAND MISSION Putting the needs of others first isn't easy, but that's exactly what caring is. We are a company committed to always doing the right thing. We constantly seek to develop, improve and sustainably grow.









#### FEATURES

4 Way Air flow Aerodynamic Heavy Duty Dompressor, Smart Airflow anti Mildew, Rapid Cooling, R-32 Refrigerant 230 Volt/1 phase /50 Hz Power Supply Coppler Type Condenser



4 Way Air flow Aerodynamic Heavy Duty Dompressor, Smart Airflow anti Mildew, Rapid Cooling, R-32 Refrigerant 230 Volt/1 phase /50 Hz Power Supply Coppler Type Condenser

DX Panel















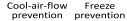








Auto clean Cool-air-flow





8/24-Hour OFF Timer



Restart







### **Split Air Conditioner Inverter Series**





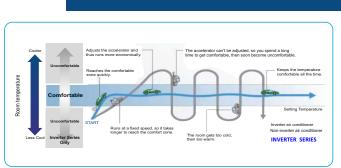


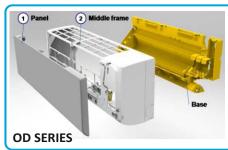




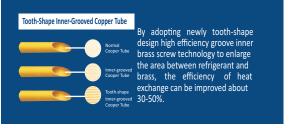


The filter is made of quality static fibre which can absorb the tiny particle and dust in the air, including the scurf of pets and mildew. It also contains active environmental-friendly component which can keep the best





- Two- box structure, fashionable design
- Integrated design of base and Air guiding frame:
- (1) Structure strength increased.
- (2) Quality more stable
- (3) Manufacturing Efficiency increase,
- (4) Performance increase
- (5) More Convenient for after-sale service

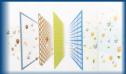


Also available in OA/OD panel

- The above design and specifications are subject to change without prior notice for product improvement.
   The values given in the table for the noise level reflect the levels in anechoice chamber.







#### Optional

The filter is made of quality static fibre which can absorb the tiny particle and dust in the air, including the scurf of pets and mildew. It also contains active environmental-friendly component which can keep the best air quality.



#### **New Technology**



### **Integrated Evaporator**

Compact design minimizes IDU size but enhances heat exchange greatly.



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   The values given in the table for the noise level reflect the levels in anechoice chamber.







### **Heating & Cooling Air Conditioner**



Super-quality Internal Threaded Copper Pipe





#### **Integrated Evaporator**

Compact design minimizes IDU size but enhances heat exchange greatly.



МО	DEL		OG-CS- 53H3A	OG-CS-80H3A
Power Source			1 Phase, 220 V, 50 Hz	1 Phase, 220 V, 50 Hz
		Ton	1.5	2.3
Consoity	Cooling	w	5270	8050
Capacity	Heating		5390	8350
Power Input		w	1590/1650	2290/2460
Curent		A	6.8/7.0	9.5/10.6
Damnation WxHxD	Indoor Unit	mm	900x230x291	1120x312x229
Damnation WxHxD	Outdoor Unit	mm	840x540x300	895x650x368
Air Flow	Indoor Unit	СМН	900	1200
Sound Level (H/M/L)	Indoor Unit	dB	45	55
Refrigerant Piping	Liquid Line	mm	6.35	9.53
	Gas Line	mm	12.7	15.88
Compressor			Rotary	Rotary
Refrigerant Type			R-22	R-22

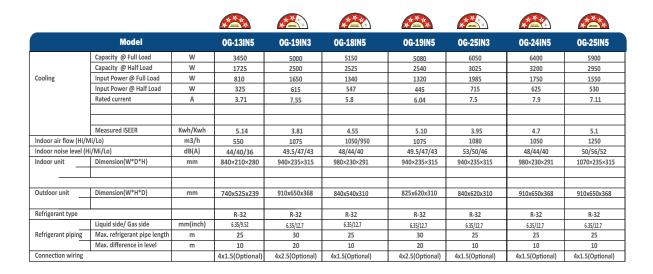
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# **Technical Specification**

## Wall Mounted Split Air Conditioner

### **Inverter Series**



### **On-Off Series**











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MODI	EL		0G-123SA	OG-12FS3	0G-183SF	OG-184SD	OG-243SA	OG-36MS
Power Source			1 Phase, 220 V, 50 Hz	1 Phase, 220 V, 50 Hz	1 Phase, 220 V, 50 Hz	1 Phase, 220 V, 50 Hz	1 Phase, 220 V, 50 Hz	3 Phase, 415V, 50 Hz
		Ton	1.0	1	1.5	1.5	2	3
Nominal Cooling Cap	acity	w	3350	3300	4950	5120	6250	10500
Power Input		w	952	855	1290	1274	1770	4250
Measured ISEER		w/w	3.73	3.86	3.84	4.02	3.53	NA
Curent		Α	4.4	3.9	6.2	5.8	8.1	5 (Per Phase)
Exterior Dimensions	Indoor Unit	mm	840×187×270	840×187×270	980×235×315	1025x240x320	1025x240x320	1260x360x280
WxHxD	Outdoor Unit	mm	840x540x300	840x540x300	840x540x300	895x650x368	895x650x368	965x356x705
Air Flow	Indoor Unit	CMH	550	1050	1050	1100*	1200	1400
Sound Level (H/M/L)	Indoor Unit	dB	44	46	48	52	48	56
Refrigerant Piping	Liquid Line	mm	6.35	6.35	6.35	6.35	6.35	9.5
	Gas Line	mm	12.7	12.7	12.7	12.7	15.88	15.88
Compressor			Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Refrigerant Type			R-32	R-32	R-32	R-32	R-32	R-22/R32



# **Technical Specification**

## Window Air Conditioner

### **On-Off Series**













				-		-		A
Mode			OG-12WA3	OG-18WA5	OG-19WA5	OG-19WA3	OG-24WA3	OG-25WA3
Power Sourc	е		1 Phase, 220 V, 50 Hz					
		Ton	1.1	1.5	1.5	1.6	2.0	2.0
Capacity	Cooling	w	3350	5150	4900	5400	6350	5950
Input	Power	w	1147	1540	1375	1830	2140	1900
Measured ISEE	ER		2.92	3.34	3.55	2.95	2.92	3.13
WxHxD		mm	600 X 385 X 525	660 X 430 X 710	660 X 410 X 770	730 X 430 X 770	730 X 430 X 770	730 X 430 X 770
Air Flow		m3/h	600	950	950	950	950	950
Sound Level	(H/M/L)	dB	48	54	54	56	54	54
Refrigerant C	harge	g	R-32	R-32	R-32	R-22	R-32	R-32
Operation Te	mp Range	C°	18-52	18-52	18-52	18-52	18-52	18-52
Application A	\rea	M2	10-15	16-25	20-30	16-25	20-30	20-30
Compressor			Rotary	Rotary	Rotary	Reciprocating	Rotary	Rotary

### Inverter Series







Mode	el		OG-12WIN5	OG-18WIN3	OG-18WIN5
Power Source	ce		1 Phase, 220 V, 50 Hz	1 Phase, 220 V, 50 Hz	1 Phase, 220 V, 50 Hz
		Ton	1.0	1.5	1.5
Capacity	Cooling	w	3450	4950	5000
Input	Power	w	1045	1800	1590
Measured ISE	ER		3.51	3.13	3.53
WxHxD		mm	660 X 430 X 710	660 X 430 X 710	660 X 430 X 710
Air Flow		m3/h	800	950	800
Sound Level	ound Level (H/M/L)		52	54	54
Refrigerant (	gerant Charge g		R-32	R-32	R-32
Operation Temp Range		C° 18-52 18		18-52	18-52
Application Area		M2	10-15	16-25	16-25
Compressor			Rotary	Rotary	Rotary



## Floor Standing Type Air Conditioner

### **FEATURES**

- The product has the popular appearance design: The widely use plate air-conditioner employ the PC materials (Acrylics) with high glossiness in the surface : graceful pattern has good dimension effects.
- Ultra-quietness: The indoor unit uses the latest optimization design of air ducts and the minimum noise in the low wind operation is only 36 db.
- The high-quality brass pipe, blue hydrophilic aluminum foil high-fficienc evaporator : large diameter, direct twist, low-noise and cross flow wheel.







#### **SPECIFICATION**

MODEL			OG-24FCC (R-22 / R-410A)	OG-48FCC (R-22 / R-410A)
Power Source			1 Phase, 220 V, 50 Hz	3 Phase, 380-440 V, 50 Hz
		Ton	2.0	4.0
Capacity Nominal	Cooling	W	6915	48000
Input	Cooling	w	2223	6100
Current		Α	9.5	8.3 (Per Phase)
Exterior dimensions	Indoor Unit	mm	547 x 1755 x 330	610x1930x380
(WxHxD)	Outdoor Unit	mm	880 x 650 x 335	905 X 1145 X 355
Net Weight	Indoor Unit	kg	38	56
	Outdoor Unit	kg	68	98
Air Flow	Indoor Unit	CFM	529	1180
Sound Level (H/M/L)	Indoor Unit	dB	48	55
Refrigerant Piping	Liquid Line	mm	9.5	9.5
	Gas Line	mm	15.8	19.05



































## Floor Cum Ceiling Air-conditioner

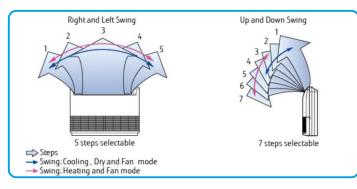






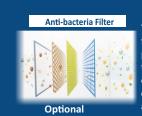






### **SPECIFICATION**

MODEL		OG-FC60
Capacity Cooling Nominal	Btu/hr	60000
Voltage, Frequency, Phase V	/ ~, Hz Ph	380-415 V, 3 Phase 50Hz
Input Watt		5725
Air Flow Volume (Indoor)	Cfm	1750
Noise Level	dB(A)	52
Indoor Unit WxHxD	mm	685x241x1676
Outdoor Unit WxHxD	mm	950x1260x360
Refrigerant		R-22, R-410A



The filter is made of quality static fibre which can absorb the tiny particle and dust in the air, including the scurf of pets and mildew. It also contains active environmental-friendly component which can keep the best air quality.

- Remarks:

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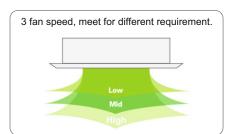


## Cassette Type Air-conditioner









Add four interfaces in body, can be connected with duct to another room.



Built-in water pump, water head up to 1200mm. 1200mm





#### SUPERIOR TECHNOLOGY

- Capacity Range 1.0 Tr To 5.0 Tr Fresh Air Provision
- 4-way Uniform Air Flow Cordless Remote Control Scroll/Rotory/Reciprocating Compressor High Efficiency and Hydrophilic Aluminum fins - Improved life of coils
- Alarm functions Trouble shooting mechanism
- Phase protection Systems in-buit

### **SPECIFICATION**

MODEL		OGC-12C	OGC-18C	OGC-18L	OGC-24	OGC-30	OGC-36	OGC-48	OGC-60
Capacity Cooling Nominal	Btu/hr	12000	18000	18000	23700	30000	36000	48000	60000
Electrical Date									
Voltage, Frequency, Phase	V ∼, Hz Ph	220, 50, 1	220, 50, 1	220, 50, 1	220, 50, 1	220, 50, 1/400, 50, 3	400, 50, 3	400, 50, 3	400, 50, 3
Input Watt		1350	1850	1850	2150	4200	2700	4650	5650
Performance									
Air Flow Volume (Hi/Lo)	M3/h	830/730	930/730	1000/830	1050/900	1050/900	1600/1420	1750/1500	1900/1750
Noise Level (Hi/Lo)	dB(A)	39/36	43/40	43/40	43/40	43/40	47/44	47/44	52/48
Dimension & Weight									
Indoor Unit WxHxD	mm	580x254x580	580x254x580	840x230x840	840x230x840	840x230x840	840x310x840	840x310x840	840x310x840
Panel		650x30x650	650x30x650	950x40x950	950x40x950	950x40x950	950x40x950	950x40x950	950x40x950
Outdoor Unit		772x540x254	845x680x310	845x680x310	845x680x310	845x680x310	990x960x360	990x960x360	950x1260x360

ALSO AVAILABLE IN R-410A

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### **SPECIFICATION**

Model			OG-52OWC	OG-70OWC	
Power supply			1phase, 220-240V, 50Hz		
0 15 4	Capacity	kW	5.2	7.0	
Cooling 1	Input	W	1750	2250	
Haatin o O	Capacity	kW	N/A	N/A	
Heating 2	Input	W	N/A	N/A	
	Туре		Α	C	
Indoor fan motor	Quantity		1		
Airflow rate (H/M/I	L)	m3/h	792/688/549	933/749/592	
Sound pressure le	vel (H/M/L)3	dB(A)	42/40/36	44/41/37	
Refrigerant type			R-410A / R-32		
Dimension (WxHxI	D) Indoor / Panel	mm	1275x189x450 / 1350x25x505		
Dimension (WxHxI	O) Outdoor	mm	840x540x300	895x650x368	
Net weight Indoor	Outdoor	kg	18.8/35	19.5/55	
Dina	Liquid pipe	mm	06.35 / 09.52		
Pipe	Gas pipe	mm	12.70 / 15.88		
connections	Drain pipe	mm		25	

# FEATURES

- Slim & Compact Indoor unit
- Long Air Throw for more comfort
- Multi way ven setup
- Air Purification
- Heat & Cool (Optional)



Cool-air-flow prevention



Freeze prevention



8/24-Hour OFF Timer







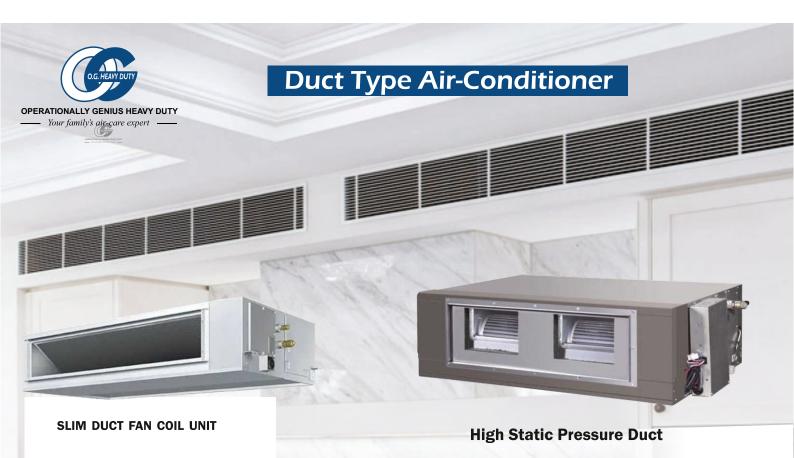


Cool-air-flow prevention

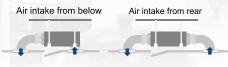
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- The longest distance of air supply is 14m Induct Some Fresh Air INDOOR UNIT
- Maximum duct lenght of 14 m
- High blowing pressure of Indoor unit 196 Pa
- Fresh Air Provision
- Low noise levels, as low as 44 dB
- Cordless / Corded Remote Control
- · Cooling only and Heating/Cooling options
- Single Phase Prevention and Reverse Phase Protection system
- High EER, Energy Saving design
- · Special cataphoric treatment for extra life span
- Cooling only and Heating / Cooling options

#### Super-quality Internal **Threaded Copper Pipe**

Superior inner-grooved coper tube that enable refrigerant flow much faster in the coper tube, enhance heat-exchange efficiency with the traditional smooth coopertube.



### Elaborate Designing Highly efficient Refrigeration

Adopted world-famous Adopted world-famous compressor such as Mitsubishi, Hitachi, Toshiba etc, enable high efficiency cooling and long service for air conditioner unit.





OPTIONAL

### **SPECIFICATION**

M	ODEL		OG-MTB-18C	OG-MTB-24C	OG-MHC-36C	OG-MHC-48C	OG-MHC-60C	OG-MHC-96C
Capacity Cooling N	ominal	Btu/h r	18000	24000	36000	48000	60000	96000
Electrical Date								
Voltage, Frequency,	Phase V~, Hz P	'h	220 v/50hz/1P	220 v/50hz/1P	380 v/50hz/3P	380 v/50hz/3P	380 v/50hz/3P	380 v/50hz/3P
Input Watt			2100	2550	4100	5000	6000	10000
Performance								
Air Flow Volume		M3/h	1000	1320	1810	2070	2700	5000
External Static Press	sure Indoor	Pa	42	45	50	70	70	70
Noise Level		dB(A)	42	45	46	47	50	54
Dimension & Weigh	ht							
Indoor Unit V	WxHxD	mm	935 x 260 x 597	935 x 272 x 597	1000x298x800	1000x298x800	1295x298x800	1650x520x850
Outdoor Unit V	WxHxD	mm	790 x 540 x 245	840 x 690 x 330	965x356x705	905x1145x355	905x1145x355	905x1145x355 X 2
Weight II	ndoor/Outdoor	kg	28 / 58	28 / 58	58/98	58/98	58/125	105/125x2

AVAILABLE IN R-22 / R-410A



### **SPECIFICATION**

MODEL		OG-SV24
Cooling Capacity Nominal	Btu/hr	24000
Voltage Supply		220v/50hz/1P / 380-415v/50hz/3P
Input Cooling	W	2550
Current Cooling	Α	11.5 / 4.2
Indoor Dimensions (HxWxD)	mm	444 x 1378 x 229
Outdoor Dimensions (HxWxD)	mm	990 x 1010 x 350/895 x 650 x 368
Net Weight Idu/Odu	kg	IDU 30 - ODU 78/62
Air Flow	m3/h	1850
Idu/Odu Sound Level (H/M/L)	dB	56/60
Refrigerant Charge		R-22
Operation Temp Range	C°	52°C



## **Our Valuable Customers**









































































































































































































### **OPERATIONALLY GENIUS HEAVY DUTY**

Your family's air-care expert

#### COOLON (INDIA) PVT. LTD.

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