



OPERATIONALLY GENIUS HEAVY DUTY
— Your family's air-care expert —

PRODUCT CATALOGUE 2026-2027

SMART. SILENT. SUSTAINABLE.

The Next Generation of Cooling



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ABOUT US

O.G. Heavy Duty Air Conditioner is a leading Indian brand committed to delivering high-performance, reliable, and energy-efficient air conditioning solutions. Proudly aligned with the Make in India initiative and actively promoting Vocal for Local, we have successfully catered to almost all major Government Departments across India, earning trust through quality, consistency, and performance.

We specialize in both residential and commercial air conditioning applications, offering customized cooling solutions for restaurants, showrooms, offices, retail spaces, and homes. Our products are engineered to perform efficiently under diverse climatic conditions while ensuring durability, low maintenance, and long operational life.

Driven by innovation, robust engineering, and strict quality standards, O.G. Heavy Duty Air Conditioner focuses on delivering superior comfort without compromising on efficiency. Supported by a customer-centric approach and dependable after-sales service, we continue to build long-term relationships across government, commercial, and residential sectors.

Moreover, we ensure our systems are designed to reduce energy consumption, minimize carbon footprint, and promote sustainable comfort across all sectors. We are committed to green air conditioning solutions that balance powerful cooling with environmental responsibility.



SANJAY KUMAR
Founder

Mr. Sanjay Kumar is a seasoned leader in the air conditioning industry with over 35 years of experience. He previously served as Director at Mitsubishi Heavy Industries India, gaining deep expertise in high-performance cooling solutions.

Driven by innovation and quality, he founded O.G. Heavy Duty Air Conditioners—a brand built on durability, energy efficiency, and customer trust. His technical knowledge and industry insight continue to shape reliable, heavy-duty air conditioners for residential and commercial needs.



SHUBHAM GOEL
Director

Mr. Shubham Goel is a young second-generation entrepreneur and Director at O.G. Heavy Duty Air Conditioners. Holding an MBA in Marketing & International Business, he brings a modern, growth-driven approach to the organization.

He has played a key role in strengthening brand visibility, expanding dealer networks, and driving sales growth through strategic marketing initiatives. With a strong focus on customer experience, digital presence, and operational efficiency, he continues to contribute significantly to the company's expansion while upholding its legacy of quality and trust.





**OUR
MANUFACTURING
PROCESS**





**RESIDENTIAL
AIR CONDITIONING
SERIES**

WINDOW AIR CONDITIONER



Features of Window Air Conditioner



DRY MODE



AUTO-ON/OFF TIMER



AUTO FAN SPEED



ANTI-BACTERIAL
FILTER



AUTO SWING



TEMPERATURE DISPLAY

**POWERFUL AIRFLOW:**

Makes sure that you get strong airflow and circulation even on the warmest of days.

**SLEEP MODE:**

Automatically switches off the AC unit after 7 hours to save more energy and bring you a comfortable sleep.

**TURBO MODE:**

With a single switch to Turbo Mode, feel the temperature go down for effective and fast cooling.

**HIGH AMBIENT WORKING:**

Works in high temperatures up to 50°C.



TECHNICAL SPECIFICATION

MODEL	OG-12WA3	OG-19WA5	OG-18W5IN	OG-25WA3
Ton	1	1.5	1.5	2
Start Rating	1	4	5	2
Technology	Fixed Speed	Fixed Speed	Variable Speed	Fixed Speed
Rated Power Consumption (W)	1147	1375	1500	1900
Cooling Capacity (W)	3350	4900	5000	5950
Window Size (W*H*D in mm)	600*385*560	660*430*710	660*430*710	660*430*770
Measured ISEER	2.92	3.56	3.71	3.13
Air Flow (m3/h)	600	950	950	950
Sound Level (dB)	48	54	54	56
Refrigerant	R-32	R-32	R-32	R-32
Compressor	Rotary	Rotary	Rotary	Rotary

Remarks

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SPLIT AIR CONDITIONER



Features of Split Air Conditioner



BLUE FINCOATING



HIGH AMBIENT WORKING



POWERFUL AIRFLOW



TURBO MODE



ENERGY SAVER MODE



ANTI-BACTERIAL
FILTER



DRY MODE



QUIET PERFORMANCE



SLEEP MODE



AUTO SWING



TECHNICAL SPECIFICATION

MODEL	OG-12S5IN	OG-18S5IN	OG-22S3IN	OG-25IN5
Ton	1	1.5	1.8	2
Start Rating	5	5	3	4
Technology	Variable Speed	Variable Speed	Variable Speed	Variable Speed
Rated Power Consumption (W)	743	1150	1897	1550
Cooling Capacity (W)	3400	5100	6500	5900
Indoor Dimension (WxDxH in mm)	770*210*280	980*235*315	1070*235*315	1070*235*315
Outdoor Dimension (WxDxH in mm)	770*525*239	840*595*300	811*596*298	895*650*368
Measured ISEER	5.61	5.71	4.35	5.1
Air Flow (CMH)	828	1080	1250	1250
Sound Level (dB)	54	54	56	56
Refrigerant	R-32	R-32	R-32	R-32
Compressor	Rotary	Rotary	Rotary	Rotary

TECHNICAL SPECIFICATION

MODEL	OG-12FS3	OG-18S3FS	OG-243SA
Ton	1	1.5	2
Start Rating	2	3	1
Technology	Fixed Speed	Fixed Speed	Fixed Speed
Rated Power Consumption (W)	855	1207	1770
Cooling Capacity (W)	3300	5250	6250
Indoor Dimension (WxDxH in mm)	840*187*270	980*235*315	1070*235*315
Outdoor Dimension (WxDxH in mm)	840*540*300	840*540*300	895*650*368
Measured ISEER	3.86	4.35	3.53
Air Flow (CMH)	950	1050	1250
Sound Level (dB)	48	54	56
Refrigerant	R-32	R-32	R-32
Compressor	Rotary	Rotary	Rotary

Remarks

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HOT & COLD AIR CONDITIONER



Features of Hot & Cold Air Conditioner



BLUE FINCOATING



HIGH AMBIENT WORKING



POWERFUL AIRFLOW



TURBO MODE



ENERGY SAVER MODE



PM 2.5 FILTER



DRY MODE



QUIET PERFORMANCE



SLEEP MODE

Category	O.G. HEAVY DUTY Hot & Cold AC	Conventional / Oil Heaters
Efficiency	47%* less running cost than oil heaters	Consumes more electricity
Comfort	Works in all seasons	Useable only in winters
Heating	Wider & longer air throw for uniform heating	Heats limited area / Wider
Health	Maintains oxygen & humidity level	Reduces oxygen level*; Increases dryness
Air Purification	PM2.5 Filter and Anti-Viral Filter for cleaner & healthier air	Does not purify air
Safety	Completely safe	Fire and burn hazards
Convenience	Fixed installation	Needs storage space when not in use

TECHNICAL SPECIFICATION

MODEL			OG-CS-53H3A	OG-CS-80H3A
Power Supply			1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz
Ton			1.5	2
Capacity	Cooling	W	5270	8050
	Heating	W	5390	8350
Power Input		W	1590/1650	2290/2460
Current		A	6.8/7.0	9.5/10.6
Dimension (WxHxD)	Indoor Unit	mm	900x230x291	1120x3x312x229
Dimension (WxHxD)	Outdoor Unit	mm	840x540x300	895x650x368
Air Flow	Indoor Unit	CMH	900	1200
Sound Level (H/M/L)	Indoor Unit	dB	45	55
Refrigerant Piping	Liquid Line	mm	6.35	9.53
Compressor	Gas Line	mm	12.7	15.88
			Rotary	Rotary
Refrigerant type			R-22	R-22

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**LIGHT COMMERCIAL
AIR CONDITIONER
SERIES**

4-WAY CASSETTE AIR CONDITIONER



Features of 4 way cassette Air Conditioner



Auto Timer

Auto ON/OFF timer can be set as per the user's requirement and desired comfort level.



Easy Installation:

Delivers easy and flexible installation with the SPECIALLY DESIGNED compact indoor unit engineering with I-shaped suspension brackets, and a light outdoor unit.



Sleep Mode

Ensures comfortable sleep and power savings at night by automatically regulating the temperature.



Easy Maintenance

Facilitates easy service and maintenance with the easily removable air filter and blower in the indoor unit, along with the service valves provided in the outdoor unit.



IDU designed for maximum comfort

Prioritizes your comfort, especially in high-occupancy situations; the design focuses on delivering an optimal indoor environment by significantly enhancing airflow.



Superior Heat Exchange

Ensures this with enhanced coil heat exchange efficiency, the application of a lanced fin and inner grooved copper tubes that are designed with a reduced tube diameter and an increased surface area for better transfer



High-Performance Condensate Drain Pump

Enhanced pump design for better lift to throw out water quickly. A safety float is incorporated in the drain pump to monitor its water level.



Silent Operation:

Provides a quiet and comfortable ambience with the help of anti-vibration pads, a SPECIALLY DESIGNED motor and the placement of the throttling device in the ODU.



Auto Mode

Ensures better comfort as the indoor unit's fan speed automatically toggles as per the temperature difference between the room temperature and set temperature.



Green Refrigerant

Uses R32, a low GWP (Global Warming Potential) refrigerant, in all models for greater efficiency and to better address the issue of global warming.



Energy Saver Mode

Enables the user to select default optimum conditions for better comfort and better energy savings.



TECHNICAL SPECIFICATION

MODEL	OGC-12C	OGC-18C	OGC-18L	OGC-24
Capacity Cooling Nominal (Btu/hr)	12000	18000	18000	23700
Voltage, Frequency, Phase V-, Hz Ph	220/50/1	220/50/1	220/50/1	220/50/1
Input Watt	1350	1850	1850	2150
Air Flow Volume (Hi/Lo) M3/h	830/730	930/730	1000/830	1050/900
Noise Level(Hi/Lo) dB/(A)	39/36	43/40	43/40	43/40
Indoor Unit (WxHxD) mm	580x254x580	580x254x580	840x230x840	840x230x840
Panel	650x30x650	650x30x650	950x40x950	950x40x950
Outdoor Unit	772x540x254	772x540x254	772x540x254	845x650x310

TECHNICAL SPECIFICATION

MODEL	OGC-30	OGC-36	OGC-48	OGC-60
Capacity Cooling Nominal (Btu/hr)	30000	36000	48000	60000
Voltage, Frequency, Phase V-, Hz Ph	220,50,1/400,50,3	400/50/3	400/50/3	400/50/3
Input Watt	2700	4200	4650	5650
Air Flow Volume (Hi/Lo) M3/h	1050/900	1600/1420	1750/1500	1900/1750
Noise Level(Hi/Lo) dB/(A)	43/40	47/44	47/44	52/48
Indoor Unit (WxHxD) mm	840x230x840	840x310x840	840x310x840	840x310x840
Panel	950x40x950	950x40x950	950x40x950	950x40x950
Outdoor Unit	845x650x310	935x812x400	935x812x400	950x1260x360

Remarks

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ONE-WAY CASSETTE AIR CONDITIONER



Features of One Way Cassette Air Conditioner



Switchable Fan Speed: High/Low



COMPACT



DRAIN PUMP MECHANISM



QUIET



AUTO SWING



100% COPPER



LONG AIR THROW



TECHNICAL SPECIFICATION

MODEL			OG-520WC	OG-700WC
Power Supply			1 phase, 220-240V, 50Hz	
Cooling 1	Capacity	kW	5.2	7
	Input	W	1750	2250
Heating 2	Capacity	kW	N/A	N/A
	Input	W	N/A	N/A
Indoor Fan Motor	Type		AC	
	Quantity		1	
AirFlow Rate (H/M/L)		m3/h	792/688/549	933/749/592
Sound pressure level (H/M/L)3		dB (A)	42/40/36	44/41/37
Refrigerant type			R-410A /R-32	
Dimension (WxHxD) Indoor / panel		mm	1275x189x450 / 1350x25x505	
Dimension (WxHxD) Outdoor		mm	840x540x300	895x650x368
Net Weight Indoor / Outdoor		kg	18.8/355	19.5/55
Pipe Connections	Liquid Pipe	mm	06.35/ 09.52	
	Gas Pipe	mm	12.70 / 15.88	
	Drain Pipe	mm	25	

Remarks

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DUCTABLE AIR CONDITIONER



Features of Ductable Air Conditioner



INSTALLATION EASE

Quick lock fittings ensure quick & easy installation.



ELECTRONIC REMOTE CONTROL

The system has microprocessor based remote control for precise temperature setting.



HIGHLY RELIABLE

Scroll compressor technology with built-in compressor protection for higher efficiency, minimal noise, enhanced reliability/ fault tolerance, easy installation and longer service life.



FLEXIBLE AIR-DISCHARGE OPTION*

Its unique, multiplex configuration helps you switch discharge from horizontal to vertical & vice-versa depending on where you wish to place the indoor (applicable for 8.5Tr IDU only) unit.



ENERGY EFFICIENT

High power saving compressor configurations. Its dual sine wave fin pattern and internally grooved copper tube gives high performance.



EASY SERVICING

The outdoor unit design ensures easy servicing of compressor. Bottom panel of indoor unit are easily removable for convenient adjustment or replacement of motor or housing.



EFFICIENT DESIGN

Direct driven DIDW fan provides powerful air throw for uniform distribution over large area and operates silently. Powder coated units give durability to air conditioners.



EFFICIENT PERFORMANCE

Thermostatic expansion valve adjusts refrigerant flow to cater to variations in heat load and make the system more efficient over a broader temperature range.



TECHNICAL SPECIFICATION

MODEL	OG-MTB-18C	OG-MTB-24C	OG-MHC-36C
Capacity Cooling Nominal (Btu/hr)	18000	24000	36000
Voltage, Frequency, Phase V-, Hz Ph	220/50/1	220/50/1	400/50/3
Input Watt	2100	2550	4100
Air Flow Volume M3/h	1000	1320	1810
External static Pressure Indoor pa	42	45	50
Noise Level(Hi/Lo) dB/(A)	42	45	46
Indoor Unit (WxHxD) mm	935x260x597	935x272x597	1000x298x800
Outdoor Unit (WxHxD) mm	790x540x245	840x690x330	965x356x705
Weight (Indoor/Outdoor) kg	28/28	28/58	58/98

TECHNICAL SPECIFICATION

MODEL	OG-MHC-48C	OG-MHC-60C	OG-MHC-96C
Capacity Cooling Nominal (Btu/hr)	48000	60000	96000
Voltage, Frequency, Phase V-, Hz Ph	400/50/3	400/50/3	400/50/3
Input Watt	5000	6000	10000
Air Flow Volume M3/h	2070	2700	5000
External static Pressure Indoor pa	70	70	70
Noise Level(Hi/Lo) dB/(A)	47	50	54
Indoor Unit (WxHxD) mm	1000x298x800	1295x298x800	1650x520x850
Outdoor Unit (WxHxD) mm	905x1145x155	950x1145x355	905x1145x335 X 2
Weight (Indoor/Outdoor) kg	58/98	58/125	105/125 X 2

Remarks

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FLOOR STANDING AIR CONDITIONER



Features of Floor Standing Air Conditioner



STYLISH DESIGN



POWERFUL AIRFLOW



QUIET MODE



DRY MODE



EASY MAINTENANCE



ELEVATED AESTHETICS



TECHNICAL SPECIFICATION

MODEL		OG-24FCC	OG-48FCC	OG-60FCC
Voltage, Frequency, Phase V-, Hz Ph		1,220,50	3,380-440,50	3,380-440,50
	2.0	2.0	4.0	5.0
Capacity Nominal (W)	Cooling	24000	48000	60000
Input (W)	Cooling	1980	5200	5800
Current (A)		9.0	7.3 (per Phase)	8.3 (Per Phase)
Interior Dimensions (mm)	Indoor Unit	547*1755*330	610*1930*380	610*1930*380
Exterior Dimensions (mm)	Outdoor Unit	880*650*335	935*812*400	935x812x400
Net Weight (kg)	Indoor Unit	38	56	56
	Outdoor Unit	68	98	98
Air Flow (m3/h) (CFM)	Indoor Unit	529	1180	1220
Sound Level (dB)	Indoor Unit	48	55	55
Refrigerant Piping (mm)	Liquid Line	9.5	9.5	9.5
	Gas Line	15.8	19.05	19.05

Remarks

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SURVIVOR AIR CONDITIONER



Features of Survivor Air Conditioner



SPECIALLY DESIGNED FOR DUSTY AREA



20 MICRON AIR FILTER



POWERFUL AIR FLOW



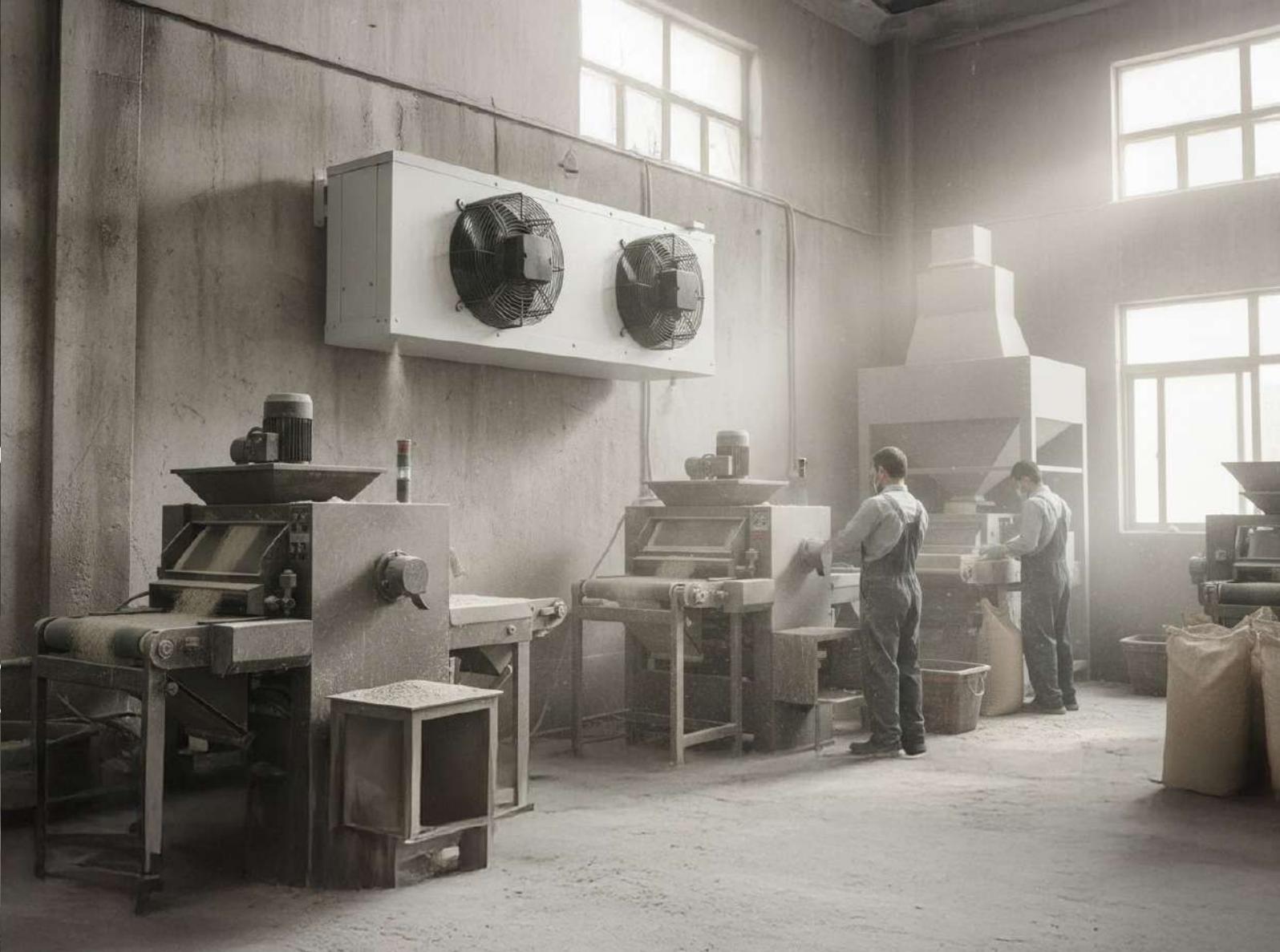
REMOTE CONTROL OPERATION



BIGGEST OUTDOOR IN INDUSTRY



WORK UP TO 52°C



TECHNICAL SPECIFICATION

MODEL	OG-SV24
Capacity Cooling Nominal (Btu/hr)	2400
Voltage, Frequency, Phase V-, Hz Ph	220,50,1 380-415-50,3P
Input Cooling (W)	2550
Current Cooling (A)	11.5/4.2
Indoor Unit (WxHxD) mm	444x1378x229
Outdoor Unit (WxHxD) mm	990x1010x350/895x650x368
Net Weight (Indoor/Outdoor) kg	IDU 30- ODU 78/62
Air Flow Volume M3/h	1850
IDU/ODU Sound Level (H/M/L) dB	56/60
Air Flow Volume M3/h	1850
Refrigerant Charge	R-22
Operation Temp Range (C)	52 C

Remarks

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OUR CLIENTS

 Union Bank of India	 Bank of Baroda	 SBI	 केनरा बैंक Canara Bank	 पी.एस.बी.
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 NABARD	 UNIVERSITY OF DELHI विद्या ऽ प्रति: सत्यम्		 आ.जी.उ.वि. - कृतवती कला विद्या. D.U. GORAKHPUR UNIVERSITY	 सत्यं त्वं पूजनं अणुवणु केन्द्रीय विद्यालय संगठन
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