

#### **HAVELLS INDIA LIMITED**

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#### VISIT US AT: WWW.MYLLOYD.COM



Air Conditioners falls under e-waste category. Don't mix electronic waste with other waste, for proper disposal of e-waste kindly visit www.mylloyd.com/about-us/social-initiatives

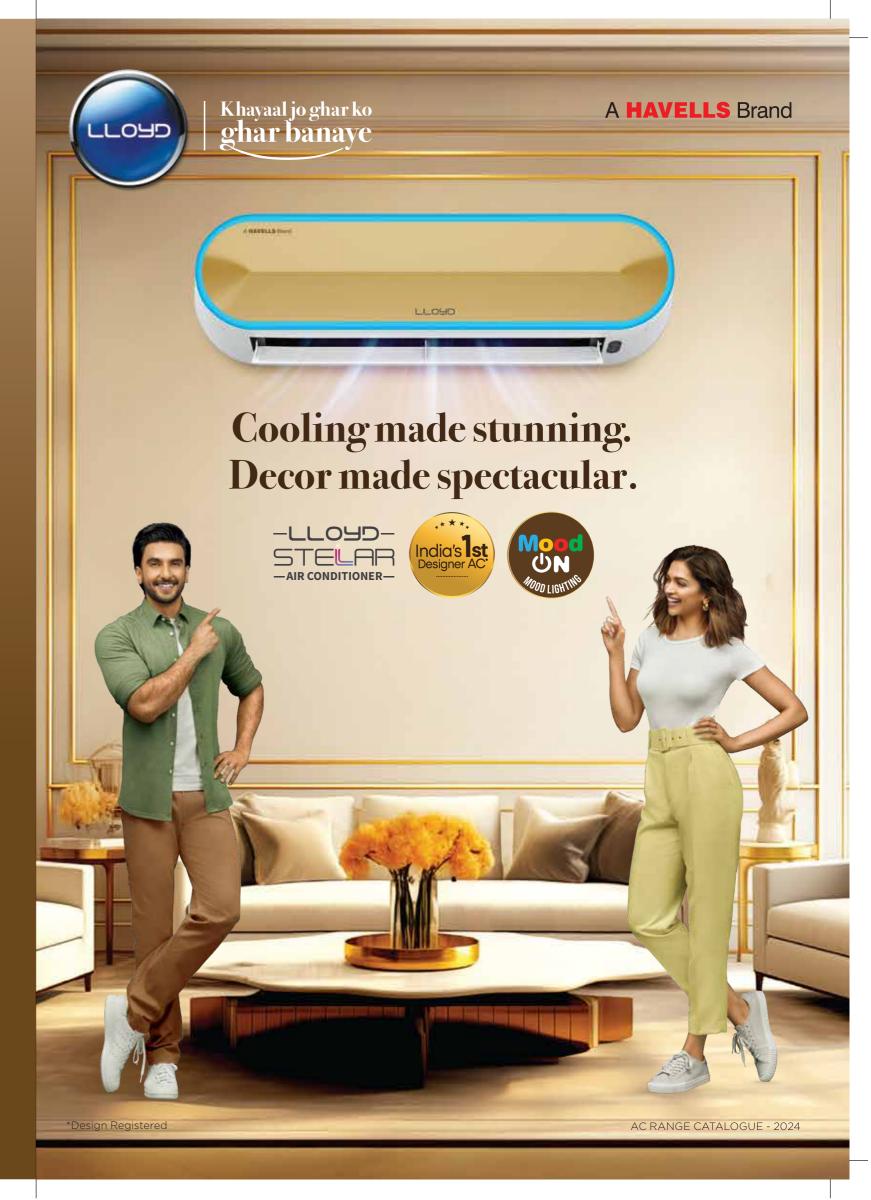
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Reach us on WhatsApp @ +91-9711773333 | For CARE 360, Call us at: Customer Care No.: 0804-577-5666



# **ABOUT HAVELLS**

Luminaires for Domestic, Commercial, and Industrial during various national calamities like the Bihar Flood, Applications.

consists of 5970 professionals, over 14,000 dealers, and 35 to always think ahead. branches in the country. Our products are available in 60 Today, over 700 Havells Galaxies across the country are and abroad. helping customers, both domestic and commercial, to choose from a wide variety of products for different applications. Havells became the first FMEG Company to offer doorstep service via its initiative 'Care 360.' Thanks to the quality of products and quicker service, it has a minimum number of customer complaints and the highest customer satisfaction.

Today, Havells, along with its brands, has earned the distinction of being the preferred choice of electrical products for discerning individuals and industrial consumers both in India and abroad. Havells offers the same quality products for both Indian and international markets. It is committed to keep powering the world with its state-of-the-art innovations and energy-efficient solutions. Currently, over 90% of its product offerings are energy efficient and manufactured in-house.

Havells India Limited is a leading Fast Moving Electrical Social and environmental responsibility has been at the Goods (FMEG) Company and a major power distribution forefront of Havells' operating philosophy, and as a result, the equipment manufacturer with a strong global presence. company consistently contributes to socially responsible Havells enjoys enviable market dominance across a wide activities. For instance, the company is providing midday spectrum of products, including Industrial & Domestic Circuit meals in government schools in the Alwar district, covering Protection Devices, Cables & Wires, Motors, Fans, Modular more than 63,000 students per day. The group company, Switches, Home Appliances, Air Conditioners, Electric Water QRG Healthcare, runs a 140-bed hospital in Faridabad. In the Heaters, Air Purifiers, Power Capacitors, CFL Lamps, and past, the company has generously contributed to society Tsunami, and Kargil National Relief Fund, etc. The essence of Havells' success lies in the expertise of its fine team of Today, Havells owns some of the most prestigious brands like professionals, strong relationships with associates, and the Havells, Lloyd, Crabtree, Standard, and Reo. Its network ability to adapt quickly and efficiently, coupled with the vision

countries. The company has 14 state-of-the-art The company has acquired a number of certifications, such as manufacturing plants in India located at Haridwar, Baddi, 27001, EURO, EMA, BASEC, UL, ISO 9001, ISO 14001, ISO Sahibabad, Faridabad, Ghiloth, Alwar, and Neemrana, 45001, ISO 50001 for the Cable Plant. Our test laboratory has manufacturing globally acclaimed products synonymous the NABL accreditation for testing cables and calibrating with excellence and precision in the electrical industry. The testing equipment. Today, Havells and its brands have company pioneered the concept of an exclusive brand emerged as the preferred choice of electrical products for showroom in the electrical industry with 'Havells Galaxy.' discerning individuals and industrial consumers both in India



# MAKE IN INDIA **PHILOSOPHY**

At Havells, we believe in making a difference by Havells is a certified Water Positive organisation touching every aspect of our consumers' life through the products we make.

Since the very beginning, all our products have been manufactured keeping in mind the highest standards of quality & innovation, so that they meet the world-class standards that our consumers demand. And this legacy continues unwaveringly when it comes to Lloyd Air Conditioners too.

As an organisation that's committed to the philosophy of 'Make in India,' we manufacture over 95% of our products in-house. We not only focus on productivity but also work towards creating a harmony between manufacturing output and efficiencies that deliver social, economic, and environmental sustainability.

with four Zero-Water Discharge facilities. We recycle water used in our manufacturing facilities, purify it, and supply it to the villages around the manufacturing plants.

We have adopted world-class technology and automation to ensure that we manufacture with efficiency and emphasis on conservation of energy & water in a sustainable manner.

We pursue the methodology of total quality management to improve product quality while recycling and reusing our waste materials.

# CENTRE FOR **RESEARCH & INNOVATION**

 Our R&D Centre based in Noida does the core designing using 3D CAD & other simulation software.

These designs are transferred to the R&D test lab and other testing facilities where our engineers are continuously verifying and validating the performance & reliability of each design to create superior products as per Indian market conditions.

 At Ghiloth, we have invested heavily in setting fully-automatic computer controlled, Psychometric Test Labs. These labs are capable of maintaining temperatures of +5 °C to +60 °C for indoor unit and -15 °C to+60 °C for outdoor unit testing. They are also capable of maintaining humidity levels varying from 30% RH to 92% RH in both indoor & outdoor units test areas.

- During the design phase, 24 different tests are conducted, of which 15 tests are specially designed to simulate Indian climatic conditions of high temperature and high humidity.
- Post the developmental testing, products are subjected to a month-long rigorous testing at high outside temperatures and also high & low voltage conditions.



# ECO-FRIENDLY, FULLY INTEGRATED, &

# **ROBOTIC MANUFACTURING**

better place reflects not just in our state-of-the-art products, but in our environment-friendly practices too. Our latest fully-robotic manufacturing plant for Lloyd ACs is a testimony to that. An industry's first, this world-class manufacturing plant is spread in an area stretching 202343 m<sup>2</sup>, in Ghiloth, Rajasthan. It harnesses solar energy for its functioning and is designed in an eco-friendly manner.

With a capacity to manufacture 1 Million units a year, this manufacturing plant is equipped with

Our commitment to make the world a happier and high-tech machines from Japan and Europe, and stands at par with any modern manufacturing plant in the world.

> What's more, this one-of-its-kind manufacturing plant does not only present a glimpse of Lloyd's immense manufacturing capabilities, but also produces 1000 MW of electricity using solar energy, part of which is provided to the

# **ABOUT SRI CITY** LLOYD MANUFACTURING PLANT

growth aspiration of tapping into the larger women hold ~80% of the shop floor positions at this plant. consumer durables opportunity. This new greenfield manufacturing plant has the capacity to produce 1 million ACs per year. With this addition, the brand has now 2 million ACs per year capacity (including Ghiloth). Sri City plant is fully integrated and

Havells expanded its manufacturing base with the best-in-class plant with majority of the parts produced addition of Lloyd AC plant in Sri City, Andhra in-house. The use of robotic points and AGVs ensures Pradesh, India. The new manufacturing plant is deskilling of operation and lower manual dependence spread across 45 acres in the most modern thereby delivering high productivity at global quality industrial area of South India at Sri City near standards. The brand has undertaken meaningful efforts Chennai. While the plant is expected to double the to foster diversity in the workforce. As a progressive step AC production capacity, it will also expand the to maximise gender diversity, company plans to make the manufacturing presence into the southern region of new Sri City plant a role model, by targeting close to India. The capacity expansion is aligned with Havells inducting 100% women on the shop floor. Presently,



# INTEGRATED MANUFACTURING OVERVIEW



#### **PRESS SHOP**

Lloyd Air Conditioners are made at India's first ever, Fully Automated line i.e. with Robotic Press Machines which provide excellent control over quality and timely deliveries. All metal sheet parts are made with best grade raw materials.



#### PAINT SHOP

With a high-speed integrated Paint Shop Line imported from Italy, Llyod possesses the capability to paint / powder coat 3000 sets per day. This 100% Eco-friendly unit not only cares for the 'environment' but also provides uniform paint & an elegant finish to the product. It also goes a long way in enhancing product durability.



#### INJECTION MOULDING

All important plastic parts like Front Fascia, Louver Grill, Base, Frame and the Maintenance Plate of every Lloyd Air Conditioner is made with fully automated, Japanese, Injection Moulding Machines. Also, in order to offer complete precision and mesmerising aesthetics we design our moulds in-house besides importing other moulds from Japan.



#### **HEAT EXCHANGER LINE**

The heart of the AC manufacturing process is where the Copper Heat Exchangers (Evaporator & Condensers) are made on fully automated machines imported from Japan & Korea. All the important & major processes like Hair Pin Bending, Fin Press, Expanding, Dehydration, Brazing, Vacuuming, Slitting and Stacking are also done in-house on fully automatic CNC machines.

#### **COPPER TUBING**

The most critical process of Copper Tubing is done in a single step through a fully automatic machine process (without any human intervention). This process includes CNC Tube Cutting, U Bend, Suction Pipe, Discharge Pipe, Capillary and the Installation Kit with Flared Joints.



#### PERFORMANCE TEST LOOP

Each and every ODU has to pass a 15 minutes procedure where it has to go through 44 fully automated tests parameters. The entire procedure is managed by a Smart Supervisory Control System which functions without any human intervention. Some of these tests are; Electrical Test, Cooling Functionality Test, Noise Test, PCB Controller Test (for Inverter ACs). These tests are carried out in order to ensure high quality, efficient and durable products with zero defect rate.



#### **ASSEMBLY LINE**

The fully automatic ODU Units Assembly Line includes multi-step processes like; Assembly, Brazing, Vacuuming, Gas Charging, Leak Safety and Performance Check before the final unit is moved to the next stage. Most operations are done through robots and a digital manufacturing system.



#### **PACKAGING**

The final stage of packaging is also fully automated through high-speed robotic machines. This adds High Productivity, Zero Damage along with speed and cleanliness to the manufacturing process. It also allows a more continuous process by eliminating human fatigue.



# LLOYD STELAR

#### LOOKS GOOD. PERFORMS EVEN BETTER.

Introducing Stellar Air Conditioner with the looks that you can't look away from. Designed to keep you cool and elevate your surroundings, Stellar boasts exceptional cooling performance to redefine your home's comfort quotient.

Its superior & elegant aesthetic is enhanced by captivating Ambi-Lighting (Multi-coloured LED Indications) that not only ensures convenience as it's Ambi-Light changes colours basis room temperature but also enhances consumer experience and ambience of the room as customers lighting requirements with its unique & 1st in industry feature of Mood Lighting. With its sleek design, it houses advanced IAQ Technology through its In-built Air Purifier that improves Indoor Air Quality, ensuring the air you breathe is pure and refreshing like a mountain breeze.

Safety is paramount, and Stellar doesn't disappoint. With features like High CO<sub>2</sub> Alert and Open Door Alert, it provides you with peace of mind & awareness about your ambient conditions through push notifications on Havells Sync App and also through Ambi-Lighting & Sound Alerts. Plus, it's versatile enough to keep you comfortable even in hottest weather with its 6-in-1 Expandable Feature in which this AC can go as low as 40% and as high as 125% of its capacity. Above all, this AC is capable to cool even when your outside temperature is as high as 60 °C.

Elevate your comfort with Stellar's premium & stylish remote handset which has been designed to give you extra comfort with "I-Feel" feature in which remote sends infrared signals to the AC about the temperature around it and makes AC adjust / improve cooling as per the desired temperature so that you can relax without breaking a sweat.

Imagine having this level of comfort at your command, literally! With your voice command you can effortlessly control your AC without involving any smart interface device or remote or mobile or data / WiFi, seamlessly integrating it into your smart home. And that's not all, it is a smart AC that can also be operated through external smart interface devices like Alexa & Google Assistant.

Don't miss the 2024 launch of Stellar by Lloyd - where elegance, comfort, style, and innovation unite to keep you cool.





# AMBI-LIGHTING **MULTI-COLOUR INDICATION**

The front panel of Stellar is equipped with a special multi-coloured LED Strip that not only enhances the aesthetics of the AC but also work in unison to its customers with an interactive & informative interface that ultimately gives an over whelming, soothing, effortless and real time experience of values & condition of air

# TEMPERATURE BASED **AMBI-LIGHTING**



Temperature based ambi-lighting indicates status of prevailing room temperature versus desired / set temperature. Yes, it ease off the customer from checking actual temp on the AC or in the App as ambi-lighting turns in Off White colour when desired / set temperature is not achieved, and the colour changes to Daylight Glow (Light Blue) when desired / set temperature is achieved. Ambi-lighting colour changes to Daylight Deluxe (Dark Blue) in colour in Turbo Cool mode i.e. when you need cooling faster.







# MOOD BASED Mood UN AMBI-LIGHTING





#### **ENLIGHTEN YOUR ROOM WITH THE COLOUR OF YOUR MOOD**

Unique in every way, Stellar also offers Mood Lighting in which you can simply change the colour of Ambi-Lighting to the colour of your mood / choice using Havells Sync App to enhance the beauty of the room with just a tap on the phone.

Users can not only select the colour of their choice from the available multiple colour options but can also adjust intensity of the mood lighting (lighter to brighter) through their smartphones.









**AVAILABLE MOOD LIGHTING OPTIONS AND SETTINGS** 

# BREATHE BETTER WITH



We know indoor air pollution degrades the Indoor Air Quality posing a serious threat to our health with up to ten times greater risk than outdoor air pollution. This is because pollutants can accumulate more densely in enclosed spaces.

Breathing polluted air can cause a range of health problems, from immediate discomfort such as eye, nose, and throat irritation, headaches, dizziness, and fatigue, to more serious long-term health problems such as respiratory ailments, heart disease, cancer, and other life-threatening conditions.

That's why it's important to prioritise Indoor Air Quality, even when you don't experience any noticeable symptoms.

To serve the need of the hour and to provide a fresh & clean breathing space to its esteemed & valued customers, Lloyd has introduced its Stellar Air Conditioners that not only let you control room temperature but also provides you with fresh & clean air. It's a smart AC that lets customers check the real time Indoor Air Quality & PM<sub>2.5</sub> status of the room through Ambi-Lighting strip colour indication on the panel of the AC with just a click of a button.



90% of our lives spent indoors



**2-10x** More pollution indoors than outdoors

#### **COMMON INDOOR AIR POLLUTANTS**



#### Airborne particles

from diesel exhaust, dust, smoke and other sources



#### Indoor formaldehyde

from building materials, furniture, cooking and smoking



# Household odour & gases

from activities such as painting, cooking and smoking



#### Ozone

from outdoor air (ground level ozone is harmful to breathe)



#### **Carbon Dioxide**

from people exhaling and cooking

# TYPICAL SCENARIO OF INDOOR AIR QUALITY

#### Bedroom

VOC's from perfumes, hairspray, nail polish, upholstery, furniture and carpet, dust mites in bedsheets



#### Living room

Animal hair dust and dander, tobacco smoke, diesel particles, VOC's from paint, varnishes, upholstery, furniture and carpet



#### Kitchen

Cooking devices, Fuel oil, utensil washing detergents, cooking smoke



#### Laundry room

VOC's from cleaning products, mould, midew, odours and other microbial pathogens



#### Bathroom

Mould, midew, odours and other microbial pathogens



#### **Outdoor air**

Particulate matters, pathogens, VOC's, odours and emmission





# IAQ LEVELS

Stellar comes with one of a kind in-built LED strips that change colour according to the different IAQ levels of the room, giving the user actual and real-time scenario of Indoor Air Quality. Not only that, customer also gets push notifications through Havells Sync App about real time IAQ levels in full detail in respect to all important pollutants with proper time-based track record for the day.

#### IAQ INDEX IN HAVELLS SYNC APP

Colour Indication	IAQ Values	PM 2.5	PM <sub>10</sub>	PM <sub>1.0</sub>	SO <sub>2</sub>	C0 <sub>2</sub>
Green	1 to 100	≤60	≤100	≤58	≤80	1 to 1000
Yellow	101 to 400	≥61 to ≤250	≥101 to ≤430	≥59 to ≤248	≥81 to ≤1600	1001 to 4000
Red	401 & Above	251 & Above	431 & Above	249 & Above	1601 & Above	4001 & Above

# IAQ LEVEL BASED AMBI-LIGHT INDICATIONS

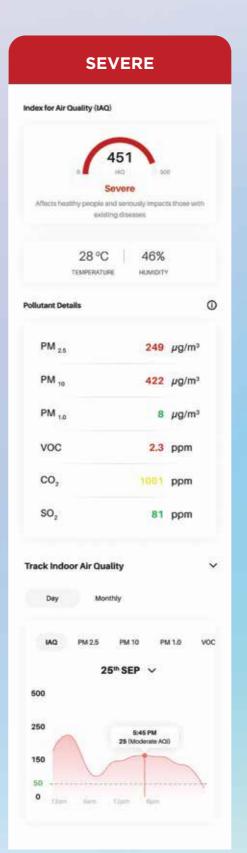


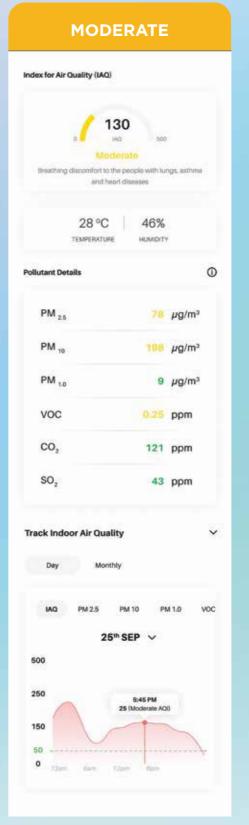


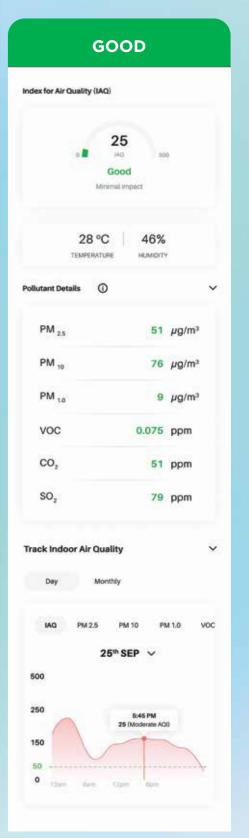




# EXAMPLES OF IAQ STATUS & COLOUR INDICATIONS ON A SMARTPHONE THROUGH HAVELLS SYNC APP







\*Pictures in this document may slightly vary from the actual appliances/product. Note: values are calculated from online resources.

# SMART A FOR SMARTER HOMES

Experience a smarter, more comfortable home with Lloyd's AI technology. Our AI recommends the perfect temperature, fan speed, and mode based on real-time weather data, ensuring your comfort is never compromised.

Not only this, its Al goes further by providing comprehensive performance evaluations, giving you insights into your energy usage and savings. It's like having a personal energy-saving advisor right at your fingertips.

The control of your AC stays with you even when you're not home. Lloyd app sends you convenient push notifications, keeping you informed about temperature recommendations and performance updates.

Experience a new level of smart living with Lloyd's Al technology.

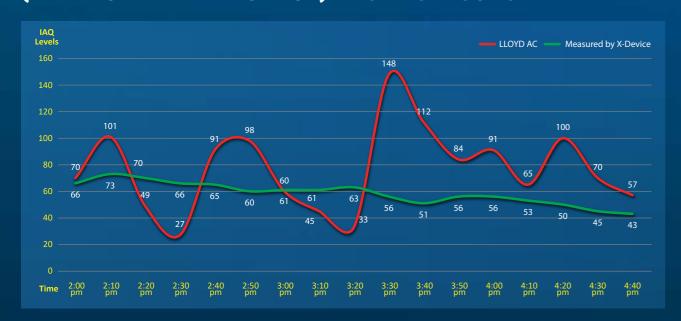
#### **INTELLISENSOR**

Super sensitive, latest generation AI (Artificial Intelligence) based sensors have been used to attain real-time sensing, these sensors are more accurate & highly sensitive than regular detecting devices.

#### THESE SENSORS ARE SPECIALLY DESIGNED TO SENSE

- IAQ and PM<sub>2.5</sub>
- Volatile Organic Compounds
- Carbon Dioxide (CO<sub>2</sub>)
- Indoor Temperature
- Indoor Humidity Levels (Relative Humidity)

# SUPER SENSITIVE LATEST GENERATION AI (ARTIFICIAL INTELLIGENCE) BASED SENSORS



The use of latest generation super sensitive AI sensors enables LLOYD Air Conditioner to quickly detect pollution levels with high precision and accuracy.

\* Disclamer: Tested under HIL lab test condition.

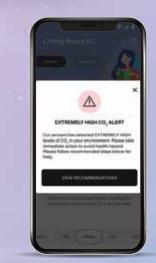


# HIGH CO<sub>2</sub> ALERT

Stellar Air conditioners are capable to continuously monitor CO<sub>2</sub> levels of the room on real time basis, even when it's not actively cooling. The system detects and promptly notifies the consumer through Havells Sync App of any alarming CO<sub>2</sub> levels, and for visual alarm to the user, ambi-lighting turns in red colour. As immediate remedy, user must open up all doors & windows for due air circulation, accordingly the CO<sub>2</sub> level should come down.









Lloyd's Stellar Air Conditioners can also detect open doors when it identifies sudden cooling loss. It alerts user by sounding a beep alarm. This is achieved through monitoring rising evaporator and room air temperatures, identifying abnormal room conditions like open doors or windows.





Have you ever thought of converting an Air Conditioner into an Air Purifier? Yes, it's very much possible now in Lloyds' Stellar where you can easily convert your AC into an Air Purifier and enjoy fresh & clean air. This flagship model of Lloyd is super equipped with the "ACP: AC Convertible to Purifier" feature.

With the change in weather or season from summer to winter, an AC normally becomes less used, however, Lloyd has played very smartly by applying 360° approach and making the perfect use of such non-usable or less useable AC which can be converted to an Air Purifier with just a click of a button. This is a real blessing against the constant increase in air pollution.

ACP function is more useful for Cool-Only models; however, it is also available in Heat-Cool models as well. In this, only the Indoor Unit of the AC functions, leaving the outdoor unit on standby mode hence compressor operations are not at all involved, due to which less than 60 W of power is utilized to give you fresh & clean air.

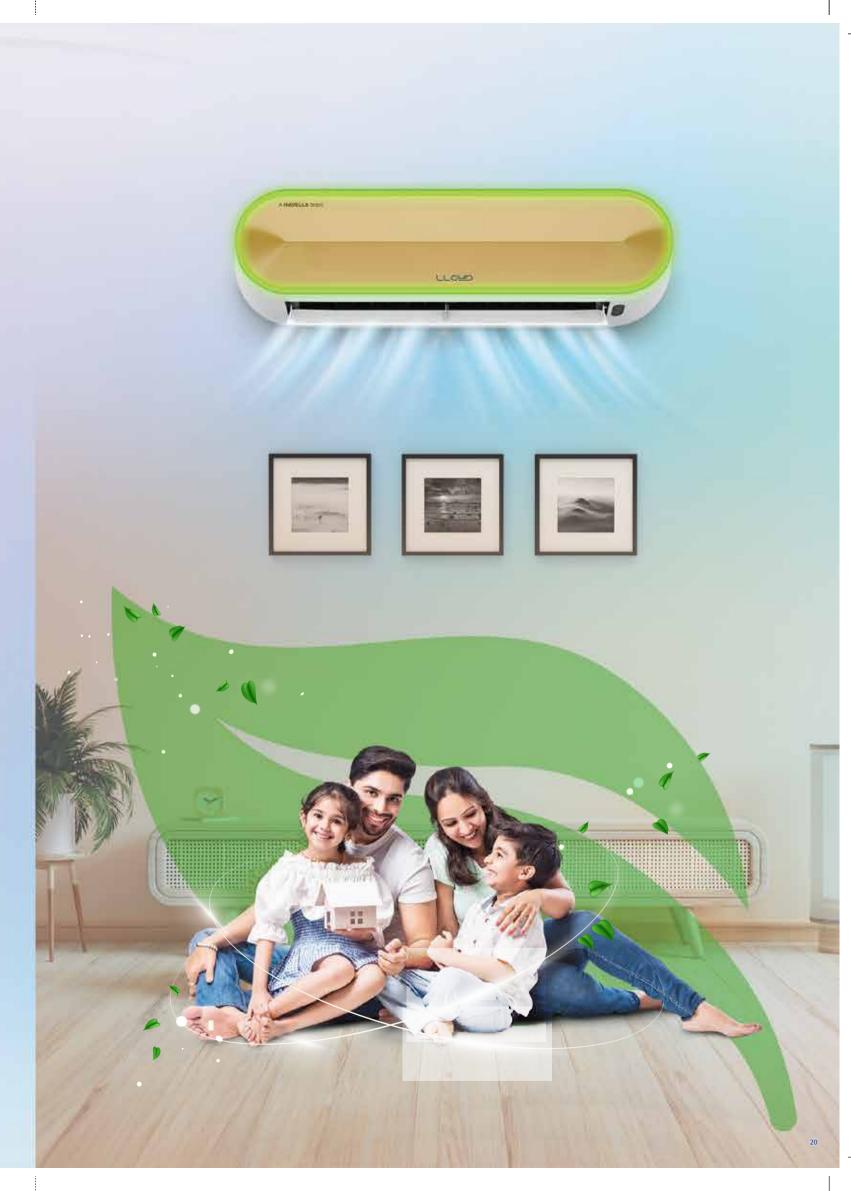
This is AI (Artificial Intelligence) based configuration; hence through installed Intelli-sensors, Plasma Protective Shield and Puro Air Ionizer will operate automatically i.e. switch on & switch off depending on the air quality of the room, basis which real-time IAQ values / levels can easily checked through Ambi-Lighting Color on the indoor unit of the AC and also through Havells Sync App. Automatic switch off & switch on of Plasma Protective Shield and Puro Air Ionizer also helps in enhancing its life span. Hence giving extra benefit to the end consumer. While air filtration, indoor fan speed operates in Auto Mode, by default; however, fan speed can always be adjusted as per the user's requirement including Turbo Mode which ensures a faster filtration process. A user is also free to use Display, Sleep Mode, and Timer Off mode (given on remote) as per the requirements. To ensure enhanced performance and an uninterrupted purification process "CL" (Clean Filter Indication) will appear on the indoor display panel whenever the air filter of the AC needs cleaning / washing.



Outdoor unit operations are not involved in "ACP Mode"

#### **How to start ACP Mode**

- In COOL or HEAT Mode, Press "IAQ" button for 10 seconds.
- ACP Mode will start processing. 'Pu' will appear on the side panel.
- Ambi-Lighting on indoor panel unit will not reflect any colour till the time of sensor calibration.
- Detailed values of IAQ will appear on Havells Sync App on real time basis.
- Ambi-Lighting on indoor panel unit will show colour strip basis IAQ and PM2.5 by using toggle switch.
- How to exit ACP Mode:
  - •Power off button on remote
  - •Long press IAQ button on remote



# PLASMA PROTECTIVE SHIELD

"Stellar" Air Conditioners from Lloyd are equipped with a unique Plasma Generator which generates multiple cloud / cluster of high energy plasma electrons. These electrons combine with air in the room to form different kinds of reactive elements like OH Radicals, Oxygen Radicals, Active Oxygen lons, and Active Nitrogen lons having high decomposition power and thus help creating a clean & healthier environment. For example, OH Radicals help in reduction of Bacteria (<10  $\mu$ m), Moulds (<10  $\mu$ m) & Virus (<0.1  $\mu$ m) and Active Oxygen lons help in reduction of Pollens (> 10  $\mu$ m), PM2.5 particles (< 2.5  $\mu$ m), PM0.3 particles (< 0.3  $\mu$ m), hence giving 99.9% fresh & clean air. It also helps in removing bad odour and reducing VOC (Volatile Organic Compounds) which are harmful for human beings.



# WORKING & PERFORMANCE OF PLASMA PROTECTIVE SHIELD





Active Oxygen helps in providing Clean Air PM<sub>2.5</sub> & PM<sub>0.3</sub> OH Radicals reduces VOC & Bad Odour

OH Radicals reduce Virus by 99.9% & Bacteria by 99.6%



\*Test certified by NABL Lab. All results are based on specific test conditions of continuous running in a 28.31 m<sup>3</sup> chamber. 99.9% Clean Air - PM<sub>0.3</sub> - in 24 hours, 99.9% Virus Reduction - in 30 hours, 99.6% Bacteria Reduction - in 26 hours. 99.2% Fungal Reduction - in 26 hours. Actual results may differ depending on the conditions of the product installation and usage.



# PURO AIR IONIZER



This "Stellar" ACs comes with unique "Puro Air Ionizer". Negative Ions released by the Ionizer gets attached into the air to tiny particles (some of them are not visible from naked human eye) and gives them electrical charge causing them to clump together and land on surfaces like walls, ceilings, floors, tabletops, curtains, carpets & rugs and metal collector plates in the devices, etc.

Once the particles have landed on something, they can easily be cleaned up. The sensor parallelly senses, evaluates and then indicates the actual & improved room air quality status at just a click of a button. Sensor will give different indications at different levels of PM<sub>2.5</sub> in the room. Thereby, giving our customers cleaner & healthier air. This all will happen while the actual level of PM<sub>2.5</sub> is being displayed on the indoor panel.

# WORKING & PERFORMANCE OF PURO AIR IONIZER





Negative Ions" reduces PM<sub>2.5</sub> particles by 99.9% and PM<sub>0.3</sub> particles by 99.8%



\*Test certified by NABL Lab. All results are based on specific test conditions of continuous running in a 28.54 m<sup>3</sup> chamber. 99.9% reduction of PM<sub>2.5</sub> particles in 24 Hours and 99.8% reduction of PM<sub>0.3</sub> particles in 24 Hours. Actual results may differ depending on the conditions of product installation and usage.



# DIRECT VOICE COMMAND

Imagine an AC that can be operated using just your voice, without any remote!

Yes, the upcoming Stellar Series AC from Lloyd is all set to make life easier and smarter for you. All you need to do is say 'Hello Lloyd' as a wake-up word, and then command it to operate according to your requirements. This means you don't need a remote, smart phone, smart interface device, or WiFi to execute your commands.

No more running around for a remote or searching for batteries! Just use your voice from distance of up to 8 m in a silent area and 5 m in a normal room scenario to get your AC work for you. To avoid misuse, dedicated mute button has also been provided on the remote.



## Wake Word "Hello Lloyd", Commands Supported:

SETTINGS	COMMAND	ACTION	
Daway Sattings	Turn ON	AC switches On	
Power Settings	Turn OFF	AC switches Off	
Tomporature Cottings	Increase Temperature	Teperature Increases by 1 °C	
Temperature Settings	Reduce Temperature	Teperature Reduces by 1 °C	
Fan Speed Settings	Increase Fan Speed	Fan Speed Increases by 1 Step	
Fan Speed Settings	Reduce Fan Speed	Fan Speed Reduces by 1 Step	
	Auto Mode	AC Switches to Auto Mode	
Ambient Cettings	Dry Mode	AC Switches to Dry Mode	
Ambient Settings	Cool Mode	AC Switches to Cool Mode	
	Heat Mode*	AC Switches to Heat Mode	

\*Applicable in Heat Pump AC Model Only

# **NOT REQUIRED**













# HAVELLS SYNC APP



In this digitised & smart world, one needs to be as smart as Lloyd's Stellar of Air Conditioners. That enables you to check IAQ (Index for Indoor Air Quality) of a room in real-time on your smartphone via Havells SYNC App, where all real-time values of respective parameters like Room Temperature, Humidity Levels, IAQ, PM2.5, CO<sub>2</sub>, & VOC of a location/room gets indicated & displayed in no time.

Most importantly, a customer will also get push notifications of "Health Alerts" based on IAQ & CO<sub>2</sub> levels inside the room.

Stellar of Lloyd AC's is specially designed to provide Real Time Information of Index for Indoor Air Quality of the room with no time delay. Its accuracy can also be cross checked on:

- Ambi-Lighting of indoor unit of the AC provides colour indication basis IAQ Levels of
- Your smartphone reflects all parameters of IAQ Level in detail along with its values
- History of IAQ Levels can also be checked in bottom of the table





# OVER THE AIR UPGRADES - OTA (IDU)

- enhanced with an exceptional feature -the ability to remotely upgrade the firmware of the IDU (Indoor Unit) controller right in the field, through over-the-air updates.
- OTA stands for Firmware Over The Air, the system has been enhanced with an exceptional feature –the ability to seamless and efficient updates to address critical bug and for enhancing the capability or introduce exciting new features. It ensures that your system remains at the forefront of technology, guaranteeing optimal performance and functionality.



# PROTECTIVE EARTH DETECTION INDICATION - PE

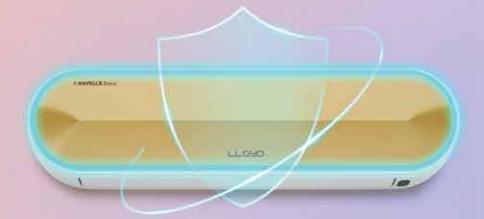
- Lloyd's Stellar comes with Protective Earth Fault Detection feature, which detects the fault in earthing and absence of earthing in the AC unit.
- In the event of unsatisfactory earthing, IDU unit will display "PE" code without effecting AC's operation. This "PE" code serves as a user notification indicating that the Protective Earth requires attention, hence ensuring safety without any operational disruption.

BENEFITS

Uninterrupted Performance

**Enhanced Safety** 

Accurate Error Reporting



# VOLTAGE FLUCTUATION INDICATION - P3

- Lloyd's Stellar is designed to check and measure voltage fluctuation on a real time basis.
- If unit senses major voltage fluctuation multiple times then following code will appear on IDU
  - P3-01 in case of High Voltage
  - P3-02 in case of Low Voltage





 Prolong operation of the air conditioner's controller and compressor in high or low voltage might result in part malfunction.



# AUTO BREEZE MODE

- If your AC is running at High or Medium fan speed, you'll experience a delightful surprise of strong throw of cold wind from the air conditioner at preset intervals. This also help to chill the room faster.
- This unique feature is designed to mimic the invigorating sensation of cool mountain or hillside winds, adding an extra layer of comfort to your indoor environment. It's like bringing a touch of the great outdoors right into your room.



# AERO DYNAMICS



#### **PRECISION CONTROL SMART 4 WAY SWING**

Lloyd's Stellar Air Conditioners are equipped with precision air swing control in which by adjusting the Horizontal Swing and Vertical Swing settings, users can precisely control the air flow, ensuring it reaches exactly where they want it.

## 4-STEP

#### **Horizontal Swing Adjustment**

- H- SWING offers 4 air flow options, when "H- SWING" key is pressed, Horizontal Swing flows air in 50°angle.
- On each press of H- SWING button, swing icon works as per the cycle shown:-

H-Swing will works in following Cycle						
First time single press H- swing button	Auto					
On next press of H-Swing	,	Position 1				
On next press of H-Swing	<b>\rightarrow</b>	Position 2				
On next press of H-Swing	٥	Position 3				

## 9-STEP

#### **Vertical Swing Adjustment**

- V-Swing offers 9 air flow options, when "V- SWING" key is pressed, Vertical Swing flows air in 0° ~ 90° angle from its installed position.
- On each press of V- SWING button swing icon works as per the cycle shown:-

V-Swing will works in following Cycl							
First tin V- swin	ne single press g button	图	Auto				
	On next press of V-Swing  On next press of V-Swing		Position 1				
			Position 2				
			Position 3				
			Position 4				
			Position 5				
On next V-Swing	press of	U\$	UP THREE				
On next V-Swing	press of	學	MID THREE				
On next V-Swing	press of	图	DOWN THREE				

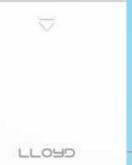
# PREMIUM REMOTE HANDSET



The new remote handset is equipped with an I-Feel sensor in which the remote senses the real-time room temperature around it and transmits infrared signals to the AC indoor unit. It then adjusts its operation to achieve the desired room temperature.







- Premium Aesthetic.
- Remote with realtime clock.
- Minimalistic LCD Icons.
- Coloured Negative LCD Display.
- Keypad band with Backlight.
- Most common buttons as always visible.
- Hidden Keypad for additional features.
- I-Feel Sensor.
- Remote with touch Sensor.

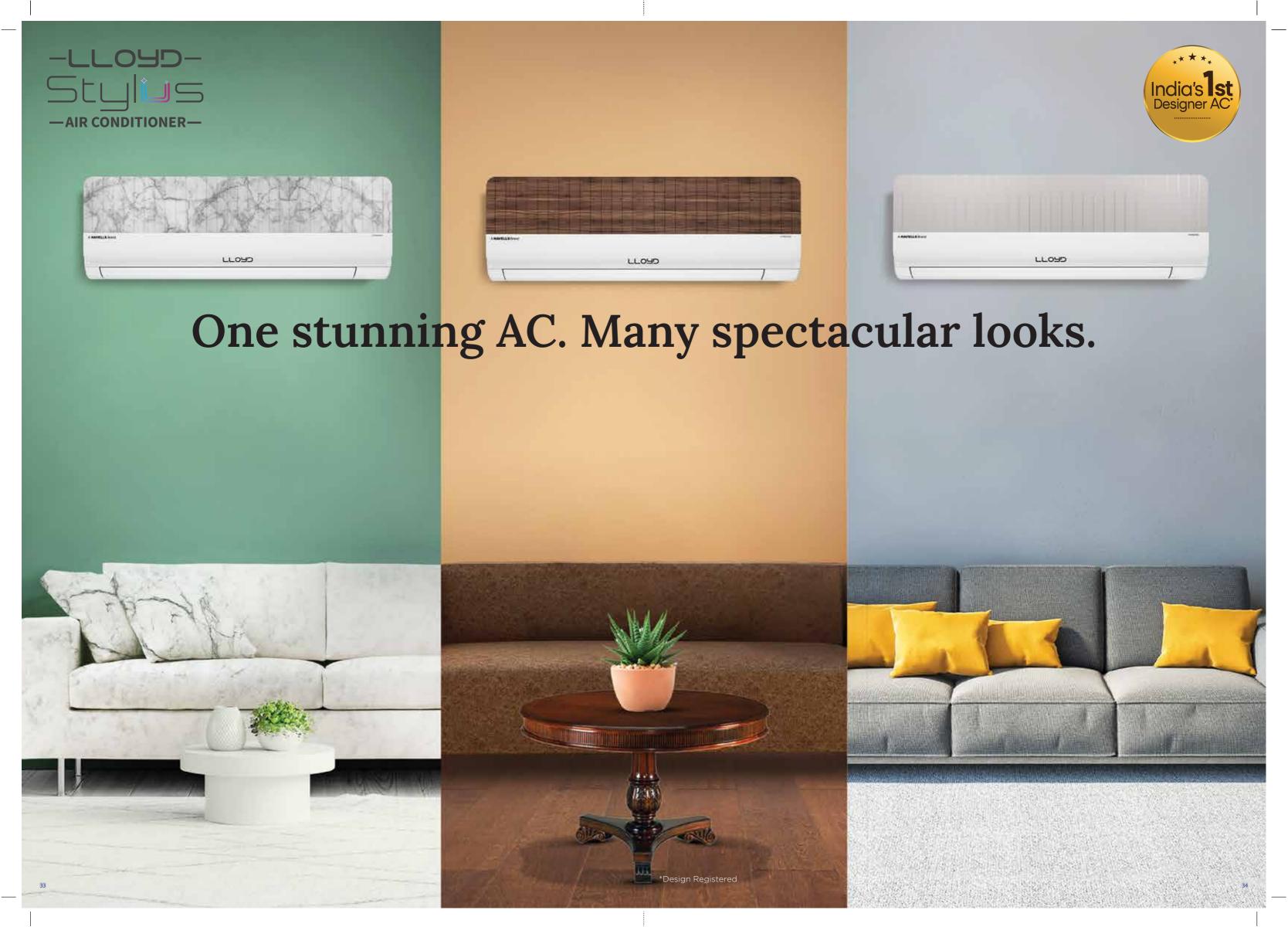








3



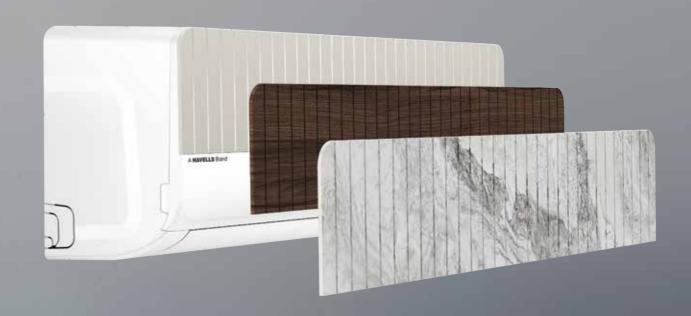


Have you ever thought of changing your AC whenever you have changed your wall paint, flooring, or curtains? "Yeah, not really," as that adds significant expense to your budget for building a house or even for renovations.

But Lloyd has made it very easy to do with its all-new "India's 1st Designer AC: Stylus," offered at a very nominal cost. This model features a unique DIY (Do It Yourself) option for changeable fascia, allowing you to easily choose or change the AC's appearance to match your interior décor, such as wall paint, flooring, or even curtains.

That's not all. You can even change the looks or fascia of the AC whenever you feel like it, choosing from the multiple options of coloured, marble, or wood panels available in the range.

Lloyd's Stylus is a smart AC in the truest sense, which, besides having built-in Wi-Fi, also offers many other unique and important features. These include Automatic Humidity Control and a 6-in-1 Convertible AC, allowing you to adjust the unit's capacity depending on the required cooling, i.e., the heat load.



# ONE STUNNING AC. MANY SPECTACULAR LOOKS.



Detach front fascia



Choose from beautiful fascias (Wood, Marble, Colours)



Attach chosen one

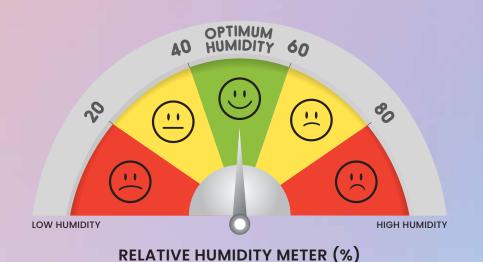


# **AUTO HUMIDITY CONTROL**

It is yet another state-of-the-art technology product from Lloyd. This newly launched series of Inverter Air Conditioners offers unique 'Auto Humidity Control' feature (patent pending) to provide the ultimate cooling comfort with precise humidity control.

Lloyd's Intelli-Logic comes with a unique Humidity Sensor which senses relative humidity inside the room **on real time basis** along with the temperature, and intelligently adjusts the AC logic to provide optimum humidity levels at the desired room temperature. This means, **it automatically adjusts the humidity level** in contrast to conventional technology, as a conventional AC either works on cooling / auto mode where it does not maintain Relative Humidty Level, or it works on dehumidifying / dry mode where desired room temperature is not maintained.

In high humidity conditions like monsoon or in coastal areas where Relative Humidity level is normally much more than 70%, this AC performs higher dehumidification and brings down humidity to the optimum level i.e. within the range of 40% to 55% at the desired room temperature. Whereas, in heat prone areas like a city in plains or deserts, this AC gives higher cooling performance with minimal dehumidification and hence maintains optimum humidity. Even The ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) guideline on temperature recommends 22 °C to 27 °C in the summer and 30% to 60% for optimum relative humidity (RH) levels.





\*Above results shown are with air infiltration load

\*Testing in HIL Lab test conditions

With reference to graphs shown it is clearly implicated that Intelli-Logic AC maintains perfect balance of desired room temperature and optimum / best Relative Humidity Levels (suitable for human beings). In addition, it also helps in preventing growth of various micro-organisms which might lead to harmful diseases that get triggered in High Humidity & a Humidity, respectively.

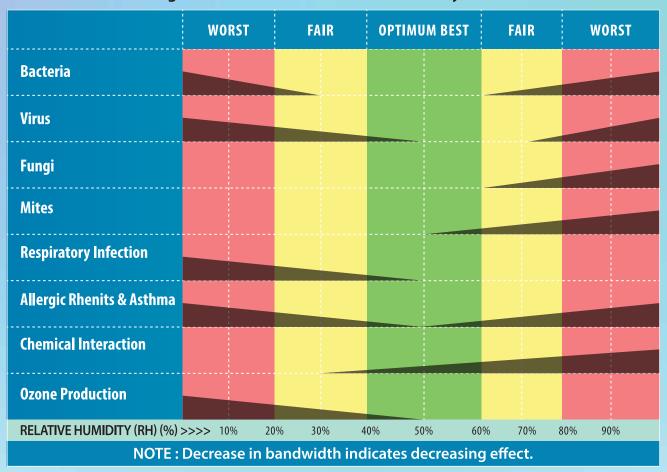
#### **EFFECTS OF LOW HUMIDITY**

- Respiratory infections
- Severity of allergic and asthmatic reaction
- Survival & transmission of influenza virus
- Dryness of skin and mucous membranes in nose / throat & eyes
- Irritation in eyes

#### **EFFECTS OF HIGH HUMIDITY**

- Abundance of allergenic mites and fungi
- Conc. of formaldehyde which leads to irritation in eyes, nose & throat
- Conc. of acids & salts like sulfur & nitrogen dioxides which affect the lung function
- Respiratory disorders

#### Presence of micro-organisms in different relative humidity situations



REFERENCE: Anthony V. Arundel et al., "Indirect Health Effects of Relative Humidity in Indoor Environments", Environmental Health Perspectives, Vol. 65, pp. 351-361, 1986

Lloyd Intelli-Logic is the most appropriate AC for all types of climatic zones and weather conditions, designed to provide the ultimate comfort and convenience.

# 6 in 1 EXPANDABLE AC

# 6 in 1 EXPANDABLE AC

MODE 40% 60% 80% 100% 125%

\*Data mentioned has been derived for specific model only and are under test conditions. Coverage may vary from model to model.

# Covers up to 24.3 m<sup>2</sup>

Capacity	Mode
30% to 110%	CA (Auto Mode)
40%	C1
60%	C2
80%	C3
100%	C4
125%	C5

\*AC capacity will remain in preferred / set mode till the mode is changed

# 6 in 1 CONVERTIBLE AC

# 6 in 1 CONVERTIBLE AC

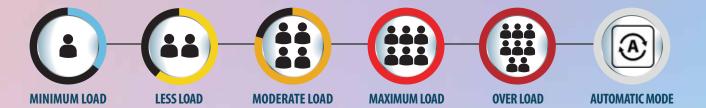
\*Data mentioned has been derived for specific model only and are under test conditions. Coverage may vary from model to model.

AUTO MODE

# Covers up to 24.0 m<sup>2</sup>

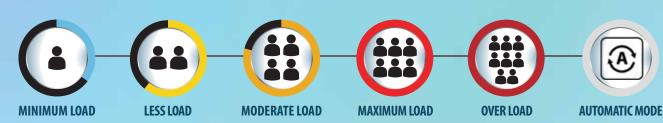
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	Capacity	Mode
	30% to 110%	CA (Auto Mode)
	40%	C1
	60%	C2
	80%	C3
	100%	C4
	110%	C5

\*AC capacity will remain in preferred / set mode till the mode is changed



Any Season	Any Month		
Autumn Season	September to January		
Monsoon Season	June to August		
Low Summer Season	February, March & July		
High Summer Season	April to June		
High Summer Season	May to June		

<sup>\*</sup>Season and months mentioned are generic indications only and may vary for different geographic locations



Any Season	Any Month		
Autumn Season	September to January		
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Low Summer Season	February, March & July		
High Summer Season	April to June		
High Summer Season	May to June		

<sup>\*</sup>Season and months mentioned are generic indications only and may vary for different geographic locations

# EXPANDABLE AC V/S CONVERTIBLE AC

6 in 1 Expandable A Capacity Settings	Mode	6 in 1 Convertible AC Capacity Settings		
30% ~ 110%	CA	→ 30% ~ 110%	6	
40%	<b>C1</b>	<b>→</b> 40%		
60%	<b>← C2</b>	60%		
80%	<b>C3</b>	→ 80%		
100%	C4	<b>→</b> 100%		
125%	C5	110%		

\*AC capacity will remain in preferred / set mode for unlimited time-period, till the mode is changed

# 6 in 1 Expandable AC vs 6 in 1 Convertible AC Comparative Working in Different Modes

6 in 1 Expandable AC : 1.5				6 in 1 Convertible AC : 1.5					
Mode	Туре	Capacity	Wattage	Performance	Mode	Туре	Capacity	Wattage	Performance
CA	Flexi	110%	5775 W	AI / Auto	CA	Flexi	110%	5775 W	AI / Auto
C1	Fixed	40%	2100 W	Basic	C1	Fixed	40%	2100 W	Basic
C2	Fixed	60%	3150 W	Mid	C2	Fixed	60%	3150 W	Mid
C3	Fixed	80%	4200 W	High	C3	Fixed	80%	4200 W	High
C4	Fixed	100%	5250 W	Higher	C4	Fixed	100%	5250 W	Higher
C5	Fixed	125%	6563 W	Highest	C5	Fixed	110%	5775 W	Highest

<sup>\*</sup>Testing in HIL Lab test conditions





#### COOLS AT 60 °C

Air Cooled Electric Control Box technology is used to effectively cool down the temperature of electrical parts inside the outdoor unit, resulting in non-stop cooling at 60 °C ambient temperature.





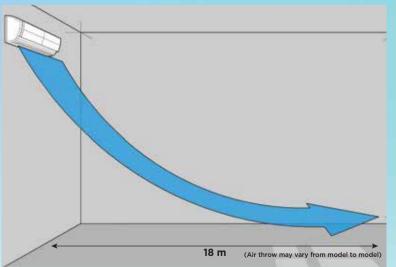
#### **VOICE ENABLED**

Lloyd Grande Heavy Duty AC is equipped with a Voice control feature which makes it more convenient for users to control the AC by voice commands through Alexa, Google home Device and other smart interface devices.



#### HAVELLS SYNC APP

With the HAVELLS SYNC APP, you can now manage your Lloyd AC from anywhere, any time with just a tap on your smartphone (all Lloyd WiFi enabled ACs are compatible with your smartphones).





## 18 m LONG AIR THROW

With a bigger indoor size and a wider outlet, cool air reaches the farthest points of the room, thus making this an ideal AC for larger rooms.



## SMART 4-WAY SWING

With the Smart 4-Way Swing through horizontal and vertical louvers, this AC spreads cool air uniformly across the room, thus making the room cool and comfortable.

Available on Google Play Store & iOS App Store

#### LOW GAS DETECTION

Lloyd Inverter Split Air Conditioners are designed for timely detection of "Low Gas" levels which avoids uncomfortable room temperature and prevents machine to enter faulty conditions.

It is a very useful feature in which Indoor display panel of AC indicates "E5" code, which means loss of refrigerant and flags it for due repair / refilling / maintenance.

Timely detection not only helps in avoiding mechanical accidents / failure but also ensures enhanced lifespan of your AC. This feature comes in all Lloyd Inverter Split Air Conditioners.



#### **CLEAN FILTER INDICATION**

In this smart world one needs to be even smarter, Lloyd offers a unique & smart "Filter Cleaning Reminder" feature in its Inverter Split Air Conditioners in which indoor panel of AC indicates "CL" symbol, which means its time to clean indoor unit air filter of your AC.

Timely filter cleaning not only helps in better cooling performance but also

helps in avoiding extra load on the machine which in result enhances lifespan of your Air Conditioner.



## TURBO COOL

Lloyd offers "Turbo Cool" feature in all its Inverter Split Air Conditioners which is a highly user-friendly feature when you need to cool down the room faster.

AC skips the time lag and compressor starts its operations immediately

when Turbo Cool mode is switch on. AC will work in Turbo / Super Cool mode for 60 minutes to bring down the temperature and then it will automatically switch back to the previous fan speed if the desired temperature is 17 °C to 30 °C, however, the AC will remain in Turbo / Super Cool mode if the desired temperature is 16 °C.



### **INSTALLATION CHECK**

Installation Check "i-C" is a highly user-friendly feature in which more than 15 tests / checks are performed on indoor unit & outdoor unit and indoor panel indicates "go" symbol for perfectly installed AC i.e. good to use and gives "ng" symbol in case even a single test / check fails and inform the need of repair.

Most importantly, this feature can be used anytime across the lifespan of AC, giving power to its user of timely detection of faults, if any.



## WORKING OF INSTALLATION CHECK

How to perform i-C (Installation Check)

- Put AC in standby mode
- Display / Light button on remote to be pressed 6 times within 10 seconds
- All the LEDs on display PCB will start blinking together continuously until i-C mode starts
- Press Display / Light button on remote 2 times to start "Installation Check" check

#### Following checks are performed on the Indoor Unit:

- IDU PCB operation
- IDU display panel operation
- IDU blower motor operation in different fan speed
- IDU horizontal & vertical swing motor operation
- IDU temperature sensors operation
- IDU emergency button operation
- IDU IR receiver operation
- IDU buzzer operation



#### Following checks are performed on Outdoor Unit:

- ODU PCB operation
- ODU compressor operation
- ODU fan motor operation
- ODU temperature sensors operation
- No cooling / Gas leak detection
- All general faults and protection
- Remote IR transmitter operation



#### All checks are OK then "go"



# If any check is not OK then "ng" = NO GO



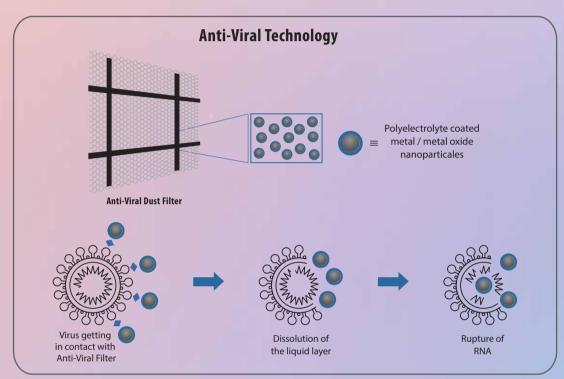
For more details, refer to product user manual

4

## **MULTIPLE FILTERS**

#### **Anti-Viral Dust Filter**

LLOYD's Anti-Viral Dust Filter has a special coating of Metal Nano Particles (Silver Ions), a virucidial and nonmigratory Quaternary Ammonium Salt (QuAT), a virostatic material dispersed homogeneously in a functional polymer matrix and works on surface contact mechanism. When microbes like virus, bacteria or any other germs come in contact with filter, the nano active molecules QuAT present in the coating effectively deactivate the outer layer protein of the microbes and the Metal Nano Particles effectively disintegrate the DNA or RNA genomes preventing their chance of replication. Test has shown >99%\*\* efficacy in disinfecting the virus, when tested as per global standards of ISO 21702 and JIS Z 2801.

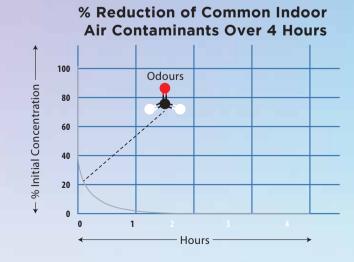


# Tested as per ISO 21702: 2019 on MS2 Bacteriophage (Which is an RNA virus of the family Leviviridae. MS2 bacteriophages are used as a surrogate virus (particularly in place of Picornaviruses such as Poliovirus and human Norovirus)

- \* Tested as per JIS Z 2801: 2010 on Staphylococcus aureus ATCC 6538 & Escherichia coli ATCC 8739.
- \*\*Tested under standard laboratory condition in a third-party lab

#### **Active Carbon Filter**

Activated Carbon filters out odours, pollutants, and volatile organic compounds (VOCs) from the air by trapping gas molecules and removing them efficiently from circulation. Activated Carbon Filters protect effectively against NO<sub>2</sub>, SO<sub>2</sub> and other volatile contaminants, and thus help in creating a fresh surrounding.



#### **HEPA Filter**

High Efficiency Particulate Air Filters, commonly known as HEPA FILTERS are composed of a mat of randomly arranged fibre-glass having diameters between 0.5 μm and 2.0 μm. To qualify as HEPA by US Government standards, it must remove (from the air that passes through) 99.97% of particles that have a size of 0.3 μm. As such, it helps catching particulate pollutants like pollen, bacteria, virus, dust, mold of 0.3 μm (microns) or greater in size.

#### **Captures Microscopic Foreign Particles**



Pollen



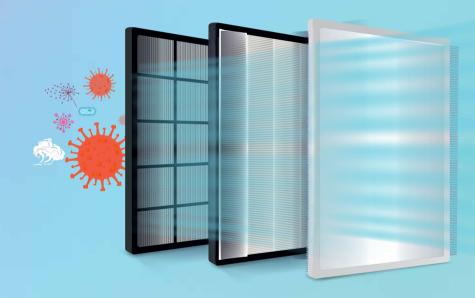
Bacteria



Dust



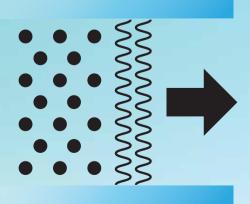
**Smoke** 



#### PM<sub>2.5</sub> Filter

The  $PM_{2.5}$  Filter in Lloyd ACs traps air-borne contaminants along with dust, pollen, spores, bacteria, viruses, etc. and gives you fresh & clean air.

Fine particulate matter like PM<sub>2.5</sub> is an air pollutant that can cause health concerns, especially when the levels are high. These tiny particles reduce visibility and cause the air to appear hazy when levels are elevated. These particles / pollutants are so small that they are not visible to the naked eye and are visible only in bright sunlight or led light. The PM<sub>2.5</sub> Filter filters these pollutants and keeps air clean.



4







Lloyd is proud to introduce its "Arctic Series"; a range of genuine heavy-duty Heat Pump ACs, designed and manufactured as per Indian weather standards in our factory at Ghiloth, Rajasthan, that give instant cooling in summer and keep you warm in winter. The Arctic Series has been designed with the latest technology to operate in extreme temperatures (-10 °C to 52 °C) and deliver fresh & healthier air through its wider & bigger indoor unit throughout the year, as per your requirement. Lloyd Heat Pump Air Conditioner is a smarter, economical, and safer decision when compared to conventional heat convectors and oil heaters that are hassle-filled and time-consuming. So, bring home Lloyd Heat Pump ACs today to bring home round-the-year comfort.

LLOYD HEAT PUMP AC		CONVENTIONAL/OIL HEATERS
61%* less running cost than oil heaters	Saving	Consumes more electricity
Works in all seasons	Comfort	Useable only in winters
Wider & longer air throw for uniform heating	Heating	Heats limited area
Maintains oxygen & humidity level	Health	Reduces oxygen level Increases dryness
PM <sub>2.5</sub> Filter and Anti-Viral Filter for cleaner & healthier air	Air <u>Purificati</u> on	Does not purify air
Completely safe	Safety	Fire and burn hazards
Fixed installation	Convenience	Needs storage space when not in use

# **Savings of Lloyd Heat Pump AC Over Conventional Room Heaters**

Parameter	Heat Pump AC GLS18H5FWRHC	Heat Pump AC GLS18H3FWRHD	Heat Convectors	Oil Heaters
Power	1200 W	1510 W	2000 W	2900 W
Units of Electricity consumed	796 kWh	1011 kWh	1440 kWh	2088 kWh
Running cost Per Year	₹5 572.00	₹7077.00	₹ 10 080.00	₹14616.00
Running cost for 5 Year	₹27 860.00	₹35 385.00	₹50 400.00	₹73 080.00

Data shown above are under test conditions and may very from model to model.

# **36 REASONS TO BUY LLOYD AC**

# Mood UN

**Mood Lighting** 

#### MOOD ON

Stellar AC is all set to enhance décor or your room & your mood with its 1st in Industry feature of Mood Lighting in which you can not only select the color of your choice from available multiple colour options but also adjust the brightness with just a tap on your smart phone.



# TEMPERATURE BASED AMBI-LIGHTING

Stellar AC from Lloyd comes with Multicolour LED Strip which changes colours from Off White to Light Blue to Dark Blue depending on the status of achievement of desired / set temperature versus the current room temperature



#### **IN-BUILT AIR PURIFIER**

Lloyd Fresca Series is equipped with this special AI (Artificial Intelligence) based IAQ sensors which enables the user to know exact and real time status of IAQ (Indoor Air Quality) & PM<sub>2.5</sub> levels of the room on indoor display panel, through color indication on side display panel of the AC and smart phone through the Havells Sync App.



#### **INSTALLATION CHECK**

Installation Check - is a user-friendly feature in which more than 15 tests / checks on indoor unit & outdoor unit are performed and indoor panel indicates "go" symbol for perfectly OK AC ready for use and gives "ng" symbol in case even a single test / check fails and flags the need of repair.



#### **E5 - LOW GAS DETECTION**

E5 (Low Gas Detection) - is a user-friendly feature which indicates "E5" symbol on indoor panel in case there is loss of refrigerant in the AC and flags need of repair



#### **CLEAN FILTER INDICATION**

"Cleaning Filter Indication" is a unique & smart feature in which indoor panel indicates "CL" symbol, which alarms customer to clean indoor unit air filter. It not only helps in better cooling performance but also enhances lifespan of the AC.



# AC CONVERTED TO AIR PURIFIER

ACP is a unique feature in which only Indoor Unit of Lloyd AC functions, leaving outdoor unit on standby mode. This not just helps in saving electricity but also provides the user with fresh and clean air.



#### HIGH CO<sub>2</sub> ALERT

Stellar AC from Lloyd are capable to continuously monitor  $CO_2$  levels of the room on real time basis and promptly alarms its consumer by turning ambi-lighting into red color and through push notifications, for necessary actions.



#### **REAL TIME INFORMATION**

Lloyd Fresca ACs are specially designed to provide Real Time Information of Indoor Air Quality index of the room, which is actual & live information without any time delay. This can be seen on an indoor display unit, side display unit and the user's smartphone.



#### **TURBO COOL**

In Turbo Cool mode AC skips the time lag and compressor starts its operations immediately. AC works in turbo / super cool mode for 60 minutes to bring down the temperature fast and exits the mode thereafter.



#### **DOOR OPEN ALERT**

Yet another unique feature that Lloyd offer in which AC monitors cooling loss due to sudden rise / abnormal shift in room temperature in stipulated time-period and gives beep alarm along with push notification to its users for necessary action.



#### I-FEEL

Lloyd also offers new remote premium handset with I-Feel sensor, which transmits infrared signals about temperature around remote to the AC indoor unit, AC then adjusts its operation to achieve desired room temperature.



#### **DIRECT VOICE COMMAND**

The Lloyd Wave Series ACs work on the user's voice command/sound waves that help in operating the AC without any remote or smart phone or smart interface device or WiFi. The AC can be operated from a distance of up to 10 m in a silent area and 5 m in a normal room scenario.



#### **VOICE & WIFI ENABLED**

Lloyd Air Conditioners are easier to manage & use through Smart WiFi and Voice Enabled features.



#### HAVELLS SYNC APP

Customers can now use 'Havells Sync App' to monitor & control their Lloyd Air Conditioners from anywhere and at anytime.



#### **ANTI-VIRAL DUST FILTER**

Anti-Viral Dust Filter comes coated with special metal nano particles (silver ions). When micro-organisms like bacteria and virus come in contact, their outer layer gets dissolved, and their DNA/RNA ruptures. Thus, you get 99% clean & healthy air.



#### **ADDITIONAL AIR FILTER**

Lloyd Air Conditioner come with a wide range of air filters like HEPA,  $PM_{2.5}$ , Activated Carbon, Filter, thus providing healthy, pure and fresh air.



#### **HEATING SOLUTION**

Lloyd Air Conditioners also offer heating solutions to customers residing in low temperature areas. These HEAT PUMP ACs perform in range of -10  $^{\circ}$ C to 52  $^{\circ}$ C.



#### 6 IN 1 EXPANDABLE AC

It's a multimode setting for cooling options which can be used as per individual's requirement like weather conditions or number of people in the room. It empowers user to use the AC at 125% potential of its designed capacity in case of excessive heat load.



#### 6 IN 1 CONVERTIBLE AC

It's a multimode setting for cooling options which can be used as per individual's requirement like heat load, weather conditions or number of people in the room and maintain economy at the same time.



#### COOLS AT 60 °C

Lloyd Inverter ACs are specially designed to perform even at high ambient temperature of 60 °C.



# 10 YEAR WARRANTY ON COMPRESSOR

Lloyd Inverter ACs not only gives fresh & cool air but also bring peace of mind to the customer. They come with 10 Years warranty on the compressor.



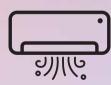
#### 5 YEAR WARRANTY ON COMPONENT

All Lloyd Air Conditioners come with a 5 Years Component Warranty which not only gives its customer hassle-free repair or replacement against any manufacturing defect and natural breakage / damage of any component of the AC, but also assures high-quality parts.



#### 100% COPPER

Lloyd 100% Copper Air Conditioners not only ensure the strongest cooling but also are extremely durable.



#### 18 m LONG AIR THROW

A Bigger indoor and wider outlet enables cool air to reach the farthest points (up to 15 m) of the room. Ideal for cooling large room sizes / spaces.



#### **SMART 4-WAY SWING**

Smart 4-way swing feature enables surround cooling through vertical & horizontal movement of louvers to spread cool air uniformly, across the room.



#### PRECISION CONTROL SWING

Precision control swing offers multiple adjustment options for its users for precise delivery of air flow. This includes 4 Horizontal Swing (up to 50°) and 9 Vertical Swing (0° to 90°) settings options.



#### **INNER GROOVED COPPER**

Inner grooved copper pipes help in providing faster & powerful cooling and enhances product durability.



# CORROSION RESISTANT COATING

A Corrosion resistant (transparent) coating makes Lloyd Air Conditioners even stronger in their fight against air pollutants and are thus able to perform in all types of weather conditions.



#### **GOLDEN FIN CONDENSER**

A Golden Fin Condenser Coil protects the ACs from salty air, rain water and dust. It also helps in improving heat efficiency.



#### PLASMA PROTECTIVE SHIELD

Plasma Protective Shield is formed by high energy plasma electrons having high decomposition power which removes various micro-organisms up to 99.9% like bacteria, virus, dust particles & smoke and provides clean & healthy air inside the room.



#### **PURO AIR IONIZER**

"Puro Air Ionizer" releases Negative Ions into the air which gives electrical charge to harmful particles when gets attached, causing them to clump together and land on surface and then can be easily cleaned up.



# AUTOMATIC HUMIDITY CONTROL (HUMICON)

Automatic Humidity Control is a unique technology in which intelli-sensors sense relative humidity (RH) inside the room and maintains it between 45% to 55% which is best for human comfort, on real time basis.



#### **STABILIZER-FREE OPERATION\***

Lloyd Air Conditioners come with stabiliser-free operation which prevents voltage fluctuations and also ensures safety, savings, ease and comfort. (Range 100 V to 300 V), in 5 Star Range

\*Stabiliser is required if voltage fluctuation is below 100 V or above 300 V  $\,$ 



# ENVIRONMENT-FRIENDLY REFRIGERANT

Lloyd Air Conditioners use ozone friendly R-32 Refrigerant, hence contributing its bit in reducing global warming.



#### MADE IN INDIA

Lloyd Air Conditioners are made in our own, fully integrated & robotic factory in Ghiloth, Rajasthan, India. All our ACs are fully designed by our in-house CRI (Centre for Research & Innovation).

...

# STELLAR SERIES





- Mood-On (Mood Lighting)
- ◆ Temprature Based Ambi-Lighting
- ◆ Inbuilt Air Purifier with IAQ Ambi-Lighting
- ◆ Plasma Protective Shield & Puro Air Ionizer
- ◆ Voice Control & WiFi Enabled
- ◆ Direct Voice Command (Hello Lloyd)
- 6 in 1 Expandable AC
- Cools even at 60 °C
- ◆ 18m Long Air Throw + Auto Breeze
- Precision Swing Control
- ◆ High CO₂ Alert
- Open Door Alert
- ◆ Premium Remote Handset
- ◆ I-Feel Sensor
- Over-The-Air Upgrades (OTA)



# **STYLUS SERIES**





- Changeable Fascia
- Automatic Humidity Control
- ◆ Additional PM<sub>2.5</sub> Filter
- 6 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw\*
- ◆ Area Coverage up to 16.4 m<sup>2</sup>\*
- Rapid Cooling: 18 °C in 45 s\*
- ◆ Voice Control & WiFi Enabled
- ◆ Smart Control with Havells Sync App
- Precision Swing Control
- Golden Eva & Condenser Coils
- Corrosion Resistant Coating
- Premium Remote Handset
- Open Door Alert











































# **STELLAR SERIES**





- Mood-On (Mood Lighting)
- ◆ Temprature Based Ambi-Lighting
- ◆ Voice Control & WiFi Enabled
- 6 in 1 Convertible AC
- Cools even at 52 °C
- 18m Long Air Throw
- Auto Breeze
- Precision Swing Control
- Open Door Alert
- Premium Remote Handset ◆ I-Feel Sensor
- Protective Earth Alerts
- Voltage Fluctuation Alerts
- Over-The-Air Upgrades (OTA)



# **STYLUS SERIES**







**WOOD FINISH** 















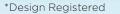












# Grandé Heavy-Duty AC FRESCA SERIES



- ◆ In-Built Air Purifier
- \* ACP: AC convertible to Air Purifier
- ◆ IAQ Color Indications (Side Display Panel)
- ◆ AI (Artificial Intelligence) Sensors
- Real Time Information
- ◆ Plasma Protective Shield
- ◆ Puro Air Ionizer
- 6 in 1 Expandable AC
- Cools even at 60 °C • 15 m Long Air Throw\*
- ◆ Voice Control & WiFi Enabled
- ◆ Smart Control with Havells Sync App
- Precision Swing Control
- Golden Eva & Condenser Coils
- Corrosion Resistant Coating



# Grandé Heavy-Duty AC 6 IN 1 EXPANDABLE



- 6 in 1 Expandable AC
- ◆ Cools even at 60 °C
- 15 m Long Air Throw\*
- ◆ Area Coverage up to 19.5 m<sup>2\*</sup>
- Precision Swing Control
- Rapid Cooling: 18 °C in 45 s ◆ Additional PM<sub>2.5</sub> Filter
- Golden Evaporator Coils
- Golden Condenser Coils
- Corrosion Resistant Coating
- WiFi Ready (Optional WiFi)
- ◆ Hidden LED Display
- Backlit Remote



GLS12I3FWSHX

GLS18I3FWSHX\*

GLS24I3FWSHX^^











































# Grandé Heavy-Duty AC 5 IN 1 CONVERTIBLE



- 5 in 1 Convertible AC
- Cools even at 60 °C
- 15 m Long Air Throw
- ◆ Area Coverage up to 24.0 m<sup>2</sup>^
- Precision Swing Control
- Rapid Cooling: 18 °C in 45 s
- ◆ Additional PM2.5 Filter
- Golden Evaporator Coils Golden Condenser Coils
- Corrosion Resistant Coating
- WiFi Ready (Optional WiFi) ◆ Hidden LED Display
- Backlit Remote



# Grandé Heavy-Duty AC 6 IN 1 EXPANDABLE



- 5 in 1 Expandable AC
- Cools even at 60 °C
- ◆ 15 m Long Air Throw\*
- ◆ Area Coverage up to 24.3 m<sup>2</sup>
- Precision Swing Control
- Rapid Cooling: 18 °C in 45 s ◆ Additional PM<sub>2.5</sub> Filter
- Golden Evaporator Coils
- Golden Condenser Coils
- Corrosion Resistant Coating
- WiFi Ready (Optional WiFi) ◆ Hidden LED Display
- Backlit Remote



















































# **INTELLI-LOGIC SERIES**



- Automatic Humidity Control
- Plasma Protective Shield
- 5 in 1 Convertible AC
- Cools even at 52 °C
- ◆ 10 m Long Air Throw\*
- Area Coverage up to 16.4 m<sup>2\*</sup>
- Rapid Cooling: 18 °C in 45 s\*
- ◆ Voice Control & WiFi Enabled Smart Control with Havells Sync App
- Golden Eva & Condenser Coils
- Corrosion Resistant Coating
- ◆ Hidden LED Display
- Backlit Remote
- Strong Dehumidifier



# **GRAPHICAL SERIES**



- 6 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw\*
- ◆ Area Coverage up to 16.4 m<sup>2\*</sup>
- Precision Swing Control
- Rapid Cooling: 18 °C in 45 s\*
- Golden Eva & Condenser Coils
- Graphical Deco Print
- ◆ Additional PM<sub>2.5</sub> Filter
- WiFi Ready (Optional WiFi)
- ◆ Hidden LED Display
- Backlit Remote
- Blow Function



GLS12I3FWSGS

GLS19I3FWSGS\*







































# **INTELLI-LOGIC SERIES**



- Automatic Humidity Control
- ◆ Additional HEPA & Active Carbon Filter
- 5 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw\*
- ◆ Area Coverage up to 16.4 m<sup>2</sup>\*
- Rapid Cooling: 18 °C in 45 s\* ◆ Voice Control & WiFi Enabled
- ◆ Smart Control with Havells Sync App
- Golden Eva & Condenser Coils
- Corrosion Resistant Coating
- Hidden LED Display
- Backlit Remote
- Strong Dehumidifier





GLS12V3FWSIL

GLS18V3FWSIL\*

# **GRAPHICAL SERIES**



- 6 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw
- Area Coverage up to 19.7 m<sup>2</sup>
- Rapid Cooling: 18 °C in 45 s\*
- Golden Eva & Condenser Coils
- Graphical Deco Print
- ◆ Additional PM<sub>2.5</sub> Filter
- WiFi Ready (Optional WiFi) Hidden LED Display
- Backlit Remote
- ◆ Blow Function











































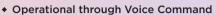






## **WAVE SERIES**





- Operational without WiFi, Remote, Smart Phone or Devices
- ◆ Easy Operation from 8 m Distance
- ◆ 2 Power Settings(On / Off)
- ◆ 2 Temperature Settings (+/- 1 °C)
- 2 Fan Speed Settings (Up / Down)
- 4 Ambient Mode Settings (Auto, Cool, Dry or Heat)
- 5 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw
- Area Coverage up to 16.4 m²
- ◆ Precision Swing Control
- \* Rapid Cooling: 18 °C in 45 s
- Golden Eva & Condenser Coils
- ◆ Additional PM<sub>2.5</sub> Filter

# **COLOR PANEL SERIES**



- ◆ 5 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw
- Area Coverage up to 15.8 m<sup>2</sup>
- Rapid Cooling: 18 °C in 45 s
- Golden Evaporator Coils
- ◆ Additional PM₂.5 Filter
- ◆ WiFi Ready (Optional WiFi)
- Side Display Panel
- Blow Function











































# **HYBRID SERIES**



- ◆ Convertible from Inverter AC to Fixed Speed AC
- 5 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw\* ◆ Area Coverage up to 16.4 m<sup>2\*</sup>
- \* Rapid Cooling: 18 °C in 45 s\*
- Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- Hidden LED Display
- WiFi Ready (Optional WiFi)



GLS18I5FWGVV

# **COLOR PANEL SERIES**



- 5 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw
- ◆ Area Coverage up to 15.8 m²
- Rapid Cooling: 18 °C in 45 s
- Golden Evaporator Coils ◆ Additional PM<sub>2.5</sub> Filter
- WiFi Ready (Optional WiFi) Side Display Panel
- Blow Function















































GLS18I3FRCEV

# **BLISS SERIES**



- ◆ 5 in 1 Convertible AC
- Cools even at 52 °C
- ◆ 10 m Long Air Throw\*
- Area Coverage up to 15.8 m<sup>2\*</sup>
- \* Rapid Cooling: 18 °C in 45 s\*
- Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- WiFi Ready (Optional WiFi)
- ◆ Hidden LED Display
- Blow Function



GLS12I5FORBA GLS18I5FWRBW GLS18I5FORBW GLS18I5FWRBM GLS18I5FORBV

# **ELEMENT SERIES**



- 5 in 1 Convertible AC
- Cools even at 52 °C
- + 12 m Long Air Throw<sup>^</sup>
- ◆ Area Coverage up to 19.7 m<sup>2</sup>^
- Rapid Cooling: 18 °C in 45 s\*
- Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- WiFi Ready (Optional WiFi)
- Hidden LED Display
- Blow Function











































# **BLISS SERIES**



- 5 in 1 Convertible AC
- ◆ Cools even at 52 °C
- 10 m Long Air Throw\*
- ◆ Area Coverage up to 15.8 m²\*
- \* Rapid Cooling: 18 °C in 45 s\*
- Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- WiFi Ready (Optional WiFi)
- ◆ 2-Way Air Swing\*\*
- Hidden LED Display
- Blow Function





# **ELEMENT SERIES**



- 5 in 1 Convertible AC
- Cools even at 52 °C
- 12 m Long Air Throw<sup>^</sup>
- ◆ Area Coverage up to 19.7 m<sup>2</sup>^
- Rapid Cooling: 18 °C in 45 s\*
- Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- WiFi Ready (Optional WiFi)
- ◆ 2-Way Air Swing\*\* ◆ Hidden LED Display
- Blow Function















































# SAPPHIRE SERIES



- 5 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw\*
- ◆ Area Coverage up to 15.8 m<sup>2\*</sup>
- Rapid Cooling: 18 °C in 45 s\*
- Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- ◆ WiFi Ready (Optional WiFi)
- ◆ Hidden LED Display
- Blow Function



GLS18I5FOCVV \*^

GLS18I5FORAD\*

# **PEARL SERIES**



- 5 in 1 Convertible AC
- Cools even at 52 °C
- ◆ 10 m Long Air Throw\*
- ◆ Area Coverage up to 15.8 m<sup>2\*</sup>
- Rapid Cooling : 18 °C in 45 s\* Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- ◆ WiFi Ready (Optional WiFi)
- Hidden LED Display
- Blow Function



GLS12I3FOPEV

GLS18I3FOPEV \*^

GLS18I3FORBW \*#









































# **SAPPHIRE SERIES**



- 5 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw\*
- Area Coverage up to 15.8 m<sup>2</sup>\*^ • Rapid Cooling: 18 °C in 45 s\*
- Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- 2-Way Air Swing #
- ◆ WiFi Ready (Optional WiFi)
- Hidden LED Display
- Blow Function



# **PEARL SERIES**



- 5 in 1 Convertible AC
- Cools even at 52 °C
- 10 m Long Air Throw\*
- ◆ Area Coverage up to 15.8 m<sup>2</sup>\*^ • Rapid Cooling: 18 °C in 45 s\*
- Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- 2-Way Air Swing #
- WiFi Ready (Optional WiFi)
- Hidden LED Display
- Blow Function

















































## **ELEMENT SERIES**



- ◆ 5 in 1 Convertible AC
- Cools even at 52 °C
- 5 m Long Air Throw
- Area Coverage up to 8.2 m²
- Golden Evaporator Coils ◆ Additional PM<sub>2.5</sub> Filter
- WiFi Ready (Optional WiFi)
- Hidden LED Display
- Blow Function
- Strong Dehumidifier



# **XTREME SERIES**



- 5 in 1 Convertible AC
- Cools even at 52 °C
- ◆ 10 m Long Air Throw\*
- ◆ Area Coverage up to 15.8 m<sup>2</sup>\*
- Rapid Cooling: 18 °C in 45 s\*
- Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- WiFi Ready (Optional WiFi)
- ◆ Hidden LED Display
- Blow Function



GLS18C3YWCHD

GLS24C1XWCHD\*











































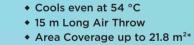
# **CLASSIC SERIES**

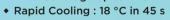


- 5 in 1 Convertible AC
- Cools even at 52 °C
- ◆ 7 m Long Air Throw
- Area Coverage up to 14.9 m<sup>2\*</sup>
- 2-Way Air Swing<sup>^</sup>
- Golden Evaporator Coils
- ◆ Additional PM<sub>2.5</sub> Filter
- WiFi Ready (Optional WiFi)
- Hidden LED Display
- Blow Function
- Strong Dehumidifier









- ◆ Additional PM<sub>2.5</sub> Filter
- Golden Evaporator Coils
- Golden Condenser Coils
- Corrosion Resistant Coating
- Hidden LED Display
- Backlit Remote
- Strong Dehumidifier
- Blow Function













































# ARCTIC SERIES / HEAT PUMP SERIES



- . Heats even at -4 °C
- + Cools even at 52 °C
- 5 in 1 Convertible AC
- + 12 m Long Air Throw\*
- Area Coverage up to 19.7 m²<sup>^</sup>
- . Rapid Cooling: 18 °C in 45 s #
- \* Bigger Indoor & Outdoor Unit\*
- Golden Eva & Condenser Coils
- \* Additional PM2.5 Filter
- . WiFi Ready (Optional WiFi)
- Hidden LED Display
- . Blow Function



# WINDOW INVERTER AC



- + Cools even at 52 °C
- . Powerful Cooling
- Silent Operation
- + Auto Air Swing
- + Blue Fin Coils . Corrosion Resistant Coating
- + LED Display
- + Auto Restart



































# ARCTIC SERIES / HEAT PUMP SERIES



- + Heats even at -10 °C
- Cools even at 52 °C
- 5 in 1 Convertible AC
- + 12 m Long Air Throw
- Area Coverage up to 16.4 m² + Rapid Cooling: 18 °C in 45 s
- . Bigger Indoor & Outdoor Unit
- Golden Eva & Condenser Coils
- + Additional PM2.s Filter
- . WiFi Ready (Optional WiFi)
- + Hidden LED Display
- + Blow Function



# WINDOW FIXED SPEED AC



- Cools even at 50 °C
- + Powerful Cooling
- \* Silent Operation
- Blue Fin Coils . Auto Air Swing
- . Corrosion Resistant Coating
- + LED Display
- Auto Restart



GLW18C3YWSEA GLW18C5XWSEA































Image provided is for reference only, actual image may differ from the given one

# **CRESCENT SERIES FIXED SPEED**



- ◆ Cools even at 48 °C
- ◆ 12 m Long Air Throw\*
- ◆ Area Coverage up to 19.7 m<sup>2</sup>\*
- \* Rapid Cooling: 18 °C in 45 s^
- Hidden LED Display
- Golden Evaporator Coils
- ◆ Multi-Fold Evaporator
- Auto Restart
- ◆ Self Diagnosis Function
- ◆ Anti Corrosion Coating



# **CASSETTE AC**



- 360° Surround Cooling
- ◆ Flexi Wind Control
- Smart Air Swing
- Precision Temperature Control
- Silent Operation
- Golden Evaporator Coils
- Auto Restart
- Self Diagnosis Function





















# **PORTABLE AC**



||OO% COPPER











- 360° Movement
- Strong Caster Wheels
- ◆ Feather Touch Control Panel
- Remote Control Operation
- Easy Installation
- Top Air Throw
- Auto Air Swing
- Clean Air Filter
- Auto Restart
- ◆ Self Diagnosis Function

GLP12B01TP

# **TOWER AC**









- 12 m Long Air Throw • Touch Panel Control
- Silent Operation
- Eazy Clean Filter
- Smart 4 Way Swing
- Golden Evaporator Coils Auto Restart
- - ◆ Self Diagnosis Function

GLT24B1XWABP (1\*, R-32) GLT48C0XWAAG (R-410A)

# **Technical Specifications: Stellar Series**

SERIES NAME			STELLAR SERIES		
Specifications	Parameters	Unit	GLS18V5FWGST	GLS18V5FWSSL	
	Description		1.5	1.5	
	Star Rating		5	5	
	Compressor Type /		Rotary / R-32	Rotary / R-32	
Electric Data					
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	
	Operating Voltage Range	V	100 V - 300 V	100 V - 300 V	
D (	Input Current (100% / 50%)	A	5.31 A / 2.85 A	5.45 A / 2.84 A	
Performance			4405 4005	1605 50.05	
	Operating Temperature Range Cooling Capacity (100% / 50%)	W	16 °C ~ 60 °C	16 °C ~ 52 °C	
	Input Power (100% / 50%)	W	5200 W / 2600 W 1210 W / 459 W	5100 W / 2550 W 1240 W / 457 W	
	ISEER	***	5.35	5.20	
	Air Flow**	m³/h	1040 m³/h	1040 m³/h	
	Air Throw Distance	m	18 m	18 m	
	Electricity Consumption	kWh	752.72 kWh	759.37 kWh	
	IDU Noise*	dB	30 dB	30 dB	
	ODU Noise*	dB	57 dB	57 dB	
	Area Coverage***	m²	16.4 m²	15.8 m²	
Key Features					
	Mood On (Mood-Lighting)		✓	✓	
	Ambi-Lighting (Temperatue Based)		✓	✓	
	Ambi-Lighting (Air Quality Based)		✓		
	In-Built Air Purifier		<u>√</u>		
	ACP Mode (AC Convertible to Air Purifier)		<u>√</u>		
	Plasma Protective Shield		<u>√</u>		
	Puro Air Ionizer		<b>√</b>		
	High CO2 Alert  Real Time Sensing IAQ / PM 2.5 / PM 10		<b>√</b>		
	In-Built WiFi		✓	✓	
	Direct Voice Command (Hello Lloyd)		<i>.</i> ✓	•	
	Door Open Alert		<b>√</b>	✓	
	6 in 1 Expandable AC (40 / 60 / 80 / 100 / 125 / Auto)		✓		
	6 in 1 Convertible AC (40 / 60 / 80 / 100 / 110 / Auto)			✓	
	Installation Check		✓	✓	
	Low Gas Detection		✓	✓	
	Clean Filter Indication		✓	✓	
	Anti-Viral Dust Filter		<b>√</b>	<b>√</b>	
	Turbo Cool		<b>√</b>	<b>√</b>	
	Rapid Cooling (18 °C in 45 s)  Precesion Control Swing		<b>√</b>	✓ ✓	
	Smart 4-Way Swing		✓ ✓	<b>✓</b>	
	Auto Breeze		<b>√</b>	<b>√</b>	
	LED Display			<b>→</b>	
	Voltage Fluctuation Alert		✓	✓	
	Protective Earth Alert		✓	✓	
	Anti Corrosion Coating		✓	✓	
	BLDC Motor		✓	✓	
	Golden Fin Condenser		✓	✓	
	Golden Fin Evaporator		✓	✓	
	Stabilizer Free Operation Premium Remote Handset		<b>√</b>	<b>√</b>	
	I-Feel Sensor & Motion Based Sensor		<b>√</b>	✓	
	Strong Dehumidifier		✓ ✓	<b>√</b>	
	Blow Function		✓ ✓	✓ ✓	
	100% Copper		✓ ✓	<b>✓</b>	
	Eco Friendly Refrigerant		<b>√</b>	<b>√</b>	
Weight & Measurer	· · · · · · · · · · · · · · · · · · ·				
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(114.6 x 24.9 x 32.8) cm	(114.6 x 24.9 x 32.8) cm	
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(114.6 x 32.8 x 24.9) cm	(114.6 x 32.8 x 24.9) cm	
	IDU Packing (LxBxH)	cm	(119.7 x 41.7 x 34.7) cm	(119.7 x 41.7 x 34.7) cm	
	IDU Net / Gross Weight	kg	11.8 kg / 16.5 kg	11.8 kg / 16.5 kg	
	ODU Dimensions (LxBxH)	cm	(89.8 x 36.3 x 59.3) cm	(89.8 x 36.3 x 59.3) cm	
	ODU Packing (LxBxH)	cm	(94.5 x 44.0 x 64.0) cm	(94.5 x 44.0 x 64.0) cm	
	ODU Net / Gross Weight	kg	30.6 kg / 35.5 kg	29.0 kg / 33.8 kg	

<sup>\*</sup> Under lab test condition \*\* Dry Airflow

# **Technical Specifications: Stylus Series**

	SERIES NAME	STYLUS SERIES					
Specifications	Parameters	Unit	GLS12V5F0GSY	GLS18V5F0GVV	GLS12V3F0GSY	GLS18V3KOGSY	
	Description		1.0	1.5	1.0	1.5	
	Star Rating		5	5	3	3	
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	
Electric Data							
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phas	
	Operating Voltage Range	V	100 V - 300 V	100 V - 300 V	140 V - 280 V	140 V - 280 V	
	Input Current (100% / 50%)	A	3.65 A / 1.99 A	5.42 A / 2.80 A	5.01 A / 3.70 A	6.98 A / 3.76 A	
Performance							
	Operating Temperature Range		16 °C ~ 52 °C	16 °C ~ 52 °C	16 °C ~ 52 °C	16 ℃ ~ 52 ℃	
	Cooling Capacity (100% / 50%)	W	3500 W / 1750 W	5050 W / 2525 W	3520 W / 1760 W	5050 W / 2525 W	
	Input Power (100% / 50%)	W	830 W / 320 W	1235 W / 450 W	1095 W / 425 W	1590 W / 605 W	
	ISEER		5.20	5.20	3.95	3.95	
	Air Flow**	m³/h	750 m³/h	1000 m³/h	600 m³/h	1000 m³/h	
	Air Throw Distance	m	7 m	10 m	7 m	10 m	
	Annual Electricity Consumption	kWh	520.93 kWh	751.65 kWh	689.77 kWh	990.77 kWh	
	IDU Noise*	dB	35 dB	36 dB	35 dB	36 dB	
	ODU Noise*	dB	50 dB	53 dB	50 dB	53 dB	
	Area Coverage***	m <sup>2</sup>	11.0 m <sup>2</sup>	15.8 m <sup>2</sup>	11.0 m <sup>2</sup>	15.8 m <sup>2</sup>	
Key Features						1010 111	
	6 in 1 Convertible (40 / 60 / 80 / 100 / 110 / Auto)		✓	✓	✓	✓	
	Smart 4-Way Swing		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	
	Turbo Cool		✓	<b>√</b>	<b>√</b>	<b>√</b>	
	Installation Check		<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	
	Low Gas Detection		<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	
	Clean Filter Indication		<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	
	In Built WiFi		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	
	Automatic Humidity Control		· ·	· ·	· ·	✓ ·	
	Anti-Viral Dust Filter		· ✓	·	√ ·	<b>√</b>	
	PM 2.5 Filter		· ·	· ·	<b>→</b>	<b>√</b>	
	Golden Fin Condenser		· ·	<b>→</b>	<b>√</b>	<b>✓</b>	
	Golden Fin Evaporator		· ·	· ·	<b>√</b>	<b>√</b>	
	Hidden LED Display		· ·	<b>→</b>	<b>√</b>	<b>✓</b>	
	Premium Remote Handset		· ·	<b>√</b>	<b>√</b>	<b>✓</b>	
			<b>→</b>	<b>√</b>	<b>V</b> ✓	<b>∨</b> ✓	
	Stabilizer Free Operation		<b>√</b>	<b>√</b>	<b>√</b>	<b>∨</b>	
	Strong Dehumidifier  Blow Function		<b>✓</b>	<b>✓</b>	<b>∀</b>	<b>✓</b>	
			<b>✓</b>	<b>√</b>	<b>∀</b>	✓ ✓	
	100% Copper		<b>✓</b>	<b>✓</b>	<b>✓</b>	✓ ✓	
	Eco Friendly Refrigerant		<b>✓</b>	<b>✓</b>	<b>✓</b>	✓ ✓	
Weight & Measu	Anti Corrosion Coating		<b>V</b>	<b>V</b>	<b>Y</b>	· ·	
weight & Measu			(02.4 × 20.2 · · 20.5)	(02.0 x 22.2 x 24.6)	(02.4 x 20.2 20.5)	(02.0 22.2 24.6)	
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(82.4 x 20.2 x 28.5) cm	(92.0 x 22.2 x 31.6) cm	(82.4 x 20.2 x 28.5) cm	(92.0 x 22.2 x 31.6) c	
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(82.4 x 28.5 x 20.2) cm	(92.0 x 31.6 x 22.2) cm	(82.4 x 28.5 x 20.2) cm	(92.0 x 31.6 x 22.2) c	
	IDU Packing (LxBxH)	cm	(90.2 x 36.0 x 28.5) cm	(103.0 x 39.2 x 31.5) cm	(90.2 x 36.0 x 28.5) cm	(103.0 x 39.2 x 31.5)	
	IDU Net / Gross Weight	kg	9.1 kg / 11.2 kg	11.3 kg / 14.4 kg	8.9 kg / 11.0 kg	11.0 kg / 13.7 kg	
	ODU Dimensions (LxBxH)	cm	(87.0 x 36.5 x 56.0) cm	(89.8 x 36.3 x 59.3) cm	(83.5 x 30.0 x 52.0) cm	(87.0 x 36.5 x 56.0) c	
	ODU Packing (LxBxH)	cm	(91.0 x 41.5 x 59.0) cm	(94.5 x 44.0 x 64.0) cm	(92.5 x 38.3 x 56.8) cm	(91.0 x 41.5 x 59.0) c	
	ODU Net / Gross Weight	kg	24.9 kg / 29.0 kg	28.5 kg / 33.6 kg	20.0 kg / 24.0 kg	25.4 kg / 29.8 kg	

<sup>\*</sup> Under lab test condition

\*\* Dry Airflow

\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

### **Technical Specifications: Grande HD**

	SERIES NAME	6 IN 1 EXP	6 IN 1 EXPANDABLE - HEAVY DUTY SERIES				
Specifications	cations Parameters		GLS18I5FWGHX	GLS12I3FWSHX	GLS18I3FWSHX		
	Description		1.5	1.0	1.5		
	Star Rating		5	3	3		
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32		
Electric Data			,	,	,		
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase		
	Operating Voltage Range	V	100 V - 300 V	140 V - 280 V	140 V - 280 V		
	Input Current (100% / 50%)	A	5.81 A / 3.14 A	4.80 A / 3.14 A	6.65 A / 4.15 A		
Performance							
	Operating Temperature Range		16 °C ~ 60 °C	16 °C ~ 60 °C	16 °C ~ 60 °C		
	Cooling Capacity (100% / 50%)	W	5240 W / 2620 W	3650 W / 1825 W	5250 W / 2625 W		
	Input Power (100% / 50%)	W	1270 W / 470 W	1050 W / 470 W	1500 W / 620 W		
	ISEER		5.20	3.95	4.15		
	Air Flow**	m³/h	880 m³/h	650 m³/h	880 m³/h		
	Air Throw Distance	m	15 m	13 m	15 m		
	Annual Electricity Consumption	kWh	779.49 kWh	715.88 kWh	978.21 kWh		
	IDU Noise*	dB	37 dB	34 dB	37 dB		
	ODU Noise*	dB	57 dB	55 dB	57 dB		
	Area Coverage***	m²	19.5 m²	13.2 m <sup>2</sup>	19.5 m <sup>2</sup>		
Key Features							
	6 in 1 Expandable (40 / 60 / 80 / 100 / 125 / Auto)		✓	✓	<b>✓</b>		
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)						
	Smart 4-Way Swing		✓	✓	✓		
	Turbo Cool		✓	✓	✓		
	Installation Check		✓	✓	✓		
	Low Gas Detection		✓	✓	✓		
	Clean Filter Indication		✓	✓	✓		
	WiFi Ready (Optional WiFi)		✓	✓	✓		
	Anti-Viral Dust Filter		✓	✓	✓		
	PM 2.5 filter		✓	✓	✓		
	Golden Fin Condenser		✓	✓	✓		
	Golden Fin Evaporator		✓	✓	✓		
	Hidden LED Display		✓	✓	✓		
	Back Lit Remote						
	Premium Remote Handset		✓	✓	✓		
	Stabilizer Free Operation		✓	✓	✓		
	Strong Dehumidifier		✓	✓	✓		
	Blow Function		✓	✓	✓		
	100% Copper		✓	✓	✓		
	Eco Friendly Refrigerant		✓	✓	✓		
	Anti Corrosion Coating		✓	✓	✓		
Weight & Measu	rement						
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(97.0 x 22.0 x 32.0) cm	(84.5 x 20.0 x 29.8) cm	(97.0 x 22.0 x 32.0) cm		
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(97.0 x 32.0 x 22.0) cm	(84.5 x 29.8 x 20.0) cm	(97.0 x 32.0 x 22.0) cm		
	IDU Packing (LxBxH)	cm	(107.0 x 40.3 x 30.5) cm	(94.0 x 38.2 x 29.4) cm	(107.0 x 40.3 x 30.5) cm		
	IDU Net / Gross Weight	kg	11.5 kg / 15.0 kg	9.3 kg / 12.1 kg	11.4 kg / 14.5 kg		
	ODU Dimensions (LxBxH)	cm	(89.8 x 36.3 x 59.3) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm		
	ODU Packing (LxBxH)	cm	(94.5 x 44.0 x 64.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm		
	ODU Net / Gross Weight	kg	30.6 kg / 35.5 kg	27.2 kg / 31.2 kg	29.0 kg / 33.5 kg		

### **Technical Specifications: Grande HD**

IN 1 CONVERTIBLE - HD	FIXED SPE		
GLS27I3FWSHD	GLS12C3XWCHD	GLS18C3YWCHD	GLS24C1XWCHI
2.2	1.0	1.5	2.0
3	3	3	1
Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32
230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Pha
140 V - 280 V	140 V - 280 V	140 V - 280 V	140 V - 280 V
11.02 A / 6.59 A	4.22 A	5.84 A	9.05 A
16 °C ~ 60 °C	16 °C ~ 54 °C	16 °C ~ 54 °C	16 °C ~ 54 °C
7700 W / 3850 W	3700 W	5400 W	7000 W
2510 W / 910 W	960 W	1330 W	2050 W
3.91	3.85	4.06	3.41
1270 m³/h	880 m³/h	1270 m³/h	1270 m³/h
15 m	15 m	15 m	15 m
1523.50 kWh	743.14 kWh	1029.56 kWh	1586.92 KWH
38 dB	34 dB	37 dB	38 dB
57 dB	55 dB	57 dB	57 dB
24.0 m <sup>2</sup>	11.3 m²	16.7 m <sup>2</sup>	21.8 m <sup>2</sup>
✓			
✓	✓	✓	✓
✓	✓	✓	✓
✓			
✓			
✓			
✓			
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓			
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
(111.8 x 23.0 x 33.5) cm	(97.0 x 22.0 x 32.0) cm	(111.8 x 23.0 x 33.5) cm	(111.8 x 23.0 x 33.5) c
(111.8 x 33.5 x 23.0) cm	(97.0 x 32.0 x 22.0) cm	(111.8 x 33.5 x 23.0) cm	(111.8 x 33.5 x 23.0) c
(122.5 x 41.5 x 33.0) cm	(107.0 x 40.3 x 30.5) cm	(122.5 x 41.5 x 33.0) cm	(122.5 x 41.5 x 33.0) c
14.0 kg / 17.7 kg	11.4 kg / 14.5 kg	14.0 kg / 17.3 kg	13.5 kg / 17.4 kg
(94.0 x 37.0 x 68.0) cm	(87.0 x 36.5 x 56.0) cm	(94.0 x 37.0 x 68.0) cm	(94.0 x 37.0 x 68.0) cr
(102.0 x 45.5 x 74.0) cm	(91.0 x 41.5 x 59.0) cm	(102.0 x 45.5 x 74.0) cm	(102.0 x 45.5 x 74.0) c
39.0 kg / 44.6 kg	30.4 kg / 34.9 kg	42.6 kg / 48.2 kg	48.2 kg / 53.2 kg

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

#### **Technical Specifications: IAQ Series**

	SERIES NAME		FRESCA SERIES / IAQ SERIES
Specifications	Parameters	Unit	GLS18V5FWIAQ
	Description		1.5
	Star Rating		5
	Compressor Type / Refrigerant		Rotary / R-32
Electric Data			
	Power Supply	V-Hz-Ph	230 V~50 Hz 1 Phase
	Operating Voltage Range	V	100 V - 300 V
	Input Current (100% / 50%)	А	5.92 A / 3.11 A
Performance			
	Operating Temperature Range		16 °C ~ 60 °C
	Cooling Capacity (100% / 50%)	W	5250 W / 2625 W
	Input Power (100% / 50%)	W	1295 W / 465 W
	ISEER		5.20
	Air Flow**	m³/h	880 m³/h
	Air Throw Distance	m	15 m
	Annual Electricity Consumption	kWh	781.95 kWh
	IDU Noise*	dB	37 dB
	ODU Noise*	dB	57 dB
	Area Coverage***	m²	16.4 m²
Key Features			
	In-Built Air Purifier (Improves Indoor Air Quality / IAQ)		✓
	IAQ Color Indication (Side Display)		✓
	Real Time IAQ / PM 2.5 / PM 10 Sensing		✓
	ACP Mode (AC Convertible to Air Purifier)		✓
	6 in 1 Expandable AC (40 / 60 / 80 / 100 / 125 / Auto)		✓
	In-Built WiFi		✓
	Voice Enabled Operation		✓
	Plasma Protective Shield		<b>√</b>
	Puro Air Ionizer		✓
	Anti-Viral Dust Filter		✓
	Installation Check		✓
	Low Gas Detection		<b>√</b>
	Clean Filter Indication		<b>√</b>
	Turbo Cool		<b>√</b>
	Smart 4-Way Swing		✓ ✓
	3 Digit LED Display		<b>∀</b>
	BLDC Motor  Golden Fin Condenser		<b>√</b>
	Golden Fin Condenser  Golden Fin Evaporator		<b>→</b>
	Stabilizer Free Operation		<b>√</b>
	Low Battery indication on Remote		<b>→</b>
	Premium Remote Handset		· ✓
	Strong Dehumidifier		<i>→</i>
	Blow Function		<b>√</b>
	100% Copper		✓
	Eco Friendly Refrigerant		✓
	Anti Corrosion Coating		✓
Weight & Measu	_		
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(97.0 x 22.0 x 32.0) cm
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(97.0 x 32.0 x 22.0) cm
	IDU Packing (LxBxH)	cm	(107.0 x 40.3 x 30.5) cm
	IDU Net / Gross Weight	kg	11.5 kg / 15.0 kg
	ODU Dimensions (LxBxH)	cm	(89.8 x 36.3 x 59.3) cm
	ODU Packing (LxBxH)	cm	(94.5 x 44.0 x 64.0) cm
		kg	†

# **Technical Specifications: Intellilogic Series**

SERIES NAME			INTELLI-LOGIC SERIES					
Specifications Parameters Unit			GLS12V5FWGIL GLS18V5FWGIL GLS12V3FWSIL GLS18V3FWSIL					
	Description		1.0	1.5	1.0	1.5		
	Star Rating		5	5	3	3		
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32		
Electric Data			notary / 11 52	1101411/7/11/52	notally 7 11 32	notary 7 it 32		
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phas		
	Operating Voltage Range	V	100 V - 300 V	100 V - 300 V	140 V - 280 V	140 V - 280 V		
	Input Current (100% / 50%)	A	3.78 A / 2.36 A	5.83 A / 3.41 A	4.87 A / 3.15 A	7.40 A / 4.46 A		
Performance	input current (100707 3070)	, , , , , , , , , , , , , , , , , , ,	3.70 K/ 2.30 K	3.03 K/ 3.41 K	4.07 K/ 3.13 K	7.40 // 4.40 //		
	Operating Temperature Range		16 °C ~ 52 °C	16 °C ~ 52 °C	16 ℃ ~ 52 ℃	16 ℃ ~ 52 ℃		
	Cooling Capacity (100% / 50%)	W	3500 W / 1750 W	5220 W / 2610 W	3550 W / 1775 W	5250 W / 2625 W		
	Input Power (100% / 50%)	W	860 W / 325 W	1320 W / 471 W	1110 W / 430 W	1685 W / 615 W		
	ISEER	- "	5.07	5.09	3.93	3.96		
	Air Flow**	m³/h	650 m³/h	880 m³/h				
	Air Throw Distance		7 m	880 m-/n 10 m	650 m³/h	880 m³/h		
		kWh			7 m	10 m		
	Annual Electricity Consumption		533.89 kWh	794.34 kWh	698.49 kWh	1026.46 kWh		
	IDU Noise*	dB	34 dB	37 dB	34 dB	37 dB		
	ODU Noise*	dB	55 dB	57 dB	55 dB	57 dB		
v = .	Area Coverage***	m²	11.0 m <sup>2</sup>	16.4 m <sup>2</sup>	11.0 m <sup>2</sup>	16.4 m <sup>2</sup>		
Key Features	Fi 4.5 vill (40.450.400.440.44.1)							
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>		
	Smart 4-Way Swing		<b>√</b>	<b>√</b>	✓	✓		
	In-Built WiFi		✓	✓	✓	<b>√</b>		
	Automatic Humidity Control		✓	<b>√</b>	✓	<b>√</b>		
	Plasma Protective Shield		<b>√</b>	<b>√</b>				
	Anti-Viral Dust Filter		✓	✓	✓	<b>√</b>		
	HEPA Filter				✓	✓		
	Actived Carbon Filter				✓	✓		
	Turbo Cool		✓	✓	✓	✓		
	Installation Check		✓	✓	✓	✓		
	Low Gas Detection		✓	✓	✓	✓		
	Clean Filter Indication		✓	✓	✓	✓		
	Golden Fin Condenser		✓	✓	✓	✓		
	Golden Fin Evaporator		✓	✓	✓	✓		
	Hidden LED Display		✓	✓	✓	✓		
	Back Lit Remote		✓	✓	✓	✓		
	Stabilizer Free Operation		✓	✓	✓	✓		
	Strong Dehumidifier		✓	✓	✓	✓		
	Blow Function		✓	✓	✓	✓		
	100% Copper		✓	✓	✓	✓		
	Eco Friendly Refrigerant		✓	✓	✓	✓		
	Anti Corrosion Coating		✓	✓	✓	✓		
Weight & Measu								
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(88.5 x 20.0 x 29.8) cm	(100.0 x 22.0 x 32.0) cm	(88.5 x 20.0 x 29.8) cm	(100.0 x 22.0 x 32.0)		
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(88.5 x 29.8 x 20.0) cm	(100.0 x 32.0 x 22.0) cm	(88.5 x 29.8 x 20.0) cm	(100.0 x 32.0 x 22.0)		
	IDU Packing (LxBxH)	cm	(94.0 x 38.2 x 29.4) cm	(107.0 x 41.0 x 33.0) cm	(94.0 x 38.2 x 29.4) cm	(107.0 x 41.0 x 33.0)		
	IDU Net / Gross Weight	kg	9.6 kg / 12.3 kg	11.7 kg / 14.8 kg	9.3 kg / 12.1 kg	11.8 kg / 15.0 kg		
	ODU Dimensions (LxBxH)	cm	(87.0 x 36.5 x 56.0) cm	(89.8 x 36.3 x 59.3) cm	(83.5 x 30.0 x 52.0) cm	(87.0 x 36.5 x 56.0) c		
	ODU Packing (LxBxH)	cm	(91.0 x 41.5 x 59.0) cm	(94.5 x 44.0 x 64.0) cm	(92.5 x 38.3 x 59.8) cm	(91.0 x 41.5 x 59.0) (		
		i UII	1 (21.0 A 41.3 X 33.07 CH)	1 174.J X 44.U X 04.UJ (III)	1 174.J X 30.3 X 39.81 UII	i (71.0 X 41.1 X 19.0) (		

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

### Technical Specifications: Inverter\_5 Star

	SERIES NAME		GRAPHIC SERIES		COLOR SERIES	BLISS SERIES		
Specifications		Unit	GLS12I5FWGGS	GLS19I5KWGGS	GLS18I5FGCEM	GLS12I5FWRBV	GLS12I5FORBA	
Specifications		Unit						
	Description		1.0	1.5	1.5	1.0	1.0	
	Star Rating		5	5	5	5	5	
Electric Data	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	
Electric Data								
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	
	Operating Voltage Range	V	100 V - 300 V	100 V - 300 V	100 V - 300 V	100 V - 300 V	100 V - 300 V	
	Input Current (100% / 50%)	А	4.02 A / 2.04 A	5.92 A / 3.11 A	5.70 A / 3.04 A	3.78 A / 2.36 A	3.65 A /1.99 A	
Performance								
	Operating Temperature Range		16 °C ~ 52 °C	16 °C ~ 52 °C	16 ℃ ~ 52 ℃	16 ℃ ~ 52 ℃	16 ℃ ~ 52 ℃	
	Cooling Capacity (100% / 50%)	W	3500 W / 1750 W	5250 W / 2625 W	5100 W / 2550 W	3500 W / 1750 W	3500 W / 1750 W	
	Input Power (100% / 50%)	W	880 W/ 305 W	1295 W / 465 W	1245 W / 455 W	860 W/ 325 W	830 W / 320 W	
	ISEER		5.20	5.20	5.20	5.07	5.20	
	Air Flow**	m3/h	650 m³/h	880 m³/h	880 m³/h	650 m³/h	750 m³/h	
	Air Throw Distance	m	7 m	10 m	10 m	7 m	7 m	
	Annual Electricity Consumption	kWh	521.34 kWh	781.95 kWh	758.96 kWh	533.89 kWh	520.93 kWh	
	IDU Noise*	dB	34 dB	37 dB	37 dB	34 dB	35 dB	
	ODU Noise*	dB	55 dB	57 dB	57 dB	55 dB	50 dB	
	Area Coverage***	m2	11.0 m <sup>2</sup>	16.4 m <sup>2</sup>	15.8 m <sup>2</sup>	11.0 m <sup>2</sup>	11.0 m <sup>2</sup>	
<b>Key Features</b>								
	6 in 1 Convertible (40 / 60 / 80 / 100 / 110 / Auto)		✓	✓				
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)				✓	✓	✓	
	Smart 4-Way Swing		✓	✓	<b>✓</b>	✓	✓	
	Turbo Cool		✓	✓	✓	✓	✓	
	Installation Check		✓	✓	✓	✓	✓	
	Low Gas Detection		✓	✓	✓	✓	✓	
	Clean Filter Indication		✓	✓	✓	✓	✓	
	WiFi Ready (Optional WiFi)		<b>✓</b>	✓	✓	✓	✓	
	Anti-Viral Dust Filter		<b>✓</b>	✓	✓	✓	✓	
	PM 2.5 Filter		<b>√</b>	✓	✓	✓	✓	
	Golden Fin Condenser		<b>√</b>	<b>√</b>				
	Golden Fin Evaporator		✓	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	
	Hidden LED Display		✓	<b>√</b>		<b>√</b>	<b>√</b>	
	Side Display				<b>√</b>			
	Premium Remote Handset		<b>√</b>	<b>√</b>				
	Stabilizer Free Operation		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	
	Strong Dehumidifier		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	
	Blow Function		<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	
	100% Copper		<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	√ ·	
	Eco Friendly Refrigerant		<b>√</b>	<b>√</b>	<b>√</b>	√ ·	<b>√</b>	
	Anti Corrosion Coating		✓	✓	<b>√</b>	· ✓	<b>√</b>	
Weight & Mea	,			·	·	,	,	
-weight & Mea	IDU Dimensions (LxBxH) as per Actual Unit	cm	(84.5 x 20.0 x 29.8) cm	(97.0 x 22.0 x 32.0) cm	(100.0 x 22.0 x 32.7) cm	(86.2 x 20.2 x 30.0) cm	(84.1 x 21.6 x 28.5) cm	
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(84.5 x 29.8 x 20.0) cm	(97.0 x 22.0 x 32.0) cm	(100.0 x 22.0 x 32.7) cm	(86.2 x 30.0 x 20.2) cm		
	·	cm					(84.1 x 28.5 x 21.6) cm	
	IDU Packing (LxBxH)	cm	(94.0 x 38.2 x 29.4) cm	(107.0 x 40.3 x 30.5) cm	(110.0 x 40.0 x 31.5) cm	(94.0 x 38.2 x 29.4) cm	(93.4 x 35.5 x 31.1) cm	
	IDU Net / Gross Weight	kg	9.8 kg / 12.5 kg	11.5 kg / 15.0 kg	11.5 kg / 14.6 kg	9.8 kg / 12.5 kg	9.1 kg / 11.4 kg	
	ODU Dimensions (LxBxH)	cm	(87.0 x 36.5 x 56.0) cm	(89.8 x 36.3 x 59.3) cm	(89.8 x 36.3 x 59.3) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	
	ODU Packing (LxBxH)	cm	(91.0 x 41.5 x 59.0) cm	(94.5 x 44.0 x 64.0) cm	(94.5 x 44.0 x 64.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	
	ODU Net / Gross Weight	kg	25.2 kg / 29.5 kg	30.6 kg / 35.5 kg	29.0 kg / 33.8 kg	25.2 kg / 29.5 kg	24.9 kg / 29.0 kg	

### Technical Specifications: Inverter\_5 Star

CL518ISFWRBM	BLISS SERIES				ELEMENT SERIES			
5 S S S S S S S S S S S S S S S S S S S	GLS18I5FWRBM	GLS18I5FORBV	GLS18I5FWRBW	GLS18I5FORBW	GLS12I5FWGEV	GLS12I5F0GEA	GLS18I5FWGEM	GLS18I5F0GEV
Rotary / R-32   Rotary / R-30   Rotary / R-3	1.5	1.5	1.5	1.5	1.0	1.0	1.5	1.5
230V - 50 Hz - 1 Phase   230V - 50 Hz - 1 Ph	5	5	5	5	5	5	5	5
100V-300V	Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32
100V-300V								
S70 A / 3.04 A	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase
16°C - 52°C		100 V - 300 V	100 V - 300 V	100 V - 300 V		100 V - 300 V	100 V - 300 V	100 V - 300 V
	5.70 A / 3.04 A	5.42 A / 2.80 A	5.42 A /2.84 A	5.04 A / 2.95 A	3.78 A / 2.36 A	3.65 A /1.99 A	5.70 A / 3.04 A	5.42 A / 2.80 A
1245 W / 455 W   1235 W / 450 W   1185 W / 425 W   1135 W / 440 W   860 W / 325 W   830 W / 320 W   1245 W / 455 W   1235 W / 450 W   5.20								
5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20								
880 m³/h   1000 m³/h   880 m³/h   1000 m³/h   650 m³/h   750 m³/h   880 m³/h   1000 m³/h   10 m   10 m   10 m   7 m   7 m   10 m   10 m   10 m   7 m   7 m   10								
10 m								
758.96 kWh         751.65 kWh         715.07 kWh         714.50 kWh         533.89 kWh         520.93 kWh         758.96 kWh         751.65 kWh           37 dB         36 dB         37 dB         36 dB         34 dB         35 dB         37 dB         36 dB           57 dB         53 dB         57 dB         52 dB         55 dB         50 dB         57 dB         53 dB           15.8 m²         14.9 m²         14.9 m²         11.0 m²         11.0 m²         15.8 m²         15.8 m²         15.8 m²           Y								
37 dB 36 dB 37 dB 36 dB 34 dB 35 dB 37 dB 36 dB 57 dB 52 dB 52 dB 55 dB 50 dB 57 dB 53 dB 15.8 m² 14.9 m² 14.9 m² 11.0 m² 11.0 m² 15.8 m² 15.8 m² 15.8 m² 14.9 m² 14.9 m² 11.0 m² 11.0 m² 15.8 m² 15.8 m² 15.8 m² 14.9 m² 14.9 m² 11.0 m² 11.0 m² 15.8			·					
57 dB         53 dB         57 dB         52 dB         50 dB         57 dB         53 dB           15.8 m²         14.9 m²         14.9 m²         11.0 m²         11.0 m²         15.8 m²         15.8 m²           V         V         V         V         V         V         V         V           V         V         V         V         V         V         V         V           V         V         V         V         V         V         V         V         V           V								
15.8 m <sup>2</sup> 15.8 m <sup>2</sup> 14.9 m <sup>2</sup> 14.9 m <sup>2</sup> 11.0 m <sup>2</sup> 15.8 m								
	15.8 m <sup>2</sup>	15.8 m <sup>2</sup>	14.9 m²	14.9 m <sup>2</sup>	11.0 m <sup>2</sup>	11.0 m²	15.8 m <sup>2</sup>	15.8 m <sup>2</sup>
		/	/		/			
		,		·	1	-		
			·		·			
	<b>✓</b>							
	<b>✓</b>	<b>√</b>	<b>√</b>	✓	✓	<b>√</b>	<b>√</b>	✓
	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	✓
	<b>✓</b>	✓	✓	✓	✓	✓	<b>✓</b>	<b>√</b>
	✓	✓	✓	✓	✓	✓	✓	✓
<b>√ √ √ √ √ √</b>	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓
(98.6 x 22.0 x 32.0) cm (93.5 x 23.4 x 31.6) cm (98.6 x 22.0 x 32.0) cm (93.5 x 23.4 x 31.6) cm (98.6 x 22.0 x 32.0) cm (93.5 x 23.4 x 31.6) cm (87.0 x 21.7 x 30.0) cm (85.6 x 21.9 x 28.5) cm (100.0 x 22.0 x 32.7) cm (95.6 x 23.7 x 31.6) cm	(98.6 x 22.0 x 32.0) cm	(93.5 x 23.4 x 31.6) cm	(98.6 x 22.0 x 32.0) cm	(93.5 x 23.4 x 31.6) cm	(87.0 x 21.7 x 30.0) cm	(85.6 x 21.9 x 28.5) cm	(100.0 x 22.0 x 32.7) cm	(95.6 x 23.7 x 31.6) cm
(98.6 x 32.0 x 22.0) cm (93.5 x 31.6 x 23.4) cm (98.6 x 32.0 x 22.0) cm (93.5 x 31.6 x 23.4) cm (97.0 x 30.0 x 21.7) cm (85.6 x 28.5 x 21.9) cm (100.0 x 32.7 x 22.0) cm (95.6 x 31.6 x 23.7) cm	(98.6 x 32.0 x 22.0) cm	(93.5 x 31.6 x 23.4) cm	(98.6 x 32.0 x 22.0) cm	(93.5 x 31.6 x 23.4) cm	(87.0 x 30.0 x 21.7) cm	(85.6 x 28.5 x 21.9) cm	(100.0 x 32.7 x 22.0) cm	(95.6 x 31.6 x 23.7) cm
(107.0 x 40.3 x 30.5) cm (103.0 x 39.2 x 31.5) cm (107.0 x 40.3 x 30.5) cm (103.0 x 39.2 x 31.5) cm (103.0 x 39.2 x 31.5) cm (98.5 x 38.6 x 30.5) cm (93.4 x 35.5 x 31.1) cm (110.0 x 40.0 x 31.5) cm (103.0 x 39.2 x 31.5) cm	(107.0 x 40.3 x 30.5) cm	(103.0 x 39.2 x 31.5) cm	(107.0 x 40.3 x 30.5) cm	(103.0 x 39.2 x 31.5) cm	(98.5 x 38.6 x 30.5) cm	(93.4 x 35.5 x 31.1) cm	(110.0 x 40.0 x 31.5) cm	(103.0 x 39.2 x 31.5) cm
11.5 kg / 14.6 kg	11.5 kg / 14.6 kg	11.0 kg /14.0 Kg	11.5 kg / 14.6 kg	11.0 kg / 14.0 Kg	9.8 kg / 12.5 kg	9.0 kg / 11.3 kg	11.5 kg / 14.6 kg	11.0 kg / 14.0 kg
(89.8 x 36.3 x 59.3) cm (89.8 X 36.3 X 59.3) cm (87.0 x 36.5 x 56.0) cm (89.8 x 36.3 x 59.3) cm (89.8 x 36.3 x 59.3) cm	(89.8 x 36.3 x 59.3) cm	(89.8 X 36.3 X 59.3) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(89.8 x 36.3 x 59.3) cm	(89.8 X 36.3 X 59.3) cm
(94.5 x 44.0 x 64.0) cm (94.5 X 44.0 X 64.0) cm (91.0 x 41.5 x 59.0) cm (94.5 x 44.0 x 64.0) cm (94.5 x 44.0 x 64.0) cm	(94.5 x 44.0 x 64.0) cm	(94.5 X 44.0 X 64.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(94.5 x 44.0 x 64.0) cm	(94.5 X 44.0 X 64.0) cm
29.0 kg / 33.8 kg 28.5 kg / 33.6 kg 27.5 kg / 31.0 kg 27.7 kg / 32.3 kg 25.2 kg / 29.5 kg 24.9 kg / 29.0 kg / 29.0 kg / 33.8 kg 28.5 kg / 33.6 kg	29.0 kg / 33.8 kg	28.5 kg / 33.6 kg	27.5 kg / 31.0 kg	27.7 kg / 32.3 kg	25.2 kg / 29.5 kg	24.9 kg / 29.0 kg	29.0 kg / 33.8 kg	28.5 kg / 33.6 kg

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

#### **Technical Specifications: Inverter\_5 Star**

	SERIES NAME			ELEMENT SERIES		CLASSIC SERIES
Specifications	Parameters	Unit	GLS18I5FWGEW	GLS18I5F0GEW	GLS24I5FWGEV	GLS12I5F0GEC
•	Description		1.5	1.5	2.0	1.0
	Star Rating		5	5	5	5
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Duo Rotary / R-32	Rotary / R-32
Electric Data	compressor type / nemgerane		Notary / N-32	Notary / N-32	Duo Notary / N-32	notary / N 32
Liectific Data	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase
	Operating Voltage Range		100 V - 300 V	100 V - 300 V	100 V - 300 V	100 V - 300 V
		V		5.04 A / 2.95 A	7.16 A / 4.13 A	3.23 A /1.86 A
Danfannana	Input Current (100% / 50%)	A	5.42 A /2.84 A	3.04 A / 2.93 A	7.10 A / 4.13 A	3.23 A / 1.00 A
Performance	Onevating Temperature Dange		16 °C ~ 52 °C	16 °C ~ 52 °C	16 °C ~ 52 °C	16 °C ~ 52 °C
	Operating Temperature Range	14/				
	Cooling Capacity (100% / 50%)	W	4800 W / 2400 W	4800 W / 2400 W	6340 W / 3170 W	3200 W / 1600 W
	Input Power (100% / 50%)	W	1185 W / 425 W	1135 W / 440 W	1630 W / 570 W	735 W / 300 W
	ISEER		5.20	5.20	5.06	5.20
	Air Flow**	m³/h	880 m³/h	1000 m³/h	1270 m³/h	600 m³/h
	Air Throw Distance	m	10 m	10 m	12 m	5 m
	Annual Electricity Consumption	kWh	715.07 kWh	714.50 kWh	970.29 kWh	476.00 kWh
	IDU Noise*	dB	37 dB	36 dB	38 dB	34 dB
	ODU Noise*	dB	57 dB	52 dB	57 dB	49 dB
	Area Coverage***	m2	14.9 m <sup>2</sup>	14.9 m²	19.7 m <sup>2</sup>	11.0 m <sup>2</sup>
Key Features						
	6 in 1 Convertible (40 / 60 / 80 / 100 / 110 / Auto)					
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)		✓	✓	✓	✓
	Smart 4-Way Swing		✓	✓	✓	✓
	Turbo Cool		✓	✓	✓	✓
	Installation Check		✓	✓	✓	✓
	Low Gas Detection		✓	✓	✓	✓
	Clean Filter Indication		✓	✓	✓	✓
	WiFi Ready (Optional WiFi)		✓	✓	✓	✓
	Anti-Viral Dust Filter		✓	✓	✓	✓
	PM 2.5 Filter				✓	
	Golden Fin Condenser					
	Golden Fin Evaporator		✓	✓	✓	✓
	Hidden LED Display		✓	✓	✓	✓
	Side Display					
	Premium Remote Handset					
	Stabilizer Free Operation		<b>√</b>	✓	✓	✓
	Strong Dehumidifier		✓	✓	<b>√</b>	✓
	Blow Function		✓	<b>√</b>	<b>√</b>	✓
	100% Copper		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
	Eco Friendly Refrigerant		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
	Anti Corrosion Coating		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
Weight & Mea	, and the second					
a. eight a mea	IDU Dimensions (LxBxH) as per Actual Unit	cm	(100.0 x 22.0 x 32.7) cm	(95.6 x 23.7 x 31.6) cm	(116.1 x 24.0 x 34.0) cm	(76.5 x 20.0 x 30.0) cm
	IDU Dimensions (LxBxH) as per SOWM Label		(100.0 x 22.0 x 32.7) cm	(95.6 x 31.6 x 23.7) cm	(116.1 x 34.0 x 24.0) cm	(76.5 x 30.0 x 20.0) cm
	IDU Packing (LxBxH)	cm	(110.0 x 40.0 x 31.5) cm	(103.0 x 39.2 x 31.5) cm	(127.0 x 41.5 x 33.5) cm	(81.0 x 35.5 x 27.0) cm
	IDU Net / Gross Weight	CM Ica		11.0 kg / 14.0 Kg		
		kg	11.5 kg / 14.6 kg		14.2 kg / 18.0 kg	8.8 kg / 10.9 kg
	ODU Dimensions (LxBxH)	cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(94.0 x 37.0 x 68.0) cm	(83.5 X 30.0 X 52.0) cm
	ODU Packing (LxBxH)	cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(102.0 x 45.5 x 74.0) cm	(92.5 X 38.3 X 56.8) cm
* Under lab test cond	ODU Net / Gross Weight	kg	27.5 kg / 31.0 kg	27.7 kg / 32.3 kg	34.6 kg / 40.4 kg	22.6 kg / 27.0 kg

#### **Technical Specifications: Inverter\_4 Star**

SERIES NAME			XTREME SERIES		
Specifications Parameters			GLS12I4FWCXV	GLS18I4FWCXA	
	Description		1.0	1.5	
	Star Rating		4	4	
	Compressor Type /		Rotary / R-32	Rotary / R-32	
Electric Data					
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	
	Operating Voltage Range	V 112 1 11	100 V - 300 V	100 V - 300 V	
	Input Current (100% / 50%)	A	4.24 A / 2.79 A	5.97 A / 3.61 A	
Performance	input current (100707 3070)	Α	4.24 N / 2.7 J N	3.37 1(7 3.01 1(	
	Operating Temperature Range		16 °C ~ 52 °C	16 °C ~ 52 °C	
	Cooling Capacity (100% / 50%)	W	3550 W / 1775 W	5050 W / 2525 W	
	Input Power (100% / 50%)	W	965 W / 385 W		
	ISEER	VV	4.45	1345 W / 540 W	
	Air Flow**	m³/h	650 m³/h	4.53 880 m³/h	
	Air Throw Distance	m	7 m	10 m	
	Annual Electricity Consumption	kWh	617.14 kWh	863.15 kWh	
	IDU Noise*	dB	34 dB	37 dB	
	ODU Noise*	dB	55 dB	57 dB	
	Area Coverage***	m <sup>2</sup>	11.0 m <sup>2</sup>	15.8 m <sup>2</sup>	
Key Features	Area coverage	111-	11.0111	15.6111	
Rey reatures	Fig 1 Compositible (40 / CO / 90 / 100 / Auto)		✓	✓	
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)		<b>→</b>	<b>∀</b>	
	Smart 4-Way Swing Turbo Cool		<b>→</b>	<b>∀</b>	
			<b>√</b>	<b>√</b>	
	Installation Check		<b>√</b>	<b>∀</b>	
	Low Gas Detection		<b>√</b>	<b>√</b>	
	Clean Filter Indication				
	WiFi Ready (Optional WiFi)		<b>√</b>	<b>√</b>	
	Anti-Viral Dust Filter		<b>√</b>	<b>√</b>	
	PM 2.5 Filter		<u>√</u>	<b>√</b>	
	Golden Fin Evaporator		<u>√</u>	<b>√</b>	
	Hidden LED Display		<u>√</u>	<b>√</b>	
	Stabilizer Free Operation		<u>√</u>	<b>√</b>	
	Strong Dehumidifier		<u>√</u>	<b>√</b>	
	Blow Function		<u>√</u>	<b>√</b>	
	100% Copper		<b>√</b>	<b>√</b>	
	Eco Friendly Refrigerant		<b>√</b>	<b>√</b>	
W-:	Anti Corrosion Coating		✓	✓	
Weight & Meas					
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(86.0 x 21.5 x 30.0) cm	(98.2 x 22.0 x 32.0) cm	
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(86.0 x 30.0 x 21.5) cm	(98.2 x 32.0 x 22.0) cm	
	IDU Packing (LxBxH)	cm	(94.0 x 38.2 x 29.4) cm	(107.0 x 40.3 x 30.5) cm	
	IDU Net / Gross Weight	kg	9.7 kg / 12.2 kg	11.8 kg / 14.8 kg	
	ODU Dimensions (LxBxH)	cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	
	ODU Packing (LxBxH)	cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	
	ODU Net / Gross Weight	kg	23.5 kg / 27.8 kg	27.5 kg / 31.9 kg	

<sup>\*</sup>Under lab test condition

\*\* Dry Airflow

\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

<sup>\*</sup> Under lab test condition

\*\* Dry Airflow

\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

### Technical Specifications: Sapphire\_Pearl\_5 Star

	SERIES NAME	SAPPHIRE SERIES					
	JEINES IVANE		2000				
Specifications	Parameters	Unit	GLS12I5FOBAA	GLS12I5FOGAD	GLS18I5FOCVV		
	Description		1.0	1.0	1.5		
	Star Rating		5	5	5		
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32		
Electric Data							
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase		
	Operating Voltage Range	V	100 V - 300 V	100 V - 300 V	100 V - 300 V		
	Input Current (100% / 50%)	Α	3.65 A / 1.99 A	3.23 A / 1.86 A	5.42 A / 2.80 A		
Performance							
	Operating Temperature Range		16 °C ~ 52 °C	16 °C ~ 52 °C	16 °C ~ 52 °C		
	Cooling Capacity (100% / 50%)	W	3500 W / 1750 W	3200 W / 1600 W	5050 W / 2525 W		
	Input Power (100% / 50%)	W	830 W / 320 W	735 W / 300 W	1235 W / 450 W		
	ISEER		5.20	5.20	5.20		
	Air Flow**	m³/h	750 m³/h	600 m³/h	1000 m³/h		
	Air Throw Distance	m	7 m	5 m	10 m		
	Annual Electricity Consumption	kWh	520.93 kWh	476.00 kWh	751.65 kWh		
	IDU Noise*	dB	35 dB	34 dB	36 dB		
	ODU Noise*	dB	50 dB	49 dB	53 dB		
	Area Coverage***	m²	11.0 m²	11.0 m <sup>2</sup>	15.8 m²		
Key Features							
	6 in 1 Convertible (40 / 60 / 80 / 100 / 110 / Auto)						
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)		✓	✓	✓		
	Smart 4-Way Swing		✓	✓	✓		
	Turbo Cool		✓	✓	✓		
	Installation Check		✓	✓	✓		
	Low Gas Detection		✓	✓	✓		
	Clean Filter Indication		✓	✓	✓		
	WiFi Ready (Optional WiFi)		✓	✓	✓		
	Anti-Viral Dust Filter		✓	✓	✓		
	PM 2.5 Filter		✓		✓		
	Golden Fin Condenser						
	Golden Fin Evaporator		✓	✓	✓		
	Hidden LED Display		✓	✓	✓		
	Side Display						
	Premium Remote Handset						
	Stabilizer Free Operation		✓	✓	✓		
	Strong Dehumidifier		✓	✓	✓		
	Blow Function		✓	✓	✓		
	100% Copper		✓	✓	✓		
	Eco Friendly Refrigerant		✓	✓	✓		
	Anti Corrosion Coating		✓	✓	✓		
Weight & Measu	ırement						
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(82.4 x 19.8 x 28.5) cm	(76.5 x 20.0 x 30.0) cm	(92.0 x 22.0 x 31.6) cm		
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(82.4 x 28.5 x 19.8) cm	(76.5 x 30.0 x 20.0) cm	(92.0 x 31.6 x 22.0) cm		
	IDU Packing (LxBxH)	cm	(90.2 x 36.0 x 28.5) cm	(81.0 x 35.5 x 27.0) cm	(103.0 x 39.2 x 31.5) cm		
	IDU Net / Gross Weight	kg	9.0 kg / 11.3 kg	8.8 kg / 10.9 kg	11.0 kg / 14.0 kg		
	ODU Dimensions (LxBxH)	cm	(87.0 x 36.5 x 56.0) cm	(83.5 x 30.0 x 52.0) cm	(89.8 x 36.3 x 59.3) cm		
	ODU Packing (LxBxH)	cm	(91.0 x 41.5 x 59.0) cm	(92.5 x 38.3 x 56.8) cm	(94.5 x 44.0 x 64.0) cm		
	ODU Net / Gross Weight	kg	24.9 kg / 29.0 kg	22.6 kg / 27.0 kg	28.5 kg / 33.6 kg		

### Technical Specifications: Sapphire\_Pearl\_5 Star

SAPPHIRE SERIES		PEARL SERIES	
GLS18I5FORAD	GLS12I5FOSAA	GLS18I5FOBEV	GLS18I5FOATW
1.5	1.0	1.5	1.5
5	5	5	5
Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32
230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase
100 V - 300 V	100 V - 300 V	100 V - 300 V	100 V - 300 V
5.04 A / 2.95 A	3.65 A / 1.99 A	5.42 A / 2.80 A	5.04 A / 2.95 A
16 °C ~ 52 °C	16 °C ~ 52 °C	16 °C ~ 52 °C	16 °C ~ 52 °C
4800 W / 2400 W	3500 W / 1750 W	5050 W / 2525 W	4800 W / 2400 W
1135 W / 440 W	830 W / 320 W	1235 W / 450 W	1135 W / 440 W
5.20	5.20	5.20	5.20
1000 m³/h	750 m³/h	1000 m³/h	1000 m³/h
10 m	7 m	10 m	10 m
714.50 kWh	520.93 kWh	751.65 kWh	714.50 kWh
36 dB	35 dB	36 dB	36 dB
52 dB	50 dB	53 dB	52 dB
14.9 m <sup>2</sup>	11.0 m <sup>2</sup>	15.8 m <sup>2</sup>	14.9 m <sup>2</sup>
	1110111	15.6111	11.5111
<b>√</b>	✓	<b>✓</b>	<b>√</b>
✓	✓	✓	✓
✓	✓	<b>✓</b>	<b>√</b>
✓	✓	<b>✓</b>	<b>√</b>
✓	✓	<b>✓</b>	<b>√</b>
✓	✓	<b>√</b>	<b>√</b>
✓	✓	<b>✓</b>	<b>√</b>
✓	<b>√</b>	<b>✓</b>	<b>√</b>
	✓	<b>✓</b>	
✓	✓	<b>✓</b>	<b>√</b>
✓	✓	<b>✓</b>	<b>√</b>
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
(92.0 x 22.0 x 31.6) cm	(82.4 x 21.6 x 28.5) cm	(92.0 x 23.7 x 31.6) cm	(92.0 x 23.7 x 31.6) cm
(92.0 x 31.6 x 22.0) cm	(82.4 x 28.5 x 21.6) cm	(92.0 x 31.6 x 23.7) cm	(92.0 x 31.6 x 23.7) cm
(103.0 x 39.2 x 31.5) cm	(90.2 x 36.0 x 28.5) cm	(103.0 x 39.2 x 31.2) cm	(103.0 x 39.2 x 31.2) cm
11.0 kg / 14.0 kg	9.0 kg / 11.3 kg	11.0 kg / 14.0 kg	11.0 kg / 14.0 kg
(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(89.8 x 36.3 x 59.3) cm	(87.0 x 36.5 x 56.0) cm
(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(94.5 x 44.0 x 64.0) cm	(91.0 x 41.5 x 59.0) cm
27.7 kg / 32.3 kg	24.9 kg / 29.0 kg	28.5 kg / 33.6 kg	27.7 kg / 32.3 kg
L			

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

# Technical Specifications: Inverter\_3 Star

	SERIES NAME		GRAPHIC	SERIES	HYBRID SERIES	COLOR SERIES
Specifications	Parameters	Unit	GLS12I3FWSGS	GLS19I3FWSGS	GLS18I3FWSCR	GLS18I3FRCEV
	Description		1.0	1.5	1.5	1.5
	Star Rating		3	3	3	3
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32
tric Data						
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase
	Operating Voltage Range	V	140 V - 280 V	140 V - 280 V	140 V - 280 V	140 V - 280 V
	Input Current (100% / 50%)	Α	4.83 A / 2.98 A	7.46 A / 4.25 A	7.01 A / 4.18 A	7.57 A / 4.20 A
ormance						
	Operating Temperature Range		16 °C ~ 52 °C	16 °C ~ 52 °C	16 °C ~ 52 °C	16 °C ~ 52 °C
	Cooling Capacity (100% / 50%)	W	3550 W / 1775 W	5250 W / 2625 W	5200 W / 2600 W	5050 W / 2525 W
	Input Power (100% / 50%)	W	1055 W / 445 W	1630 W / 635 W	1580 W / 625 W	1715 W / 580 W
	ISEER		3.95	3.95	4.00	3.90
	Air Flow**	m³/h	650 m³/h	880 m³/h	880 m³/h	880 m³/h
	Air Throw Distance	m	7 m	10 m	10 m	10 m
	Annual Electricity Consumption	kWh	695.80 kWh	1028.87 kWh	1005.71 kWh	1002.76 kWh
	IDU Noise*	dB	34 dB	37 dB	37 dB	40 dB
	ODU Noise*	dB	55 dB	57 dB	57 dB	57 dB
	Area Coverage***	m²	11.0 m <sup>2</sup>	16.4 m²	15.8 m <sup>2</sup>	15.8 m <sup>2</sup>
Features						
	6 in 1 Convertible (40 / 60 / 80 / 100 / 110 / Auto)		✓	✓		
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)				✓	✓
	Hybrid Inverter (Constant Mode)				✓	
	Smart 4-Way Swing		✓	✓	✓	✓
	Turbo Cool		✓	✓	✓	✓
	Installation Check		✓	✓	✓	✓
	Low Gas Detection		✓	✓	✓	✓
	Clean Filter Indication		✓	✓	✓	✓
	WiFi Ready (Optional WiFi)		✓	✓	✓	✓
	Anti-Viral Dust Filter		✓	✓	✓	✓
	PM 2.5 Filter		✓	✓	✓	✓
	Golden Fin Condenser		✓	✓		
	Golden Fin Evaporator		✓	✓	✓	✓
	Hidden LED Display		✓	✓	✓	
	Side LED Display					✓
	Premium Remote Handset		✓	✓		
	Stabilizer Free Operation		<b>✓</b>	✓	✓	<b>√</b>
	Strong Dehumidifier		<b>√</b>	✓	✓	✓
	Blow Function		✓	✓	✓	✓
	100% Copper		✓	✓	✓	✓
	Eco Friendly Refrigerant		✓	✓	✓	✓
	Anti Corrosion Coating		✓	<b>√</b>	✓	✓
ight & Measu	-					
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(84.5 x 20.0 x 29.8) cm	(97.0 x 22.0 x 32.0) cm	(100.0 x 22.0 x 32.7) cm	(100.0 x 22.0 x 32.7) cm
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(84.5 x 29.8 x 20.0) cm	(97.0 x 32.0 x 22.0) cm	(100.0 x 32.7 x 22.0) cm	(100.0 x 32.7 x 22.0) cm
	IDU Packing (LxBxH)	cm	(94.0 x 38.2 x 29.4) cm	(107.0 x 40.3 x 30.5) cm	(110.0 x 40.0 x 31.5) cm	(110.0 x 40.0 x 31.5) cm
	IDU Net / Gross Weight	kg	9.4 kg / 12.0 kg	11.2 kg / 14.3 kg	11.5 kg / 14.6 kg	12.1 kg / 15.2 kg
	ODU Dimensions (LxBxH)	cm	(83.5 x 30.0 x 52.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm
	ODU Packing (LxBxH)	cm	(92.5 x 38.3 x 56.8) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm

# Technical Specifications: Inverter\_3 Star

1.0 1.0 1.5 1.5 1.5 1.5 1.5 1.5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	BLISS SERIES								
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	GLS12I3FWSBA	GLS12I3F0SBV	GLS18I3KWSBV	GLS18I3LWSBA	GLS18I3FOSBV	GLS18I3FOSBW			
Rotary / R-32         Rotary	1.0	1.0	1.5	1.5	1.5	1.5			
230V-50Hz-1Phase 230V-50Hz-1Phase 230V-50Hz-1Phase 230V-50Hz-1Phase 230V-50Hz-1Phase 140V-280V 160V-280V 140V-280V 140V-280V 140V-280V 140V-280V 140V-280V 160V-280V 160V-280V 160V-280V 170V-280V 160V-280V 160V-280V 160V-280V 160V-280V 170V-280V 170V-280V 170V-280V 170V-280V 170V-280V 160V-280V 170V-280V 160V-280V 170V-280V	3	3	3	3	3	3			
230V-50Hz-1Phase 230V-50Hz-1Phase 230V-50Hz-1Phase 230V-50Hz-1Phase 140V-280V 150V 150S W 161S W 16	Rotary / R-32								
140 V - 280 V V									
4.87 A / 3.15 A 5.03 A / 3.78 A 7.08 A / 4.42 A 7.39 A / 2.95 A 7.39 A / 5.30 A 6.61 A / 3.65 A 16 °C ~ 52 °C ~ 16 °C ~ 100	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase			
16 °C ~ 52 °C	140 V - 280 V								
3550 W / 1775 W   3550 W / 1775 W   5050 W / 2525 W   5050 W / 2525 W   1110 W / 430 W   1100 W / 435 W   1605 W / 610 W   1505 W / 588 V   3.93   3.93   3.91   3.91   3.90   3.95	4.87 A / 3.15 A	5.03 A / 3.78 A	7.08 A / 4.42 A	7.39 A / 2.95 A	7.39 A / 5.30 A	6.61 A / 3.65 A			
3550 W / 1775 W   3550 W / 1775 W   5050 W / 2525 W   5050 W / 2525 W   1110 W / 430 W   1100 W / 435 W   1605 W / 610 W   1505 W / 588 V   3.93   3.93   3.91   3.91   3.90   3.95				ı					
1110 W / 430 W   1100 W / 435 W   1605 W / 610 W   1605 W / 610 W   1605 W / 610 W   1305 W / 588 W	16 °C ~ 52 °C	16 ℃ ~ 52 ℃	16 °C ~ 52 °C						
3.93   3.93   3.91   3.91   3.90   3.95	3550 W / 1775 W	3550 W / 1775 W	5050 W / 2525 W	5050 W / 2525 W	5050 W / 2525 W	4850 W / 2425 W			
	1110 W / 430 W	1100 W / 435 W	1605 W / 610 W	1605 W / 610 W	1615 W / 610 W	1505 W / 588 W			
7 m         7 m         10 m         10 m         10 m         10 m           698.49 kWh         700.06 kWh         999.49 kWh         999.49 kWh         1002.31 kWh         951.47 kWh           34 dB         34 dB         37 dB         37 dB         36 dB         36 dB         36 dB           55 dB         49 dB         57 dB         57 dB         52 dB         51 dB           11.0 m²         11.0 m²         15.8 m²         15.8 m²         15.8 m²         14.9 m²           V         V         V         V         V         V         V           V<	3.93	3.93	3.91	3.91	3.90	3.95			
698.49 kWh 700.06 kWh 999.49 kWh 999.49 kWh 1002.31 kWh 951.47 kWh 34 dB 34 dB 37 dB 36 dB 36 dB 36 dB 55 dB 49 dB 57 dB 57 dB 52 dB 51 dB 11.0 m² 11.0 m² 15.8 m² 15.8 m² 15.8 m² 14.9 m² 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	650 m³/h	600 m³/h	880 m³/h	880 m³/h	1000 m³/h	1000 m³/h			
34 dB     34 dB     37 dB     37 dB     36 dB     36 dB       55 dB     49 dB     57 dB     57 dB     52 dB     51 dB       11.0 m²     11.0 m²     15.8 m²     15.8 m²     15.8 m²     14.9 m²       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V     V     V       V     V     V     V	7 m	7 m	10 m	10 m	10 m	10 m			
55 dB     49 dB     57 dB     57 dB     52 dB     51 dB       11.0 m²     11.0 m²     15.8 m²     15.8 m²     15.8 m²     14.9 m²       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V     V       V     V     V     V <td>698.49 kWh</td> <td>700.06 kWh</td> <td>999.49 kWh</td> <td>999.49 kWh</td> <td>1002.31 kWh</td> <td>951.47 kWh</td>	698.49 kWh	700.06 kWh	999.49 kWh	999.49 kWh	1002.31 kWh	951.47 kWh			
11.0 m <sup>2</sup> 15.8 m <sup>2</sup> 15.8 m <sup>2</sup> 15.8 m <sup>2</sup> 15.8 m <sup>2</sup> 14.9 m <sup>2</sup> 14.9 m <sup>2</sup> 15.8 m <sup>2</sup> 14.9 m <sup>2</sup> 15.8 m <sup>2</sup> 15.8 m <sup>2</sup> 14.9 m <sup>2</sup> 15.8 m <sup>2</sup> 15.8 m <sup>2</sup> 14.9 m <sup>2</sup> 15.8 m <sup>2</sup> 15.8 m <sup>2</sup> 14.9 m <sup>2</sup> 15.8 m <sup>2</sup>	34 dB	34 dB	37 dB	37 dB	36 dB	36 dB			
	55 dB	49 dB	57 dB	57 dB	52 dB	51 dB			
	11.0 m <sup>2</sup>	11.0 m <sup>2</sup>	15.8 m²	15.8 m <sup>2</sup>	15.8 m <sup>2</sup>	14.9 m²			
				T					
	✓	✓	✓	✓	✓	✓			
						✓			
						✓			
					✓	✓			
✓         ✓         ✓         ✓         ✓         ✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓				
<b>V V V V</b>			,		,				
<b>√ √ √ √</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>			
		./	<i>J</i>	<i>J</i>	./	./			
(86.2 x 20.2 x 30.0) cm (84.1 x 21.6 x 28.5) cm (98.6 x 22.0 x 32.0) cm (98.6 x 22.0 x 32.0) cm (93.5 x 23.4 x 31.6) cm (93.5 x 23.4 x 31.6)	(86.2 x 20.2 x 30.0) cm	(84.1 x 21.6 x 28.5) cm	(98.6 x 22.0 x 32.0) cm	(98.6 x 22.0 x 32.0) cm	(93,5 x 23.4 x 31.6) cm	(93.5 x 23.4 x 31.6) cm			
						(93.5 x 31.6 x 23.4) cm			
						(103.0 x 39.2 x 31.5) cm			
						10.5 kg /13.9 kg			
		-			-	(83.5 x 30.0 x 52.0) cm			
						(92.5 x 38.3 x 56.8) cm			
						23.5 kg / 28.2 kg			

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air-conditioned

### Technical Specifications: Inverter\_3 Star

	Parameters				BLISS SERIES (RD)		
		Unit	GLS12I3FWBBA	GLS18I3KWBBA	GLS18I3LWBBA	GLS0913F0SEV	
	Description		1.0	1.5	1.5	0.8	
<u> </u>	Star Rating		3	3	3	3	
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	
Electric Data							
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	
	Operating Voltage Range	V	140 V - 280 V	140 V - 280 V	140 V - 280 V	140 V - 280 V	
	Input Current (100% / 50%)	Α	4.87 A / 3.15 A	7.08 A / 4.42 A	7.39 A / 2.95 A	5.93 A / 2.55 A	
Performance							
	Operating Temperature Range		16 ℃ ~ 52 ℃	16 ℃ ~ 52 ℃	16 ℃ ~ 52 ℃	16 °C ~ 52 °C	
	Cooling Capacity (100% / 50%)	W	3550 W / 1775 W	5050 W / 2525 W	5050 W / 2525 W	2700 W / 1350 W	
	Input Power (100% / 50%)	W	1110 W / 430 W	1605 W / 610 W	1605 W / 610 W	830 W / 352 W	
	ISEER		3.93	3.91	3.91	3.81	
	Air Flow**	m³/h	650 m³/h	880 m³/h	880 m³/h	600 m³/h	
	Air Throw Distance	m	7 m	10 m	10 m	5 m	
	Annual Electricity Consumption	kWh	698.49 kWh	999.49 kWh	999.49 kWh	549.06 kWh	
<del>-</del>	IDU Noise*	dB	34 dB	37 dB	37 dB	34 dB	
	ODU Noise*	dB	55 dB	57 dB	57 dB	46 dB	
	Area Coverage***	m <sup>2</sup>	11.0 m <sup>2</sup>	15.8 m <sup>2</sup>	15.8 m <sup>2</sup>	8.2 m <sup>2</sup>	
Key Features							
	6 in 1 Convertible (40 / 60 / 80 / 100 / 110 / Auto)						
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)		✓	✓	✓	✓	
	Hybrid Inverter (Constant Mode)						
	Smart 4-Way Swing		✓	✓	✓	✓	
<b>⊢</b>	Turbo Cool		✓	✓	✓	✓	
	Installation Check		✓	✓	✓	✓	
	Low Gas Detection		✓	✓	✓	✓	
	Clean Filter Indication		✓	✓	✓	✓	
	WiFi Ready (Optional WiFi)		✓	✓	✓	✓	
-	Anti-Viral Dust Filter		<b>√</b>	✓	✓	✓	
	PM 2.5 Filter		✓	✓	✓	✓	
	Golden Fin Condenser						
_	Golden Fin Evaporator		✓	✓	✓	✓	
<u> </u>	Hidden LED Display		✓	✓	✓	✓	
<del>-</del>	Side LED Display						
	Premium Remote Handset						
	Stabilizer Free Operation		✓	✓	✓	✓	
-	Strong Dehumidifier		✓	✓	✓	✓	
<del>-</del>	Blow Function		✓	✓	✓	✓	
	100% Copper		✓	✓	✓	✓	
	Eco Friendly Refrigerant		✓	✓	✓	✓	
<del>-</del>	Anti Corrosion Coating		✓	✓	✓	✓	
Weight & Measure							
-	IDU Dimensions (LxBxH) as per Actual Unit	cm	(86.2 x 20.2 x 30.0) cm	(98.6 x 22.0 x 32.0) cm	(98.6 x 22.0 x 32.0) cm	(76.5 x 20.0 x 30.0) cm	
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(86.2 x 30.0 x 20.2) cm	(98.6 x 32.0 x 22.0) cm	(98.6 x 32.0 x 22.0) cm	(76.5 x 30.0 x 20.0) cm	
	IDU Packing (LxBxH)	cm	(94.0 x 38.2 x 29.4) cm	(107.0 x 40.3 x 30.5) cm	(107.0 x 40.3 x 30.5) cm	(81.0 x 35.5 x 27.0) cm	
<del>-</del>	IDU Net / Gross Weight	kg	9.4 kg / 12.0 kg	11.5 kg / 14.6 kg	11.5 kg / 14.6 kg	8.5 kg / 10.7 kg	
<del>_</del>	ODU Dimensions (LxBxH)	cm	(83.5 x 30.0 x 52.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(74.0 x 29.0 x 44.0) cm	
-	ODU Packing (LxBxH)	cm	(92.5 x 38.3 x 56.8) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(82.0 x 35.0 x 48.0) cm	
	ODU Net / Gross Weight	kg	20.6 kg / 24.8 kg	26.0 kg / 30.4 kg	26.0 kg / 30.4 kg	18.4 kg / 22.2 kg	

### Technical Specifications: Inverter\_3 Star

ELEMENT SERIES									
GLS12I3FWSEA	GLS12I3FW0EA (WK)	GLS12I3F0SEV	GLS15I3FWSEV	GLS18I3KWSEV	GLS18I3LWSEA	GLS18I3FWSEK (WK)			
1.0	1.0	1.0	1.2	1.5	1.5	1.5			
3	3	3	3	3	3	3			
Rotary / R-32	Rotary / R-32	Rotary / R-32							
230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase			
140 V - 280 V	140 V - 280 V	140 V - 280 V							
4.87 A / 3.15 A	4.87 A / 3.15 A	5.03 A / 3.78 A	5.84 A / 3.88 A	7.08 A / 4.42 A	7.39 A / 2.95 A	7.39 A / 2.95 A			
16 °C ~ 52 °C	16 ℃ ~ 52 ℃	16 °C ~ 52 °C	16 ℃ ~ 52 ℃	16 °C ~ 52 °C	16 ℃ ~ 52 ℃	16 ℃ ~ 52 ℃			
3550 W / 1775 W	3550 W / 1775 W	3550 W / 1775 W	4250 W / 2125 W	5050 W / 2525 W	5050 W / 2525 W	5050 W / 2525 W			
1110 W / 430 W	1110 W / 430 W	1100 W / 435 W	1330 W / 535 W	1605 W / 610 W	1605 W / 610 W	1605 W / 610 W			
3.93	3.93	3.93	3.85	3.91	3.91	3.91			
650 m³/h	650 m³/h	600 m³/h	650 m³/h	880 m³/h	880 m³/h	880 m³/h			
7 m	7 m	7 m	7 m	10 m	10 m	10 m			
698.49 kWh	698.49 kWh	700.06 kWh	854.42 kWh	999.49 kWh	999.49 kWh	999.49 kWh			
34 dB	34 dB	34 dB	34 dB	37 dB	37 dB	37 dB			
55 dB	55 dB	49 dB	55 dB	57 dB	57 dB	57 dB			
11.0 m <sup>2</sup>	11.0 m <sup>2</sup>	11.0 m <sup>2</sup>	11.0 m <sup>2</sup>	15.8 m <sup>2</sup>	15.8 m <sup>2</sup>	15.8 m <sup>2</sup>			
				,	,				
<b>√</b>	✓	✓	<b>√</b>	✓	✓	<b>√</b>			
			,	,	,				
<b>√</b>	,	✓ ✓	✓ ✓	<b>√</b>	<b>√</b>				
✓ ✓	√ √	<b>√</b>	<b>√</b>	✓ ✓	<b>√</b>	✓ ✓			
<b>√</b>	<b>→</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>→</b>	<b>✓</b>			
<b>√</b>	<b>→</b>	<b>√</b>	<b>∀</b>	<b>V</b>	<b>√</b>	<b>√</b>			
<b>√</b>	<b>√</b>	<b>√</b>	<b>∨</b>	<b>∨</b>	<b>∨</b>	<b>∨</b>			
<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
· ·	•	•	•	•	•	•			
<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓			
· ✓	· ·	<b>√</b>	<i>√</i>	<i>√</i>	· ✓	<b>√</b>			
,	•	•	,	,	r	r			
✓	✓	✓	<b>√</b>	<b>√</b>	✓	✓			
✓	✓	✓	✓	✓	✓	✓			
✓	✓	✓	✓	✓	✓	✓			
✓	✓	✓	✓	✓	✓	✓			
✓	✓	✓	✓	✓	✓	✓			
✓	✓	✓	✓	✓	✓	✓			
(87.0 x 21.7 x 30.0) cm	(87.0 x 21.7 x 30.0) cm	(85.6 x 21.9 x 28.5) cm	(87.0 x 21.7 x 30.0) cm	(100.0 x 22.0 x 32.7) cm	(100.0 x 22.0 x 32.7) cm	(100.0 x 22.0 x 32.7) cm			
(87.0 x 30.0 x 21.7) cm	(87.0 x 30.0 x 21.7) cm	(85.6 x 28.5 x 21.9) cm	(87.0 x 30.0 x 21.7) cm	(100.0 x 32.7 x 22.0) cm	(100.0 x 32.7 x 22.0) cm	(100.0 x 32.7 x 22.0) cm			
	(98.5 x 38.6 x 30.5) cm	(93.4 x 35.5 x 31.1) cm	(98.5 x 38.6 x 30.5) cm	(110.0 x 40.0 x 31.5) cm	(110.0 x 40.0 x 31.5) cm	(110.0 x 40.0 x 31.5) cm			
9.4 kg / 12.0 kg	9.4 kg / 12.0 kg	8.4 kg / 11.2 kg	9.7 kg / 12.5 kg	11.5 kg / 14.6 kg	11.4 kg / 14.5 kg	11.4 kg / 14.5 kg			
(83.5 x 30.0 x 52.0) cm	(83.5 x 30.0 x 52.0) cm	(83.5 x 30.0 x 52.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm			
(92.5 x 38.3 x 56.8) cm	(92.5 x 38.3 x 56.8) cm	(92.5 x 38.3 x 56.8) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm			
20.6 kg / 24.8 kg	20.0 kg / 24.0 kg	20.0 kg / 24.0 kg	26.9 kg / 31.2 kg	26.0 kg / 30.4 kg	26.0 kg / 30.4 kg	26.0 kg / 30.4 kg			

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air-conditioned

### Technical Specifications: Inverter\_3 Star

	SERIES NAME		ELEMENT SERIES					
Specifications	Parameters	Unit	GLS18I3F0SEV	GLS18I3FWSEW	GLS18I3F0SEW	GLS24I3FWSEM		
	Description		1.5	1.5	1.5	2.0		
	Star Rating		3	3	3	3		
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32	Duo Rotary / R-32		
Electric Data	77		,					
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase		
	Operating Voltage Range	٧	140 V - 280 V					
	Input Current (100% / 50%)	A	7.39 A / 5.30 A	6.63 A / 4.62 A	6.61 A / 3.65 A	10.16 A / 4.80 A		
Performance								
	Operating Temperature Range		16 °C ~ 52 °C					
	Cooling Capacity (100% / 50%)	W	5050 W / 2525 W	4800 W / 2400 W	4850 W / 2425 W	6450 W / 3225 W		
	Input Power (100% / 50%)	W	1615 W / 610 W	1480 W / 585 W	1505 W / 588 W	2220 W / 715 W		
	ISEER		3.90	3.95	3.95	3.95		
	Air Flow**	m³/h	1000 m³/h	880 m³/h	1000 m <sup>3</sup> /h	1270 m³/h		
	Air Throw Distance	m	10 m	10 m	10 m	12 m		
	Annual Electricity Consumption	kWh	1002.31 kWh	941.66 kWh	951.47 kWh	1264.78 kWh		
	IDU Noise*	dB	36 dB	37 dB	36 dB	38 dB		
	ODU Noise*	dB	52 dB	55 dB	51 dB	57dB		
	Area Coverage***	m <sup>2</sup>	15.8 m <sup>2</sup>	14.9 m <sup>2</sup>	14.9 m <sup>2</sup>	19.7 m <sup>2</sup>		
Key Features			1516 111			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	6 in 1 Convertible (40 / 60 / 80 / 100 / 110 / Auto)							
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)		<b>√</b>	✓	✓	✓		
	Hybrid Inverter (Constant Mode)							
	Smart 4-Way Swing		<b>√</b>			<b>√</b>		
	Turbo Cool		<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>		
	Installation Check		<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>		
	Low Gas Detection		<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>		
	Clean Filter Indication		<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>		
	WiFi Ready (Optional WiFi)		<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>		
	Anti-Viral Dust Filter		<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>		
	PM 2.5 Filter		<b>√</b>		<u> </u>	<b>√</b>		
	Golden Fin Condenser							
	Golden Fin Evaporator		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>		
	Hidden LED Display		<i>√</i>	<b>√</b>	· ·	<b>√</b>		
	Side LED Display		,	,	•	,		
	Premium Remote Handset							
	Stabilizer Free Operation		<b>√</b>	<b>√</b>	✓	<b>√</b>		
	Strong Dehumidifier		<b>√</b>	<b>✓</b>	<b>→</b>	<b>√</b>		
	Blow Function		<i>√</i>	· ✓	· ·	· ✓		
	100% Copper		<b>√</b>	<b>✓</b>	<b>→</b>	<b>√</b>		
	Eco Friendly Refrigerant		<b>√</b>	<b>√</b>	<b>→</b>	<b>√</b>		
	Anti Corrosion Coating		<b>√</b>	<b>√</b>	<b>→</b>	<b>✓</b>		
Weight & Measu	3		V	v	•	V		
Weight & Measu		cm.	(05 6 y 22 7 y 21 6)	(100.0 x 22.0 x 22.7)	(05 6 y 22 7 y 21 6)	(116.1 x 24.0 x 24.0)		
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(95.6 x 23.7 x 31.6) cm	(100.0 x 22.0 x 32.7) cm	(95.6 x 23.7 x 31.6) cm	(116.1 x 24.0 x 34.0) cm		
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(95.6 x 31.6 x 23.7) cm	(100.0 x 32.7 x 22.0) cm	(95.6 x 31.6 x 23.7) cm	(116.1 x 34.0 x 24.0) cm		
	IDU Packing (LxBxH)	cm	(103.0 x 39.2 x 31.5) cm	(110.0 x 40.0 x 31.5) cm	(103.0 x 39.2 x 31.5) cm	(127.0 x 41.5 x 33.5) cm		
	IDU Net / Gross Weight	kg	10.1 kg /13.6 kg	11.2 kg / 14.2 kg	10.5 kg / 13.9 Kg	14.2 kg / 18.0 kg		
	ODU Dimensions (LxBxH)	cm	(87.0 x 36.5 x 56.0) cm	(83.5 x 30.0 x 52.0) cm	(83.5 x 30.0 x 52.0) cm	(89.8 x 36.3 x 59.3) cm		
	ODU Packing (LxBxH)	cm	(91.0 x 41.5 x 59.0) cm	(92.5 x 38.3 x 56.8) cm	(92.5 x 38.3 x 56.8) cm	(94.5 x 44.0 x 64.0) cm		
	ODU Net / Gross Weight	kg	25.5 kg / 29.7 kg	23.4 kg / 27.5 kg	23.5 kg / 28.2 kg	30.3 kg / 35.0 kg		

### Technical Specifications: Inverter\_3 Star

CLASSIC SERIES								
GLS12I3F0SEC	GLS18I3FWSPC	GLS18I3FWSAD (WK)	GLS18I3F0SEC					
1.0	1.5	1.5	1.5					
3	3	3	3					
Rotary / R-32	Rotary / R-32 Rotary / R-32		Rotary / R-32					
220 / 50 // 4 //	2201/ 501/ 4.01	2207 5011 4.81	2201/ 501/ 4.0/					
230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phas					
140 V - 280 V	140 V - 280 V	140 V - 280 V	140 V - 280 V					
4.85 A / 3.35 A	7.12 A / 3.75 A	7.12 A / 3.75 A	6.8 A / 2.61 A					
16 °C ~ 52 °C	16 °C ~ 52 °C	16 ℃ ~ 52 ℃	16 °C ~ 52 °C					
3200 W / 1600 W	4800 W / 2400 W	4800 W / 2400 W	4800 W / 2400 W					
1060 W / 385 W	1555 W / 560 W	1555 W / 560 W	1560 W / 560 W					
3.85	3.95	3.95	3.95					
600 m³/h	650 m³/h	650 m³/h	750 m³/h					
5 m	7 m	7 m	7 m					
644.02 kWh	940.43 kWh	940.43 kWh	941.82 kWh					
34 dB	34 dB	34 dB	35 dB					
46 dB	55 dB	55 dB	51 dB					
11.0 m <sup>2</sup>	14.9 m <sup>2</sup>	14.9 m <sup>2</sup>	14.9 m <sup>2</sup>					
✓	✓	✓	✓					
<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>					
<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>					
<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>					
<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>					
<b>√</b>	<b>V</b>	<b>√</b>	<b>√</b>					
✓	<b>√</b>	<b>√</b>	<b>√</b>					
✓	✓	✓	✓					
✓	<b>√</b>	✓	✓					
<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>					
<u> </u>	· ·	· ·	<u> </u>					
· · ·	· ·	<i>√</i>						
<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>					
<u> </u>	<b>√</b>	<b>√</b>	<b>√</b>					
<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>					
(76.5 x 20.0 x 30.0) cm	(87.0 x 21.7 x 30.0) cm	(87.0 x 21.7 x 30.0) cm	(85.6 x 21.9 x 28.5) cr					
(76.5 x 30.0 x 20.0) cm	(87.0 x 30.0 x 21.7) cm	(87.0 x 30.0 x 21.7) cm	(85.6 x 28.5 x 21.9) cr					
(81.0 x 35.5 x 27.0) cm	(98.5 x 38.6 x 30.5) cm	(98.5 x 38.6 x 30.5) cm	(93.4 x 35.5 x 31.1) cr					
8.5 kg / 10.7 kg	9.5 kg / 12.2 kg	9.5 kg / 12.2 kg	9.3 kg / 11.8 kg					
(74.0 x 29.0 x 44.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cr					
(82.0 x 35.0 x 48.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cr					
19.2 kg / 22.4 kg	26.0 kg / 29.4 kg	26.0 kg / 29.4 kg	26.0 kg / 30.1 kg					

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

# Technical Specifications: Sapphire\_Pearl\_3 Star

	SERIES NAME			SAPPHIRE SERIES				
Specifications	Parameters	Unit	GLS12I3FOAEV	GLS12I3FOAEC	GLS18I3FOAEV			
	Description		1.0	1.0	1.5			
	Star Rating		3	3	3			
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32			
Electric Data		·						
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase			
	Operating Voltage Range	V	140 V - 280 V	140 V - 280 V	140 V - 280 V			
	Input Current (100% / 50%)	А	5.03 A / 3.78 A	4.85 A / 3.35 A	7.39 A / 5.30 A			
Performance								
	Operating Temperature Range		16 °C ~ 52 °C	16 °C ~ 52 °C	16 °C ~ 52 °C			
	Cooling Capacity (100% / 50%)	W	3550 W / 1775 W	3200 W / 1600 W	5050 W / 2525 W			
	Input Power (100% / 50%)	W	1100 W / 435 W	1060 W / 385 W	1615 W / 610 W			
	ISEER		3.93	3.85	3.90			
	Air Flow**	m³/h	600 m³/h	600 m³/h	1000 m³/h			
	Air Throw Distance	m	7 m	5 m	10 m			
	Annual Electricity Consumption	kWh	700.06 kWh	644.02 kWh	1002.31 kWh			
	IDU Noise*	dB	34 dB	34 dB	36 dB			
	ODU Noise*	dB	49 dB	46 dB	52 dB			
	Area Coverage***	m <sup>2</sup>	11.0 m <sup>2</sup>	11.0 m <sup>2</sup>	15.8 m <sup>2</sup>			
Key Features	/ ilea coverage	""	71.5111	11.0111	15.5 111			
Rey reacures	6 in 1 Convertible (40 / 60 / 80 / 100 / 110 / Auto)							
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)		<b>√</b>	<b>√</b>	<b>√</b>			
	Hybrid Inverter (Constant Mode)		,	,				
	Smart 4-Way Swing		<b>√</b>		✓			
	Turbo Cool		<b>√</b>	<b>√</b>	· ✓			
	Installation Check		<b>√</b>	· ✓	· ·			
	Low Gas Detection		<b>√</b>	· ✓	· ✓			
	Clean Filter Indication		<b>√</b>	· ✓	· ✓			
	WiFi Ready (Optional WiFi)		· ✓	<i>,</i>	· ·			
	Anti-Viral Dust Filter		· ✓	<b>√</b>	<b>→</b>			
	PM 2.5 Filter		· ✓	,	<b>→</b>			
	Golden Fin Condenser		•		•			
	Golden Fin Condenser  Golden Fin Evaporator		<b>√</b>	✓	✓			
	Hidden LED Display		<b>→</b>	<b>√</b>	<b>→</b>			
	, ,		•	•	<b>V</b>			
	Side LED Display  Premium Remote Handset	-						
			<b>√</b>	<b>√</b>	<b>✓</b>			
	Stabilizer Free Operation		<b>∀</b>	<b>∀</b>	<b>✓</b>			
	Strong Dehumidifier		<b>∀</b>	<b>∀</b>	<b>✓</b>			
	Blow Function		<b>✓</b>	<b>∀</b>	<b>✓</b>			
	100% Copper		<b>∀</b>	<b>∀</b>	<b>✓</b>			
	Eco Friendly Refrigerant		<b>∀</b>	<b>∀</b>	<b>∨</b>			
	Anti Corrosion Coating		<b>v</b>	<b>v</b>	<b>v</b>			
Weight & Measu								
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(82.4 x 19.8 x 28.5) cm	(76.5 x 20.0 x 30.0) cm	(92.0 x 22.0 x 31.6) cm			
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(82.4 x 28.5 x 19.8) cm	(76.5 x 30.0 x 20.0) cm	(92.0 x 31.6 x 22.0) cm			
	IDU Packing (LxBxH)	cm	(90.2 x 36.0 x 28.5) cm	(81.0 x 35.5 x 27.0) cm	(103.0 x 39.2 x 31.5) cm			
	IDU Net / Gross Weight	kg	8.4 kg / 11.2 kg	8.5 kg / 10.7 kg	10.1 kg / 13.6 Kg			
	ODU Dimensions (LxBxH)	cm	(83.5 x 30.0 x 52.0) cm	(74.0 x 29.0 x 44.0) cm	(87.0 x 36.5 x 56.0) cm			
	ODU Packing (LxBxH)	cm	(92.5 x 38.3 x 56.8) cm	(82.0 x 35.0 x 48.0) cm	(91.0 x 41.5 x 59.0) cm			
	ODU Net / Gross Weight	kg	20.0 kg / 24.0 kg	19.2 kg / 22.4 kg	25.5 kg / 29.7 kg			

### Technical Specifications: Sapphire\_Pearl\_3 Star

SAPPHIRE SERIES	PEARL SERIES				
GLS18I3FOBBW	GLS12I3FOPEV	GLS18I3FOPEV	GLS18I3FORBW		
1.5	1.0	1.5	1.5		
3	3	3	3		
Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32		
230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase		
140 V - 280 V	140 V - 280 V	140 V - 280 V	140 V - 280 V		
6.61 A / 3.65 A	5.03 A / 3.78 A	7.39 A / 5.30 A	6.61 A / 3.65 A		
16 °C ~ 52 °C	16 °C ~ 52 °C	16 ℃ ~ 52 ℃	16 °C ~ 52 °C		
4850 W / 2425 W	3550 W / 1775 W	5050 W / 2525 W	4850 W / 2425 W		
1505 W / 588 W	1100 W / 435 W	1615 W / 610 W	1505 W / 588 W		
3.95	3.93	3.90	3.95		
1000 m³/h	600 m³/h	1000 m³/h	1000 m³/h		
10 m	7 m	10 m	10 m		
951.47 kWh	700.06 kWh	1002.31 kWh	951.47 kWh		
36 dB	34 dB	36 dB	36 dB		
51 dB	49 dB	52 dB	51 dB		
14.9 m²	11.0 m²	15.8 m²	14.9 m²		
✓	✓	✓	<b>✓</b>		
·		·			
	✓	✓			
✓	<u>√</u>	<u> </u>	<b>✓</b>		
✓	✓	✓	<b>√</b>		
✓	✓	✓	<b>√</b>		
✓	✓	✓	✓		
✓	✓	✓	✓		
✓	✓	✓	✓		
	✓	✓			
✓	✓	✓	✓		
✓	✓	✓	✓		
✓	✓	✓	✓		
✓	✓	✓	✓		
✓	✓	✓	✓		
✓	✓	✓	✓		
✓	✓	✓	✓		
✓	✓	✓	✓		
(92.0 x 22.0 x 31.6) cm	(82.4 x 21.6 x 28.5) cm	(92.0 x 23.7 x 31.6) cm	(92.0 x 23.7 x 31.6) cm		
(92.0 x 31.6 x 22.0) cm	(82.4 x 28.5 x 21.6) cm	(92.0 x 31.6 x 23.7) cm	(92.0 x 31.6 x 23.7) cm		
(103.0 x 39.2 x 31.5) cm	(90.2 x 36.0 x 28.5) cm	(103.0 x 39.2 x 31.2) cm	(103.0 x 39.2 x 31.2) cm		
10.5 kg /13.9 Kg	8.4 kg / 11.2 kg	10.1 kg / 13.6 Kg	10.5 kg / 13.9 Kg		
(83.5 x 30.0 x 52.0) cm	(83.5 x 30.0 x 52.0) cm	(87.0 x 36.5 x 56.0) cm	(83.5 x 30.0 x 52.0) cm		
(92.5 x 38.3 x 56.8) cm	(92.5 x 38.3 x 56.8) cm	(91.0 x 41.5 x 59.0) cm	(92.5 x 38.3 x 56.8) cm		
23.5 kg / 28.2 kg	20.0 kg / 24.0 kg	25.5 kg / 29.7 kg	23.5 kg / 28.2 kg		

#### Technical Specifications: Inverter\_Heat Pump

SERIES NAME		ARCTIC SERIES / HEAT PUMP SERIES								
Specifications	Unit	GLS18H3FWRHD	GLS12H3FWRHC	GLS18H3FWRHP	GLS18H3FWRHC	GLS24H3FWRHC	GLS18H5FWRHC			
Description		1.5	1.0	1.5	1.5	2.0	1.5			
Star Rating		3	3	3	3	3	5			
Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	Duo Rotary / R-32	Duo Rotary / R-32			
Electric Data										
Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase			
Operating Voltage Range	V	140 V - 280 V	140 V - 280 V	140 V - 280 V	140 V - 280 V	140 V - 280 V	140 V - 280 V			
Input Current (100% / 50%)	А	7.22 A / 4.42 A	4.63 A / 3.22 A	7.05 A / 4.49 A	7.66 A / 4.46 A	9.44 A / 5.29 A	5.78 A / 3.44 A			
Performance										
Operating Temperature Range		-10 °C to 52 °C	-4 °C to 52 °C	-4 °C to 52 °C	-4 °C to 52 °C	-4 °C to 52 °C	-4 °C to 52 °C			
Cooling Capacity (100% / 50%)	W	5300 W / 2650 W	3560 W / 1780 W	5050 W / 2525 W	5250 W / 2625 W	6350 W / 3175 W	5200 W / 2600 W			
Input Power (100% / 50%)	W	1645 W / 610 W	1055 W / 445 W	1540 W / 620 W	1745 W / 615 W	2150 W / 730 W	1310 W / 475 W			
ISEER	***	4.06	3.96	3.95	3.90	3.90	5.06			
Heating Capacity (100%/50%)	W	5400 W / 2700 W	3560 W / 1780 W	4900 W / 2450 W	5400 W / 2700 W	6400 W / 3200 W	5400 W / 2700 W			
Heating Input Power (100%/50%)	W	1510 W / 650 W	1055 W / 445 W	1260 W / 630 W	1610 W / 615 W	1955 W / 690 W	1200 W / 480 W			
Air Flow**	m³/h	1270 m³/h	650 m³/h	880 m³/h	880 m³/h	1270 m³/h	1270 m³/h			
Air Throw Distance	m	12 m	7 m	10 m	10 m	12 m	12 m			
Annual Electricity Consumption	kWh	1010.76 kWh	695.80 kWh	989.80 kWh	1043.12 kWh	1259.77 kWh	795.19 kWh			
IDU Noise*	dB	38 dB	34 dB	37 dB	37 dB	38 dB	38 dB			
ODU Noise*	dB	57 dB	55 dB	57 dB	57 dB	57 dB	57 dB			
Area Coverage***	m2	16.4 m <sup>2</sup>	11.0 m <sup>2</sup>	15.8 m <sup>2</sup>	16.4 m <sup>2</sup>	19.7 m <sup>2</sup>	16.4 m <sup>2</sup>			
Key Features	1112	10.4111	11.0111-	13.6111-	10.4111-	19.7 111-	10.4111-			
<u> </u>	ı									
5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)****		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>			
Smart 4-Way Swing		✓ ✓	<b>√</b>	✓ ✓	✓ ✓	<b>√</b>	✓ ✓			
Turbo Cool Installation Check****		<b>→</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
Low Gas Detection****		<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	✓ ✓	<b>√</b>			
Clean Filter Indication****		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>			
		<b>√</b>	<b>√</b>		<b>√</b>					
WiFi Ready (Optional WiFi)				<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
Anti-Viral Dust Filter		<b>√</b>	<b>√</b>	<b>√</b>		<b>√</b>	<b>✓</b>			
PM 2.5 Filter		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
Golden Fin Condenser		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>			
Golden Fin Evaporator		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
Hidden LED Display		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
Back Lit Remote		✓ ✓	<b>√</b>	<b>√</b>	✓ ✓	<b>√</b>	<b>√</b>			
Stabilizer Free Operation		<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
Strong Dehumidifier		<b>→</b>	<b>✓</b>	✓ ✓	<b>√</b>	<b>√</b>	<b>√</b>			
Blow Function		<b>∀</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>			
100% Copper						<b>√</b>	<b>√</b>			
Eco Friendly Refrigerant		✓ ✓	<b>√</b>	✓ ✓	✓ ✓	<b>√</b>	<b>√</b>			
Anti Corrosion Coating		<b>V</b>	✓	<b>V</b>	<b>V</b>	✓	✓			
Weight & Measurement		(444.0	(07.0.04.5	(1000 000 000 000 000	(4000 00 5 55 5)	(4444 045 515)	(4444 045 515)			
IDU Dimensions (LxBxH) as per Actual Unit	cm	(111.8 x 23.0 x 33.5) cm	(87.0 x 21.7 x 30.0) cm			(116.1 x 24.0 x 34.0) cm				
IDU Dimensions (LxBxH) as per SOWM Label	cm	(111.8 x 33.5 x 23.0) cm	(87.0 x 30.0 x 21.7) cm		(100.0 x 32.7 x 22.0) cm					
IDU Packing (LxBxH)	cm	(122.5 x 41.5 x 33.0) cm	(98.5 x 38.6 x 30.5) cm				(127.0 x 41.5 x 33.5) cm			
IDU Net / Gross Weight	kg	14.0 kg / 17.3 kg	9.7 kg / 12.2 kg	11.6 kg / 14.8 kg	11.6 kg / 14.9 kg	14.2 kg / 18.2 kg	14.2 kg / 18.2 kg			
ODU Dimensions (LxBxH)	cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(87.0 x 36.5 x 56.0) cm	(89.8 x 36.3 x 59.3) cm	(89.8 x 36.3 x 59.3) cm			
ODU Packing (LxBxH)	cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(91.0 x 41.5 x 59.0) cm	(94.5 x 44.0 x 64.0) cm	(94.5 x 44.0 x 64.0) cm			
ODU Net / Gross Weight	kg	30.0 kg / 34.0 kg	23.8 kg / 28.2 kg	26.8 kg / 31.2 kg	29.5 kg / 34.0 kg	32.2 kg / 37.3 kg	32.5 kg / 37.6 kg			

#### **Technical Specifications: Fixed Speed\_3 Star**

	SERIES NAME		CRESCENT SERIES			
Specifications	Parameters	Unit	GLS12C3XWADS	GLS18C3YWADS	GLS24C3XWADS	
	Description		1.0	1.5	2.0	
	Star Rating		3	3	3	
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32	
Electric Data						
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	
	Operating Voltage Range	V	207 V - 253 V	207 V - 253 V	207 V - 253 V	
	Input Current	A	4.03 A	5.74 A	7.46 A	
Performance	·					
retrormance	Operating Range		16 °C ~ 48 °C	16 °C ~ 48 °C	16 °C ~ 48 °C	
	Cooling Capacity	W	3500 W	5000 W	6480 W	
	Input Power	W	917 W	1308 W	1699 W	
	ISEER		3.82	3.82	3.81	
	Air Flow**	m³/h	650 m³/h	880 m³/h	1270 m³/h	
	Air Throw Distance	m	7 m	10 m	12 m	
	Annual Electricity Consumption	kWh	709.86 kWh	1012.53 kWh	1315.21 kWh	
	IDU Noise*	dB	34 dB	37 dB	38 dB	
	ODU Noise*	dB	55 dB	57 dB	57 dB	
	Area Coverage***	m²	11.0 m <sup>2</sup>	15.8 m²	19.7 m²	
Key Features						
	Smart 4-Way Swing		✓	✓	✓	
	Turbo Cool		<i>√</i>	· ✓	<b>√</b>	
	Anti-Viral Dust Filter		<b>√</b>	<b>√</b>	<b>√</b>	
	PM 2.5 Filter		✓	<b>√</b>	<b>√</b>	
	Golden Fin Evaporator		<b>√</b>	<b>√</b>	<b>√</b>	
	Hidden LED Display		✓	✓	✓	
	Side LED Display					
	Multi-Fold Evaporator		✓	✓	✓	
	Auto Restart		✓	✓	✓	
	Self Diagnosis Function		✓	✓	✓	
	100% Copper		✓	✓	✓	
	Eco Friendly Refrigerant		✓	✓	✓	
	Anti Corrosion Coating		✓	✓	✓	
Weight & Measu	rement	cm				
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(87.0 x 21.7 x 30.0) cm	(100.0 x 22.0 x 32.7) cm	(116.1 x 24.0 x 34.0) cm	
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(87.0 x 30.0 x 21.7) cm	(100.0 x 32.7 x 22.0) cm	(116.1 x 34.0 x 24.0) cm	
	IDU Packing (LxBxH)	kg	(98.5 x 38.6 x 30.5) cm	(110.0 x 40.0 x 31.5) cm	(127.0 x 41.5 x 33.5) cm	
	IDU Net / Gross Weight	cm	9.7 kg / 12.3 kg	11.6 kg / 14.8 kg	14.0 kg / 17.7 kg	
	ODU Dimensions (LxBxH)	cm	(87.0 x 36.5 x 56.0) cm	(89.8 x 36.3 x 59.3) cm	(94.0 x 37.0 x 68.0) cm	
	ODU Packing (LxBxH)	kg	(91.0 x 41.5 x 59.0) cm	(94.5 x 44.0 x 64.0) cm	(102.0 x 45.5 x 74.0) cm	
	ODU Net / Gross Weight		30.4 kg / 34.9 kg	36.9 kg / 41.5 kg	43.0 kg / 48.8 kg	

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned
\*\*\*\* Applicable only in Cool Mode Only

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

# **Technical Specifications: Window AC**

SERIES NAME			INVER	TER WINDOW : EV S	ERIES	FIXED SPEED WIN	IDOW : EW SERIES
Specifications Parameters		Unit	GLW12I5FWGEV	GLW18I3FWCEV	GLW18I5FWCEV	GLW12C2YWSEW	GLW12C3XWSEW
	Description		1.0	1.5	1.5	1.0	1.0
	Star Rating		5	3	5	2	3
	Compressor Type / Refrigerant		Rotary / R-32				
Electric Data							
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase
	Operating Voltage Range	V	140 V - 280 V	140 V - 280 V	140 V - 280 V	207 V - 253 V	207 V - 253 V
	Input Current (100% / 50%)	A	4.61 A / 3.58 A	7.91 A / 5.80 A	6.98 A / 5.25 A	4.59 A	4.41 A
Performance							
	Operating Temperature Range		16 °C ~ 52 °C	16 ℃ ~ 52 ℃	16 ℃ ~ 52 ℃	16 ℃ ~ 50 ℃	16 °C ~ 50 °C
	Cooling Capacity (100% / 50%)	W	3550 W / 1775 W	4950 W / 2475 W	5000 W / 2500 W	3100 W	3200 W
	Input Power (100% / 50%)	W	1050 W / 535 W	1800 W / 800 W	1590 W / 725 W	1045 W	1000 W
	ISEER		3.57	3.13	3.53	2.97	3.20
	Air Flow**	m³/h	700 m³/h	700 m³/h	700 m³/h	440 m³/h	470 m³/h
	Annual Electricity Consumption	kWh	770.5 kWh	1222.32 kWh	1095.38 kWh	808.94 kWh	774.11 kWh
	Noise Level*- Indoor	dB	52 dB	52 dB	52 dB	53 dB	53 dB
	Noise Level*- Outdoor	dB	64 dB	64 dB	64 dB	63.5 dB	63.5 dB
Key Features							
	Stabilizer Free Operation		✓	✓	✓		
	LED Display		✓	✓	✓	✓	✓
	Remote Control Operation		✓	✓	✓	✓	✓
	Blue Fin Coils		✓	✓	✓	✓	✓
	Golden Evaporator Coil						
	Clean Air Filter		✓	✓	✓	✓	✓
	Strong Dehumidification		✓	✓	✓	✓	✓
	Auto Restart		<b>✓</b>	<b>✓</b>	✓	✓	✓
	Self Diagnosis Function		✓	✓	✓	✓	✓
	100% Copper		✓	✓	✓	✓	✓
	Eco Friendly Refrigerant		✓	<b>✓</b>	✓	✓	✓
	Anti Corrosion Coating		<b>✓</b>	<b>√</b>	✓	✓	✓
Weight & Measu	ırement						
	Dimensions (LxBxH)	cm	(71.0 x 66.0 x 43.0) cm	(71.0 x 66.0 x 43.0) cm	(71.0 x 66.0 x 43.0) cm	(57.0 x 60.0 x 38.5) cm	(57.0 x 60.0 x 38.5) cm
	Packing (LxBxH)	cm	(76.5 x 76.0 x 56.5) cm	(76.5 x 76.0 x 56.5) cm	(76.5 x 76.0 x 56.5) cm	(59.0 x 68.5 x 51.0) cm	(59.0 x 68.5 x 51.0) cm
	Net / Gross Weight	kg	42.5 kg / 47.5 kg	41.5 kg / 46.5 kg	43.0 kg / 48.0 kg	38.5 kg / 42.5 kg	39.5 kg / 44.0 kg

# **Technical Specifications: Window AC**

FIXED SPEED WINDOW EW SERIES	FIXED SPEED WIN	IDOW : MR SERIES	ET SERIES (FS)	FIXED SPEED WIN	IDOW : EA SERIES
GLW18C3YWSEW	GLW18C5XWGMR	GLW24C3XWSMR	GLW18C3YWAET	GLW18C3YWSEA	GLW18C5XWSEA
1.5	1.5	2.0	1.5	1.5	1.5
3	5	3	3	3	5
Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32
230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase
207 V - 253 V	207 V - 253 V	207 V - 253 V	207 V - 253 V	207 V - 253 V	207 V - 253 V
6.70 A	6.08 A	8.53 A	6.76 A	6.59 A	5.92 A
16 °C ~ 50 °C	16 °C ~ 50 °C	16 °C ~ 50 °C	16 °C ~ 50 °C	16 °C ~ 50 °C	16 °C ~ 50 °C
4800 W	4950 W	6020 W	4850 W	4800 W	4850 W
1525 W	1385W	1870 W	1540 W	1500 W	1348 W
3.15	3.57	3.22	3.15	3.20	3.60
700 m³/h	800 m³/h	950 m³/h	730 m³/h	800 m <sup>3</sup> /h	800 m³/h
1180.51 kWh	1072.14 kWh	1447.58 kWh	1192.12 kWh	1161.16 kWh	1043.5 kWh
52 dB	53 dB	56 dB	52 dB	53 dB	53 dB
64 dB	57 dB	59 dB	64 dB	58 dB	57 dB
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓		
				✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
(71.0 x 66.0 x 43.0) cm	(78.1 x 66.0 x 43.0) cm	(78.1 x 66.0 x 43.0) cm	(77.5 x 66.0 x 43.0) cm	(77.0 x 66.0 x 43.0) cm	(77.0 x 66.0 x 43.0) cm
(76.5 x 76.0 x 56.5) cm	(82.0 x 75.5 x 57.0) cm	(82.0 x 75.5 x 57.0) cm	(80.5 x 75.5 x 55.5) cm	(81.0 x 75.0 x 58.0) cm	(81.0 x 75.0 x 58.0) cm
49.5 kg / 54.0 kg	56.5 kg / 62.0 kg	58.0 kg / 63.5 kg	52.45 kg / 58.65 kg	54.0 kg / 59.0 kg	55.0 kg / 60.0 kg

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

#### **Technical Specifications: WAVE Series**

	SERIES NAME		WAVE SERIES
Specifications	Parameters	Unit	GLS18I5FWGVV
	Description		1.5
	Star Rating		5
	Compressor Type /		Rotary / R-32
Electric Data			
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase
	Operating Voltage Range	V	100 V - 300 V
	Input Current (100% / 50%)	A	5.70 A / 3.04 A
Performance			
	Operating Temperature Range		16 °C ~ 52 °C
	Cooling Capacity (100% / 50%)	w	5100 W / 2550 W
	Input Power (100% / 50%)	W	1245 W / 455 W
	ISEER		5.20
	Air Flow**	m³/h	880 m³/h
	Air Throw Distance	m	10 m
	Annual Electricity Consumption	kWh	758.96 kWh
	IDU Noise*	dB	37 dB
	ODU Noise*	dB	57 dB
	Area Coverage***	m²	15.8 m²
Key Features			
	Direct Voice Command Operations		✓
	2 Power Commands (ON / OFF)		✓
	2 Temperature Commands (+ / - 1 °C)		✓
	2 Fan Speed Commands (High / Low)		✓
	4 Ambient Mode Commands	1	✓
	5 in 1 Convertible (40 / 60 / 80 / 100 / Auto)		<b>√</b>
	Smart 4-Way Swing		✓
	Turbo Cool		✓
	Installation Check		✓
	Low Gas Detection		✓
	Clean Filter Indication		✓
	WiFi Ready (Optional WiFi)		✓
	Anti-Viral Dust Filter		✓
	PM 2.5 Filter		✓
	Golden Fin Condenser		✓
	Golden Fin Evaporator		✓
	Hidden LED Display		✓
	Stabilizer Free Operation		✓
	Strong Dehumidifier		✓
	Blow Function		✓
	100% Copper		✓
	Eco Friendly Refrigerant		✓
Weight & Measu	rement		
	IDU Dimensions (LxBxH) as per Actual Unit	cm	(100.0 x 22.0 x 32.0) cm
	IDU Dimensions (LxBxH) as per SOWM Label	cm	(100.0 x 32.0 x 22.0) cm
	IDU Packing (LxBxH)	cm	(107.0 x 41.0 x 33.0) cm
	IDU Net / Gross Weight	kg	11.5 kg / 14.6 kg
	ODU Dimensions (LxBxH)	cm	(89.8 x 36.3 x 59.3) cm
	ODU Packing (LxBxH)	cm	(94.5 x 44.0 x 64.0) cm
	ODU Net / Gross Weight	kg	29.0 kg / 33.8 kg

#### **Technical Specifications: Cassette AC**

	SERIES NAME		FIXED SPEED CASSETTE					
Specifications	Parameters Un		GLC18B3XWAAG	GLC24B3XWAAG	GLC36B0XWAAG	GLC48B0XWAAG		
	Description		1.5	2.0	3.0	4.0		
	Star Rating		3	3	NA	NA		
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32		
Electric Data								
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	380~415 V - 50Hz - 3 Phase	380~415 V - 50Hz - 3		
	Input Current (100% / 50%)	Α	6.5 A	8.0 A	5.21 A	Phase		
Performance						8.8 A		
	Cooling Capacity (100% / 50%)	W	5100 W	6200 W	10551 W	13500 W		
	Input Power (100% / 50%)	W	1325 W	1610 W	3600 W	4500 W		
	ISEER		3.85	3.85	NA	NA		
	Air Flow**	m³/h	1300 m³/h	1350 m³/h	1650 m³/h	1800 m³/h		
	Annual Electricity Consumption	kWh	1025.69 kWh	1246.31 kWh	2786.78 kWh	3483.48 kWh		
	IDU Noise*	dB	43 dB	43 dB	45 dB	50 dB		
	ODU Noise*	dB	57 dB	61 dB	63 dB	63 dB		
Weight & Measu	rement							
	IDU Dimensions (LxBxH)	cm	(84.5 x 84.5 x 24.5) cm	(84.5 x 84.5 x 24.5) cm	(83.0 x 83.0 x 24.5) cm	(83.0 x 83.0 x 24.5) cm		
	IDU Packing (LxBxH)	cm	(95.0 x 95.0 x 32.8) cm	(95.0 x 95.0 x 32.8) cm	(91.0 x 91.0 x 29.0) cm	(91.0 x 91.0 x 29.0) cm		
	IDU Net / Gross Weight	kg	29.0 kg / 35.0 kg	30.5 kg / 36.5 kg	25.8 kg / 29.9 kg	28.0 kg / 32.1 kg		
	ODU Dimensions (LxBxH)	cm	(81.0 x 30.0 x 59.4) cm	(85.0 x 31.0 x 68.4) cm	(94.6 x 41.0 x 81.0) cm	(94.6 x 41.0 x 81.0) cm		
	ODU Packing (LxBxH)	cm	(93.5 x 41.5 x 66.5) cm	(104.2 x 45.0 x 76.0) cm	(109.0 x 50.0 x 87.5) cm	(109.0 x 50.0 x 87.5) cm		
	ODU Net / Gross Weight	kg	42.0 kg / 45.5 kg	48.5 kg / 53.0 kg	66.1 kg / 71.0 kg	71.0 kg / 76.1 kg		

	SERIES NAME		INVERTER CASSETTE							
Specifications	Parameters	Unit	GLC18B3XWAAG	GLC24B3XWAAG	GLC36B0XWAAG	GLC48B0XWAAG				
	Description		1.5	2.0	3.0	4.0				
	Star Rating		4	4	NA	NA				
	Compressor Type / Refrigerant		Rotary / R-32	Rotary / R-32	Rotary / R-32	Rotary / R-32				
Electric Data										
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase	230 V - 50 Hz - 1 Phase	380~415 V - 50Hz - 3 Phase	380~415 V - 50Hz - 3 Phase				
	Input Current (100% / 50%)	Α	7.2 A / 4.5 A	8.2 A / 5.0 A	6.43 A / 2.19 A	8.82 A / 2.79 A				
Performance										
	Cooling Capacity (100% / 50%)	W	5450 W / 2725 W	6200 W / 3100 W	10550 W / 5275 W	13000 W / 6500 W				
	Input Power (100% / 50%)	W	1540 W / 540 W	1745 W / 615 W	3960 W / 1350 W	5430 W / 1720 W				
	ISEER		4.60	4.60	NA	NA				
	Air Flow**	m³/h	1250 m³/h	1300 m³/h	1800 m³/h	1800 m³/h				
	Annual Electricity Consumption	kWh	918.06 kWh	1043.12 kWh	2325.34 kWh	3066.53 kWh				
	IDU Noise*	dB	41 dB	41 dB	46 dB	45 dB				
	ODU Noise*	dB	57 dB	57 dB	59 dB	61 dB				
Weight & Measu	rement									
	IDU Dimensions (LxBxH)	cm	(84.5 x 84.5 x 24.5) cm	(84.5 x 84.5 x 24.5) cm	(84.0 x 84.0 x 24.5) cm	(84.0 x 84.0 x 24.5) cm				
	IDU Packing (LxBxH)	cm	(95.0 x 95.0 x 32.8) cm	(95.0 x 95.0 x 32.8) cm	(90.0 x 90.0 x 25.7) cm	(90.0 x 90.0 x 25.7) cm				
	IDU Net / Gross Weight	kg	29.0 kg / 35.0 kg	30.5 kg / 36.5 kg	25.4 kg / 30.5 kg	27.7 kg / 32.7 kg				
	ODU Dimensions (LxBxH)	cm	(78.1 x 28.1 x 55.5) cm	(78.1 x 28.1 x 55.5) cm	(94.6 x 41.0 x 81.0) cm	(94.6 x 41.0 x 81.0) cm				
	ODU Packing (LxBxH)	cm	(92.5 x 39.5 x 60.5) cm	(92.5 x 39.5 x 60.5) cm	(109.0 x 50.0 x 87.5) cm	(109.0 x 50.0 x 87.5) cm				
	ODU Net / Gross Weight	kg	28.5 kg / 30.5 kg	30.0 kg / 32.0 kg	66.9 kg / 71.5 kg	72.4 kg / 77.2 kg				

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

#### **Technical Specifications : Tower AC**

	SERIES NAME	FIXED SPEED TOWER					
Specifications	Parameters	Unit	GLT24B1XWABP	GLT48C0XWAAG			
	Description		2.0	4.0			
	Star Rating		1	NA			
	Compressor Type / Refrigerant		Rotary / R-32	Scroll / R-410A			
Electric Data							
	Power Supply	V-Hz-Ph	220~240 V - 50Hz - 1Phase	380~415 V - 50Hz - 3 Phase			
	Input Current (100% / 50%)	А	8.1 A	9.02 A			
Performance							
	Cooling Capacity (100% / 50%)	W	6225 W	13500 W			
	Input Power (100% / 50%)	W	1850 W	5490 W			
	ISEER		3.36	NA			
	Air Flow**	m³/h	1210 m³/h	1680 m³/h			
	Annual Electricity Consumption	kWh	1432.1 kWh	4249.85 kWh			
	IDU Noise*	dB	43 dB	52 dB			
	ODU Noise*	dB	57 dB	64 dB			
Weight & Measu	rement						
	IDU Dimensions (LxBxH)	cm	(51.0 x 31.5 x 175.0) cm	(55.0 x 35.0 x 180.0) cm			
	IDU Packing (LxBxH)	cm	(64.5 x 35.5 x 186.0) cm	(68.5 x 46.5 x 191.0) cm			
	IDU Net / Gross Weight	kg	35.9 kg / 41.9 kg	50.7 kg / 62.6 kg			
	ODU Dimensions (LxBxH)	cm	(94.0 x 37.0 x 68.0) cm	(94.6 x 41.0 x 81.0) cm			
	ODU Packing (LxBxH)	cm	(102.0 x 45.5 x 74.0) cm	(109.0 x 50.0 x 87.5) cm			
	ODU Net / Gross Weight	kg	46.6 kg / 50.9 kg	81.2 kg / 86.0 kg			

#### **Technical Specifications: Portable AC**

	SERIES NAME		PORTABLE
Specifications	Parameters	Unit	GLP12B01TP
	Description		1.0
	Star Rating		NA
	Compressor Type / Refrigerant		Rotary / R-410A
Electric Data			
	Power Supply	V-Hz-Ph	230 V - 50 Hz - 1 Phase
	Input Current (100% / 50%)	A	5.3 A
Performance			
	Cooling Capacity (100% / 50%)	W	3450 W
	Input Power (100% / 50%)	W	1365 W
	ISEER		NA
	Air Flow**	m³/h	595 m³/h
	Annual Electricity Consumption	kWh	NA
	Noise*	dB	52 dB
Key Features			
	360° Movement		✓
	Strong Caster Wheels		✓
	Feather Touch Control Panel		✓
	Remote Controlled Operation		✓
	Easy Installation		✓
	Top Air Throw		✓
	Auto Air Swing		✓
	High Efficiency Cooling Tube		✓
	Clean Air Filter		✓
	Auto Restart		✓
	Self Diagnosis Function		✓
	100% Copper		✓
	Eco Friendly Refrigerant		✓
	Blue Fin Coil		✓
Weight & Measu	rement		
	Dimensions (LxBxH)	cm	(43.5 x 36.0 x 72.0) cm
	Packing (LxBxH)	cm	(48.5 x 43.0 x 89.0) cm
	Net / Gross Weight	kg	30.0 kg / 36.0 kg

<sup>\*</sup>Under lab test condition

\*\* Dry Airflow

\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

<sup>\*</sup> Under lab test condition
\*\* Dry Airflow
\*\*\* Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned

#### **FEATURE SUMMARY: INVERTER SPLIT ACS**

Series Model	Model	Cools		Aı	mbi Lighting	l	In Built	Plasma	Auto	Al Alerts	Al A	Alerts	Voice & WiFi	Direct Voice	WiFi Ready	Precision Swing	Smart	Anti Corrosion	Installation	Low	Clean Filter	Turbo Cool	Anti-Viral
Series	Model	Even At		Temperature	Mood	IAQ	Air Purifier	Protective Humidity Shield Control	l Feel	High CO <sub>2</sub>	Open Door	Enabled	Command	1	Control	Air Swing	Coating	Check	Gas Detection	Indication	Turbo Cooi	Filter	
Stellar	WGST	60 °C	6 in 1 Exp	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Stellar	WSSL	52 ℃	6 in 1 Con	Yes	Yes	-	-	-	-	-	-	Yes	Yes	-	-	Yes	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
	WIAQ	60 °C	6 in 1 Exp	-	-	-	Yes	Yes	-	-	Yes	-	Yes	-	-	Yes	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Heavy Duty	WSHX	60 °C	6 in 1 Exp	-	-	-	-	-	-	-	-	-	-	-	Yes	Yes	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
neavy Duty	WGHX	60 °C	6 in 1 Exp	-	-	1	-	-	-	-	-	-	-	-	Yes	Yes	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
	WSHD	60 °C	5 in 1 Con	-	-	•	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Stylus	OGSY	52 ℃	6 in 1 Con	-	-	ı	-	-	Yes	-	-	-	Yes	-	-	Yes	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Changeable Fascia	OGVV	52 ℃	6 in 1 Con	-	-	-	-	-	Yes	-	-	-	Yes	-	-	Yes	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Intelli-Logic	WGIL	52 ℃	5 in 1 Con	-	-	-	-	Yes	Yes	-	-	-	Yes	-	-	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
inteni-Logic	WSIL	52 ℃	5 in 1 Con	-	-	-	-	-	Yes	-	-	-	Yes	-	-	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Wave	WGVV	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Graphic	WGGS / WSGS	52 ℃	6 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Bliss	SBV / SBA / SBW*	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
D1133	RBV / RBA / RBM / RBW	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Element	SEV / SEA / SEM / SEW*	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Licinciii	GEV / GEA / GEM / GEW	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Heat Pump /	WRHD (-10 °C)	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Arctic	WRHC / WRHP (-4 °C)	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Calan Damal	RCEV	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Color Panel	GCEM	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
	WCXV	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Xtreme	WCXA	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Hybrid	WSCR	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Course	SEC / SPC	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	2 Way	Yes	Yes	Yes	Yes	Yes	Yes
Compact	GEC	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Sapphire	AEV / AEC* / BBW*	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Jappinie	BAA/GAD/CVV/RAD	52 °C	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
Pearl	PEV / RBW*	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes
redii	SAA / BEV / ATW	52 ℃	5 in 1 Con	-	-	-	-	-	-	-	-	-	-	-	Yes	-	4 Way	Yes	Yes	Yes	Yes	Yes	Yes

**Important Note:** 

Models marked with \* have 2 Way Air Swing

Heat Pump Models are convertible in cool mode only

# 2024 BEE ENERGY STANDARDS



The star rating of an Air Conditioner is an indicator of its energy efficiency and is certified by the "Bureau of Energy Efficiency" (BEE). The star rating helps buyers understand the energy efficiency of an Air Conditioner and motivates them to save on energy and electricity. The more stars, the higher the energy savings and the lower the energy bills for the user.

As an Air Conditioner buyer, you can see a Star Label with the ISEER (Indian Seasonal Energy Efficient Ratio) rating standards affixed on the Air Conditioner. These ratings range from 1 Star to 5 Stars, with 1 Star being the lowest and 5 Stars the highest in terms of energy efficiency.

The Bureau of Energy Efficiency (BEE) has revised the energy rating standards for Split and Window Air Conditioners with effect from July 1, 2022, in India. All Lloyd Air Conditioners are stringently tested and qualified as per the new/latest BEE energy rating standards.

#### **BEE Energy Standards for Air Conditioners (Reference Table For Customers):**

BEE Star Rating Table (Valid till 31st DEC 2025)										
S. No.	Category	Star Rating	2022 ISEER							
1		1 Star	3.30 ~ 3.49							
2		2 Star	3.50 ~ 3.79							
3	Li ha	3 Star	3.80 ~ 4.39							
4	Colib Acc	4 Star	4.40 ~ 4.99							
5	Split Acs	5 Star	5.00 & Above							
1		1 Star	2.70 ~ 2.89							
2		2 Star	2.90 ~ 3.09							
3		3 Star	3.10 ~ 3.29							
4	Window Acs	4 Star	3.30 ~ 3.49							
5	Willdow Acs	5 Star	3.50 & Above							
1		1 Star	2.70 ~ 3.09							
2		2 Star	3.10 ~ 3.39							
3		3 Star	3.40 ~ 3.69							
4		4 Star	3.70 ~ 3.99							
5	Cassette & Tower ACs	5 Star	4.00 & Above							



- Split AC: Heavy Duty, Inverter, Hybrid, Fixed Speed
- Window AC: Fixed Speed, Inverter
- Tower & Cassette AC: Fixed Speed, Inverter
- Portable AC : Fixed Speed

#### **Capacity Description**

- Split AC: 0.8, 0.9, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0, 2.2
- Window AC: 1.0, 1.5, 2.0
- Tower AC: 2.0, 4.0
- Cassette AC: 1.5, 2.0, 3.0, 4.0

#### Convenience

- Mood Lighting, Voice Based Operation, Wi-Fi Ready & Enabled
- IAQ (Indoor Air Quality), ACP (AC Convertible to Air Purifier), High CO2 Alert
- 6 in 1 Expandable & Convertible AC, Heat Pump AC, Hybrid AC, Precision Swing Control
- I-Feel, Installation Check, Low Gas Detection, Clean Filter Indication, Turbo Cool

#### Concept

- Changeable Fascia Mood Lighting, Voice Based Operation, Optional Wi-Fi
- IAQ (Indoor Air Quality), ACP (AC Convertible to Purifier),
- Plasma Protective Shield, Puro Air Ionizer
- I-Feel, Automatic Humidity Control, High CO<sub>2</sub> Alert, Open-Door Alert
- Heavy Duty, 5 in 1 Expandable, 5 in 1 Convertible, Heat Pump, Portable

#### Choice

- 12 Different Fascia & Deco Prints in Split ACs
- 5 Different Fascia & Deco Prints in Window ACs
- Multiple Color Options
- Deco Prints





# WHY ANNUAL MAINTENANCE CONTRACT (AMC) IS IMPORTANT:

- Saves from unexpected high repair cost.
- Regular service through qualified technicians not only optimise the life of product but also low/optimum power consumption.
- 100% genuine spare parts & cashless transactions.
- Convenience at your doorstep.
- Strong Lloyd Authorized service network.
- Avail all these benefits at an attractive price.

#### WHAT IS COVERED?

- "Lloyd Assured" brand trust and peace of mind plan.
- Unlimited gas charging when need arises.
- Unlimited technician home visits.
- Motor, Capacitor, coil repair or replacement of all defective electrical parts & functional parts\*.
- Two scheduled preventive maintenance services per year.

#### WHAT IS NOT COVERED?

• Physical damage, cosmetic damage, plastic parts, remote (physical damage), normal wear and tear & re-installation.

Lloyd Air Conditioner : AMC Chart (Consumer Offer)											
Category	Split AC &	Window AC	Cassette AC		Tower AC						
Description	1.5 & Below	2.0 & Above	2.0	3.0	4.0	2.0					
1 Year	₹ 2 499/-	₹ 2 999/-	₹8000/-	₹ 11 000/-	₹ 14 000/-	₹8000/-					
2 Year	₹ 3 999/-	₹4 999/-	NA	NA	NA	NA					
3 Year	₹ 5 999/-	₹ 7 999/-	NA	NA	NA	NA					
4 Year	₹7 499/-	₹8 999/-	NA	NA	NA	NA					

Terms & Conditions:

- 1. Prices mentioned are inclusive of GST
- 2. Prices mentioned are subject to change without prior notice
- 3. Customers are requested to contact nearest Authorized Service Centre for AMC
- 4. For further details; please call our customer care at 0804-577-5666

#### THINK EFFICIENCY. THINK LLOYD SERVICE.

For us, customer orientation is the most important thing. And so is customer delight. Our wide array of services are created keeping these aspects in mind. Besides, each offering is not just a service but much more than that — a promise to put a smile on your face.

#### **On-Demand Two Free Services**

Just call us at our Toll Free Nos. for your Lloyd AC's free service. What's more! You can get two services absolutely free within the first 12 months from the date of purchase of your AC at your convenience.

#### **On-the-Spot Solution**

Our in-house call centre works 8am-8pm (Monday to Saturday) to ensure prompt action on your requests and feedbacks given through the Helpline Numbers. This also removes any third party involvement in the process and gives you direct access to our team of experts and professionals.

#### **Nationwide Network**

Our network covers almost every city of the country. You can also choose a service centre close to your place, by simply logging on to our website www.mylloyd.com.

#### **Product Warranty**

More peace of mind is ensured with this unique facility that comes standard with the Lloyd ACs. One year complete warranty on the ACs under conditions mentioned in the warranty booklet with 1+4 years warranty on fixed speed compressor and 1+9 years warranty on inverter compressor.

#### **Hassle-free Installation**

Just to make sure that your Lloyd AC delivers flawless performance for a very long time, we recommend that you get it installed only by our Authorised Lloyd Service Professionals.









#### **Easy Registration and Tracking**

Our online registration (through Havells Sync App and WhatsApp) and tracking facility makes it amazingly simple for you to register your complaints and then track them easily on www.mylloyd.com as well as through Havells Sync.

#### **Annual Maintenance Plan**

We also undertake AMC (Annual Maintenance Contract) that covers the cost for spare parts and service charges including refrigerant charges.

#### **In-house Service Engineers**

We have a huge team of in-house service engineers who have expertise in all our products, which helps us in adding efficiency to our services and reducing our overall response time at the same time, hence ensuring customer delight.

#### **Dedicated Havells Sync App and WhatsApp**

Now register service requests in no time and enjoy the convenience of various other features with our dedicated Havells Sync App & WhatsApp.



#### SERVICE NETWORK

COMPANY OWNED SERVICE CENTRES

CUSTOMER CARE NUMBER

ANDHRA PRADESH, BIHAR, CHATTISGARH, DELHI, GOA, GUJARAT, HARYANA, HIMACHAL PRADESH, JAMMU, JHARKHAND, KARNATAKA, KASHMIR, KERALA, MADHYA PRADESH, MAHARASHTRA, NORTH-EASTERN STATES, ODISHA, PUNJAB, RAJASTHAN, TAMIL NADU, TELANGANA, UTTARAKHAND, UTTAR PRADESH, WEST BENGAL

PAN INDIA **0804-577-5666** 

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