



APPLIANCES  
THINGS MADE THOUGHTFULLY

# HEAVY-DUTY COOLING WITH **99.9%** VIRUS STERILIZATION\*



nanocoated  
anti-viral filter



\*Virus reduction measured on Nano Coated Filter surface by independent laboratory



LOWEST GLOBAL WARMING  
POTENTIAL REFRIGERANTS



SUPER  
ENERGY EFFICIENT



WIDEST SALES &  
SERVICE NETWORK



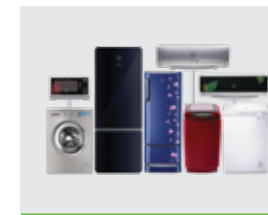
COMPREHENSIVE  
PRODUCT RANGE

Where It All Began!  
Godrej & Boyce  
Mfg. Co. Ltd.

SINCE  
**1897**

What started as a locks business in 1897, has since become one of India's most trusted brands, serving over 1/3<sup>rd</sup> of the country and over 1.1 billion customers worldwide, every day. Woven into the very fabric of modern India, Godrej group – now 124 years young with 16 Strategic Business Units, has been making lives better with excellence in numerous fields. With Brighter Living as its foundation, brand Godrej has consistently delivered innovative and high quality products, based on deep consumer insight and attention to detail.

Godrej & Boyce Mfg. Co. Ltd. builds everything from locks, security solutions, to rocket launchers, from furniture and appliances to satellites.



Godrej Appliances



Godrej Audio Visual Solutions



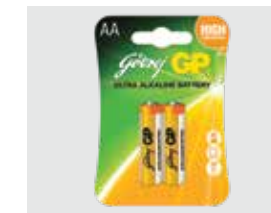
Godrej Interio



Godrej Vending



Godrej Security Solutions



Godrej Batteries



Godrej Locking Solutions & Systems



Godrej Storage Solutions



Godrej Material Handling



Godrej Tooling



Godrej Precision Engineering



Godrej Electricals & Electronics



Godrej Precision Systems



Godrej Construction



Godrej Process Equipment



Lawkim Motors Group

Where We Started

1958



**GODREJ APPLIANCES**

With the legacy and expertise of the illustrious Godrej & Boyce group, Godrej Appliances has emerged as one of the largest players in the home appliances space in India. We take pride in our values - Integrity, Respect, Trust, Environment and Service. These values are inculcated in all our employees. These values guide us every day to achieve our mission of enriching life through pioneering products and services. Our product portfolio today is as rich as our heritage. From refrigerators in 1958, we have expanded our offerings and over time, successfully launched multiple categories like Washing Machines, Air Conditioners, Microwave Ovens, Thermoelectric cooling solutions, highly Specialised Medical refrigerators, Deep Freezers, Air Coolers, UV-C based disinfecting device and most recently Dishwashers .

2021





## Where Are We Headed

Our march forward is led by our commitment to always deliver relevant technology with the promise of sustainability. We believe in making products that change lives for the better. Technology and innovation are not just trend-setting words, they are a way of life at Godrej Appliances.



**Refrigerator**  
Convenient bottom-mounted refrigerators



**Washing Machine**  
More than 99.99% disinfection, powered by GermShield technology



**Air Conditioner**  
India's most eco-friendly and super power-saving Inverter AC



**Microwave Oven**  
Healthy Cooking Technology



**Deep Freezer**  
Most energy-saving and eco-friendly Deep Freezers



**Medical Refrigerator**  
Medical refrigerators that ensure vaccines never freeze



**Thermoelectric Cooler**  
Godrej Qube is a personal cooling solution based on thermoelectric technology



**Air Cooler**  
India's first Air Coolers with Inverter technology



**UV-C based disinfecting device**  
Godrej ViroShield  
99.9% UV-C based Covid Virus disinfection in 2 minutes



**Dishwasher**  
Specially suited for Indian kitchens, powered by steam, UV ion and Turbo drying technology

## International Footprint

As we expanded our portfolio, we also widened our reach, and proudly carried the Indian flag to other SAARC nations – Afghanistan, Bangladesh, Nepal, Sri Lanka; the Middle East – Bahrain, Oman, Qatar and UAE; and the African subcontinent – Ghana, Kenya, Nigeria, Tanzania, Uganda, Libya, Congo, Togo, Madagascar, Sudan and Mauritius; and also to Belgium, Brazil, Grenada and Papua New Guinea.

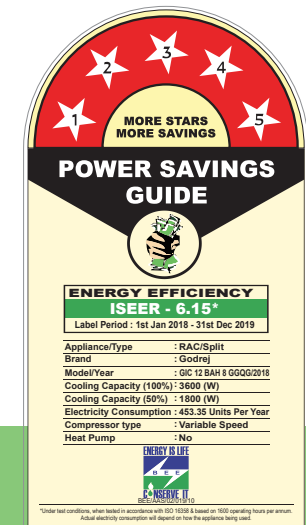
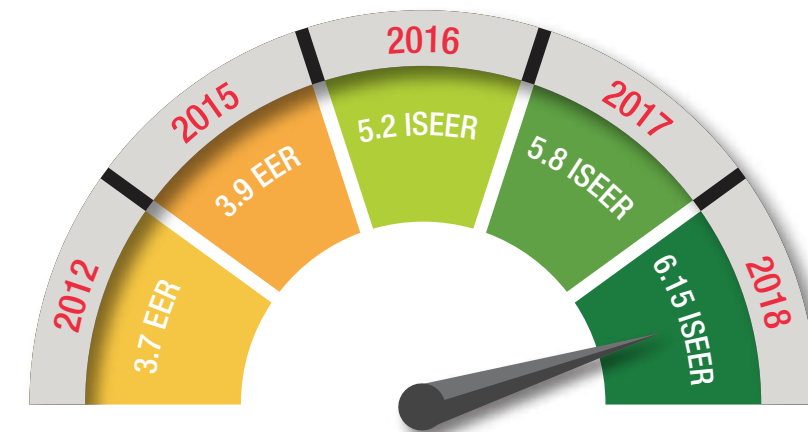
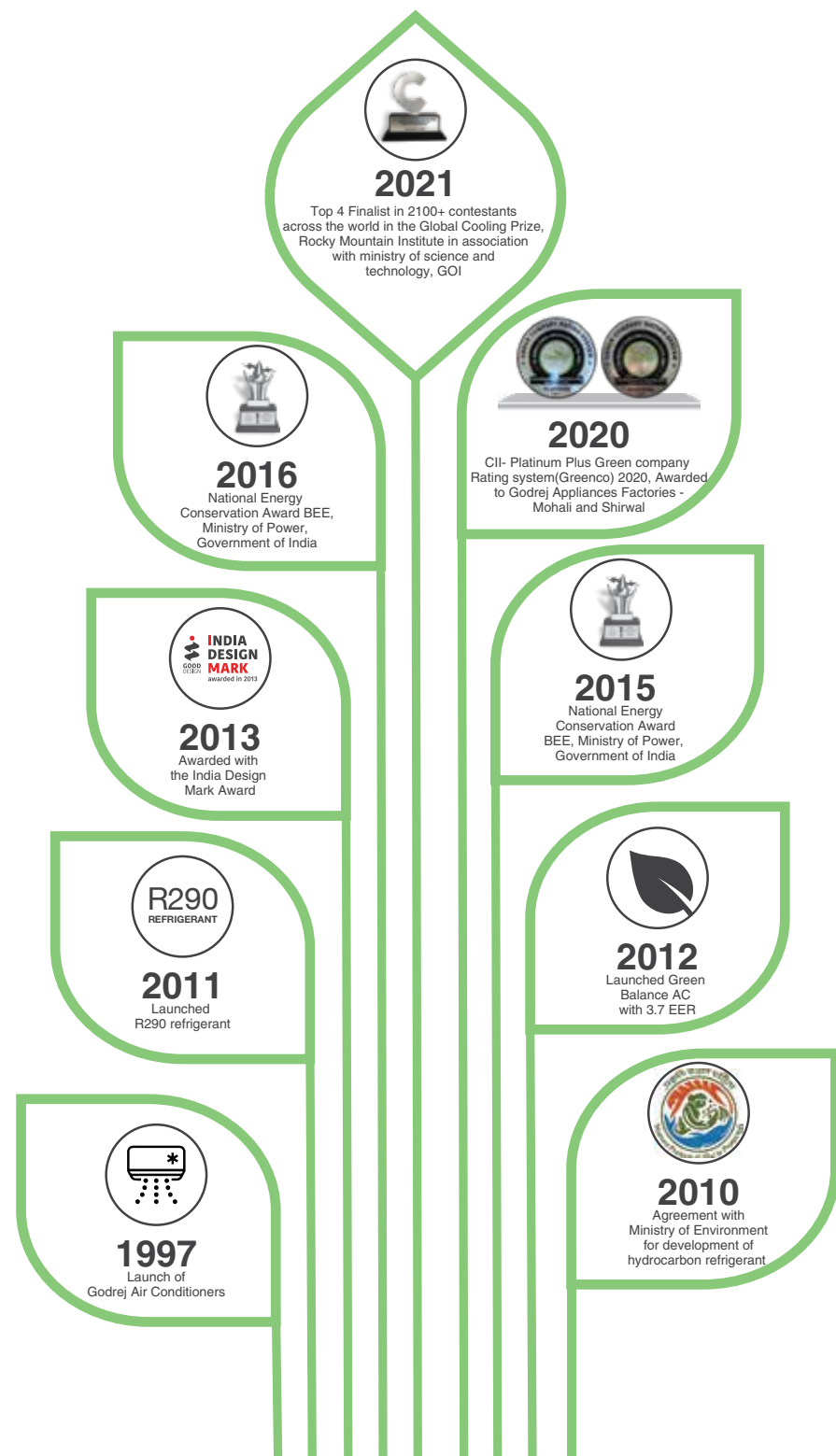




OVER  
**3 MILLION** ★★★  
AIR CONDITIONERS  
SUCCESSFULLY INSTALLED AND SERVICED

## Journey of Godrej Air Conditioners

In 1997, Godrej Appliances launched its Air Conditioner range in India. With more than two decades of experience in designing, supplying, installing, and servicing air conditioners, we realize the importance of providing efficient cooling with minimal power consumption to meet Indian consumer expectations.



### GODREJ AIR CONDITIONERS

Our thoughts go beyond the ordinary in every aspect of cooling. Like in 2011, we pioneered the use of R290 hydro-carbon refrigerant in room air conditioners. R290 is one of the most eco-friendly refrigerants and has an ozone depletion potential of zero with global warming potential of only 3.

In 2018, as per the latest ISEER rating guidelines, we introduced the highest energy rated air conditioner in the room air conditioner category. It has an ISEER of 6.15 and is found to be 36.6% more efficient than a 5-star rated air conditioner.

We even proceeded to becoming a finalist at the prestigious Global Cooling Prize 2020, where we prototyped a futuristic air conditioner that has 5-times less impact and 80% more energy efficiency than a standard air conditioner.

That's not all, our thoughts go further in designing durable products, The advance twin-rotary inverter compressor, larger indoor units and advanced sensors ensure precise and long-lasting cooling. Our tough-build ODUs have embossed panels, valve covers, condenser grills and anti-corrosive blue-fin coating on condenser fins to resist corrosion and withstand the harsh conditions outside. Our PCBs in the indoor and outdoor unit are protected with a metal casing that reduces the possibility of damage in the event of fire.

We at Godrej Appliances have always had green at the heart of all our Godrej products. When it comes to air conditioners, we offer the most eco-friendly, energy-efficient and thoughtfully designed heavy-duty air conditioners.

## What Happens Behind The Scenes Research & Development



Psychrometric Lab

Balance Ambient Lab

Godrej has been a pioneer in introducing eco-friendly and energy-efficient technologies to the world. We are the first and only brand to commercially introduce the R290 refrigerant, which has a Global Warming Potential of only 3 (lowest compared to other refrigerants), in the Residential Air Conditioner segment.

This has been possible because of our Research and Development team's relentless pursuit of perfection to offer relevant technology that adds value to the life of the customer and also cares for our environment.

Each feature is designed to deliver a seamless air-conditioning experience.

To deliver on our promise of superior quality, we have invested in an in-house testing facility that test the ACs under extreme conditions for consistent performance. Our products go through a series of tests to deliver a delightful product experience to our consumers:

1. Performance tests
2. Reliability tests
3. EMI-EMC tests

### Performance testing:

At our performance testing facility, every air conditioner is tested against harsh environmental conditions like extreme temperature and humidity levels, to provide guaranteed performance anywhere in the world. Here, we also simulate conditions of coil blockages to check compressor performance. Performance of the air conditioner under fluctuating voltages and power surges are also checked here.

### Reliability testing:

A tropical country like India has a different mix of temperatures across various regions. ACs are tested considering these variations; specifically targeting maximum temperature, minimum temperature, and humidity conditions recorded in various regions. Even the packaging of all the models are tested to withstand the transportation conditions in our country, so that customers receive the product in the best condition.

### EMI-EMC testing:

The Air Conditioner is tested under severe conditions according to International Standards laid down by IEC (International Electrotechnical Commission), taking into consideration the electricity supply conditions in our country.



## Building a Strong Infrastructure



Aerial View Of The Godrej Air Conditioner Manufacturing Facility, Shirwal, Maharashtra



Entrance Of The Godrej Air Conditioner Manufacturing Facility, Shirwal, Maharashtra

### ACCREDITED BY BUREAU OF INDIAN STANDARDS

Our manufacturing facility at Shirwal, Maharashtra, India is accredited by Bureau of Indian standards. All our in-house manufactured air conditioners come with an ISI mark



### WORLD-CLASS MANUFACTURING

Our air conditioner manufacturing plant at Shirwal, Pune, India, aims at creating products that will add value to the life of a customer. With modern, state-of-the-art manufacturing technologies and equipment adhering to international quality standards and manufacturing processes, we constantly develop products for the entire global market with superior quality and reliability. We are the only air conditioner manufacturer in India to use the world's greenest R290 refrigerant which has the lowest global warming potential and zero ozone depleting potential. Over the last seven years, we have invested Rs. 1100 crore in capacity, R&D and technology expansion there by, demonstrating our commitment to 'Make in India'. Our manufacturing footprint is now spread across 1.50 lakh sqft with 4 lakh units of air conditioner production capacity at Shirwal. The plant is also awarded the prestigious "Platinum GreenCo" certification by CII Green Business Centre for TUV-certified manufacturing.



Injection Moulding Set Up At Air Conditioner Manufacturing Facility, Shirwal, Maharashtra



Heat Exchanger Set Up At Air Conditioner Manufacturing Facility, Shirwal, Maharashtra



# Our Backward Integrated Air Conditioner Manufacturing Facility

## COMPONENT ASSEMBLY



INJECTION MOULDING



FIN PUNCHING



HAIRPIN BENDING & INSERTION



COPPER TUBE EXPANSION



COPPER TUBE BRAZING

## ODU ASSEMBLY



HELIUM LEAK TEST

## IDU ASSEMBLY



COMPRESSOR & CONDENSER FITMENT & BRAZING



FAN FITMENT



ODU CONTROL BOX FITMENT



GAS CHARGING



FRONT GRILL FITTING



EVAPORATOR COIL FITTING



ODU GAS CHARGING



PANEL FIXING



HVIR TEST



PERFORMANCE TEST



PACKAGING

➔ FINAL PRODUCT



## Products Good For You and The Environment

A refrigerant is a gas that is used to provide cooling in air conditioning systems. The refrigerant absorbs the heat from the room and releases it out in the environment. As the refrigerant absorbs heat, it undergoes a change in its state from liquid to gas. When the compressor compresses the refrigerant, it transitions back to liquid. This continuous cycle helps the air conditioner deliver cooling.



### GODREJ LAUNCHES R290 REFRIGERANT IN INDIA

In 2010, Godrej signed a tripartite agreement with the Ozone Cell of the Ministry of Environment and Forests, and German Agency, GTZ (now GIZ) for the development of hydrocarbon refrigerant-based air conditioners. In April 2012, we inaugurated the TUV (Technischer Überwachungsverein - Technical Inspection Association) certified production line at our Shirwal factory for manufacturing these air conditioners and so in 2012, we launched the most energy-efficient air conditioner with 3.7 EER, which used the world's greenest refrigerant - R290.

The new range of Godrej Air Conditioners have been designed keeping eco-friendliness at its core. Our 2021 series of Godrej ACs use only R290 or R32 refrigerant which have 2 key features:

### ZERO OZONE DEPLETION POTENTIAL

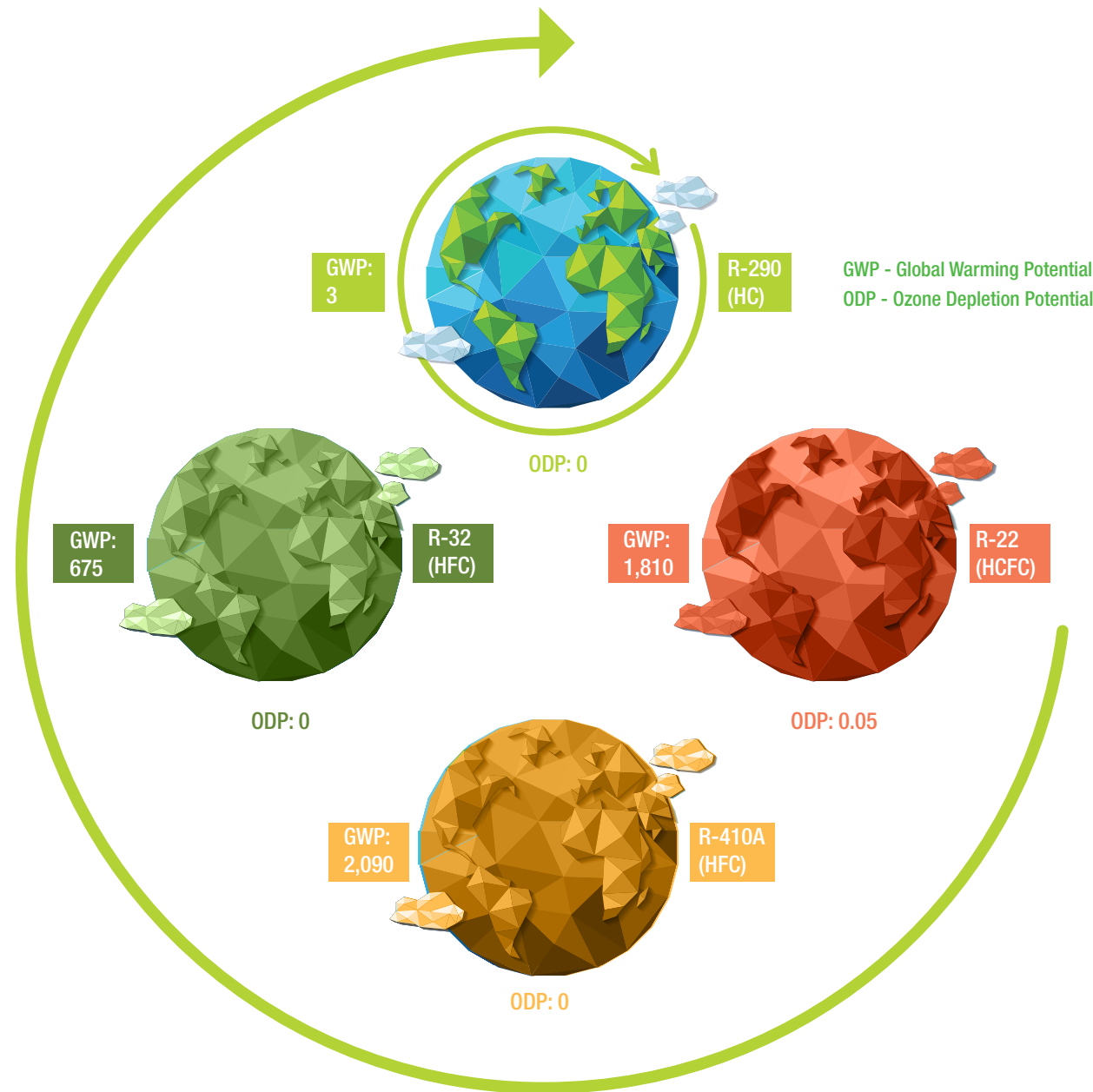
The Ozone layer absorbs 97-99% of the Sun's high frequency ultraviolet rays (UV-B rays), which are potentially damaging to life on Earth. Some manmade chemicals like CFCs and other halogenated ODS deplete this Ozone layer. Ozone Depletion Potential (ODP) is a metric that measures the amount of ozone depletion caused by a substance. Some refrigerants used in ACs are also known to cause Ozone depletion. However, with an ODP of 0, R290 and R32 don't cause any harm to the Earth's ozone layer, thereby protecting the Earth and its atmosphere from harmful ultraviolet radiations of the Sun.

### LOWEST GLOBAL WARMING POTENTIAL

Global Warming refers to the gradual increase in the overall temperature of the Earth due to the greenhouse effect caused by increased levels of carbon dioxide, CFCs and other pollutants in the atmosphere. Global Warming Potential (GWP) is a measure of the amount of heat a greenhouse gas traps in the atmosphere. Higher the GWP of a refrigerant gas, higher is its contribution to the rise in the Earth's temperature. With a GWP of only 3 (for R290 refrigerant, used in Godrej ACs) and 675 (for R32), when compared with other refrigerants with GWP of 1810 and above, Godrej ACs use the most eco-friendly refrigerants, thus ensuring lowest global warming impact.



## COMPARATIVE IMPACT OF DIFFERENT REFRIGERANTS ON THE ENVIRONMENT



WITH R290, WE HAVE ACHIEVED

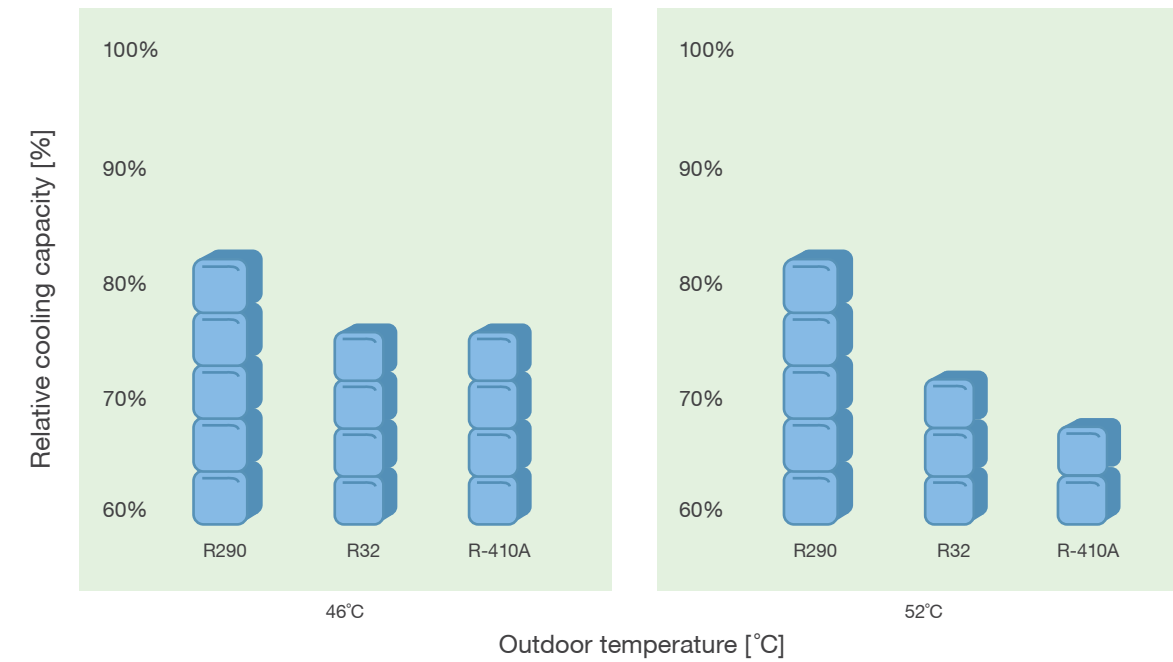
**99.8%**

REDUCTION IN GLOBAL WARMING POTENTIAL

## OTHER KEY BENEFITS OF R290 REFRIGERANT:

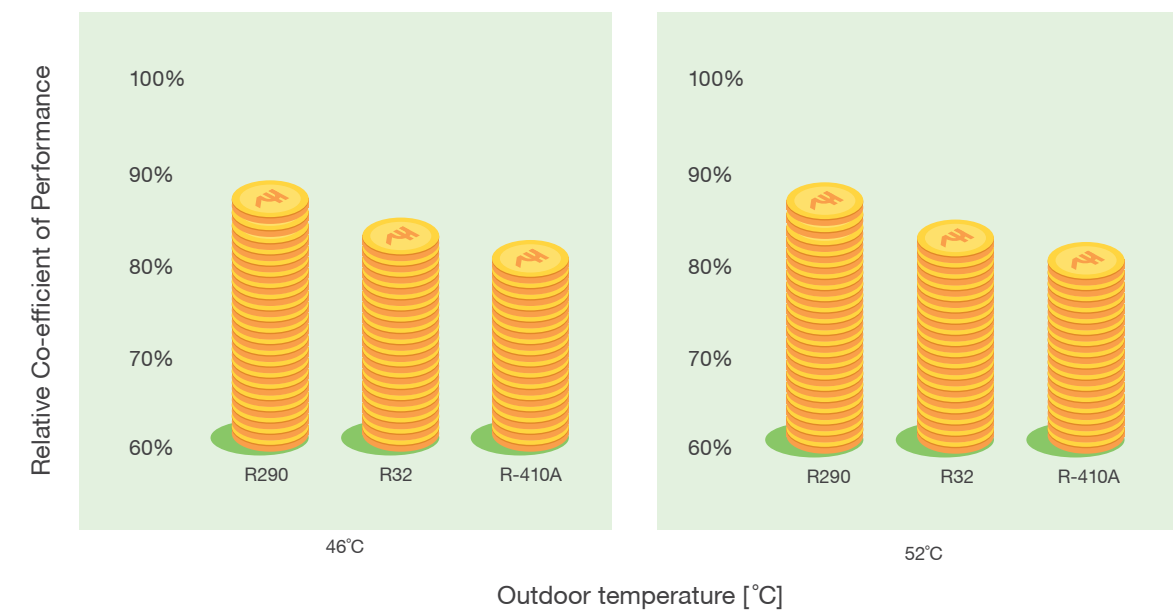
### Increase in cooling capacity range at high ambient temperatures

R290 improves compressor reliability and can work at higher pressure ratios. This enables it to provide better cooling at high ambient temperatures and ensure lower derating.



### More power saving at high ambient temperatures

With high cooling capacity, R290 also provides better energy efficiency at high ambient temperatures.



Source: Internal testing at R&D facility.



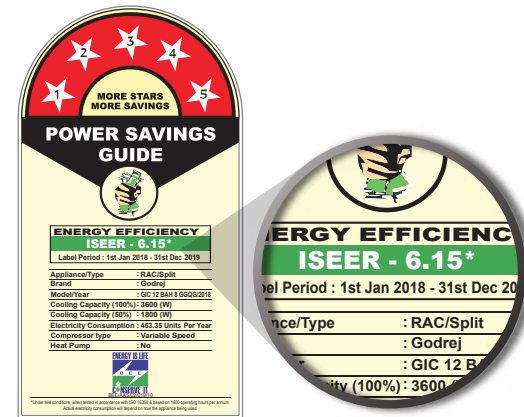
## How To Read The Energy Label

### WHAT IS ISEER?

(Indian Seasonal Energy Efficiency Rating)

The Bureau of Energy Efficiency (BEE), Government of India, has introduced a new star rating method called Indian Seasonal Energy Efficiency Rating (ISEER) for Air Conditioners. This new rating methodology takes into consideration the temperature variations across India to calculate the energy efficiency of their conditioner. Hence, ISEER is a more evolved energy rating methodology which measures an AC's performance more accurately.

Always check for ISEER 2019 ratings on the BEE label before buying an air conditioner.



### Split Air Conditioner

ISEER 2018 Onwards	ISEER Rating (kWh/kWh)
5 Star	4.50+
4 Star	4.00-4.49
3 Star	3.50-3.99
2 Star	3.00-3.49
1 Star	3.10-3.29

### Window Air Conditioner

ISEER 2018 Onwards	ISEER Rating (kWh/kWh)
5 Star	3.30+
4 Star	3.10-3.29
3 Star	2.90-3.09
2 Star	2.70-2.89
1 Star	2.60-2.69



### ELECTRICITY CONSUMPTION IN 1 YEAR (1600 HOURS)

The energy calculation is based on a standard assumption that an air conditioner runs for 8 hours a day, 25 days a month, 8 months in a year (25x8x8 = 1600). So, if the units shown in the energy label is 453.35, it means that the air conditioner consumes 453.35 units in 1 year i.e. 1600 hours. So, units consumed per hour = 453.35/1600 = 0.28 units/hour. Average cost of electricity = Rs.6/unit (will vary by location) So, cost of running the air conditioner for 1hr = Rs.6 x 0.28 = Rs.1.68

## 24°C To Cool The Planet




Electricity consumption due to space cooling (air conditioning) accounts for approximately 30% of total consumption of electricity in India. A substantial amount of energy can be saved, if the temperature setting of air conditioners is done optimally.

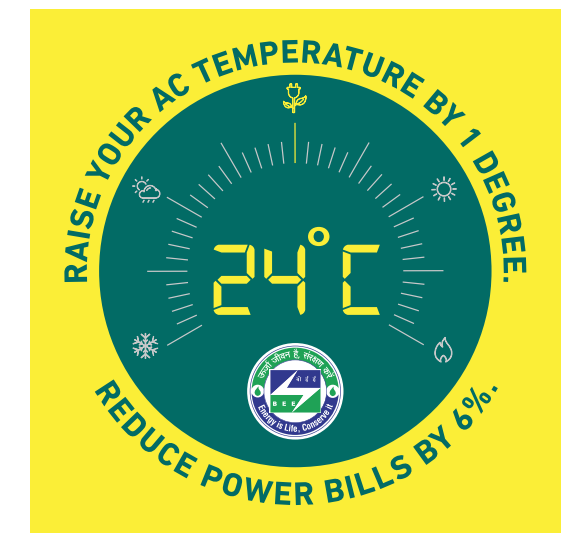
The Bureau of Energy Efficiency, Ministry of Power, Government of India has advised air conditioner businesses to set the default starting temperature of air conditioners at 24°C.

Most air conditioners have a starting temperature of 18°C, resulting in a lot of temperature regulation by people to attain the optimal setting. This releases a lot of heat and gas emissions.

In a time where it is imperative to think about one's impact on the environment, Godrej Appliances takes pride in adopting this initiative, even in its voluntary phase. The initiative encourages a practice that is both eco-friendly and ensures 25% energy savings, because innovation must also be good-natured.

### BENEFITS

-  Reduced electricity consumption – reduced carbon footprint
-  Lower power bills
-  Promotes healthy living



**99.9% Virus Sterilisation With Nano-Coated\* Filter**

**HEAVY-DUTY COOLING WITH 99.9% VIRUS STERILIZATION\***



**nanocoated anti-viral filter**



\*Virus reduction measured on Nano Coated Filter surface by independent laboratory.

Godrej Air Conditioners have a tri-filter air purification system which ensures that the air in your home is 99.9%+ free from bacteria, air borne pathogens, dust particles, odour, hair, etc.

• **Nano Coated Filter\*:**

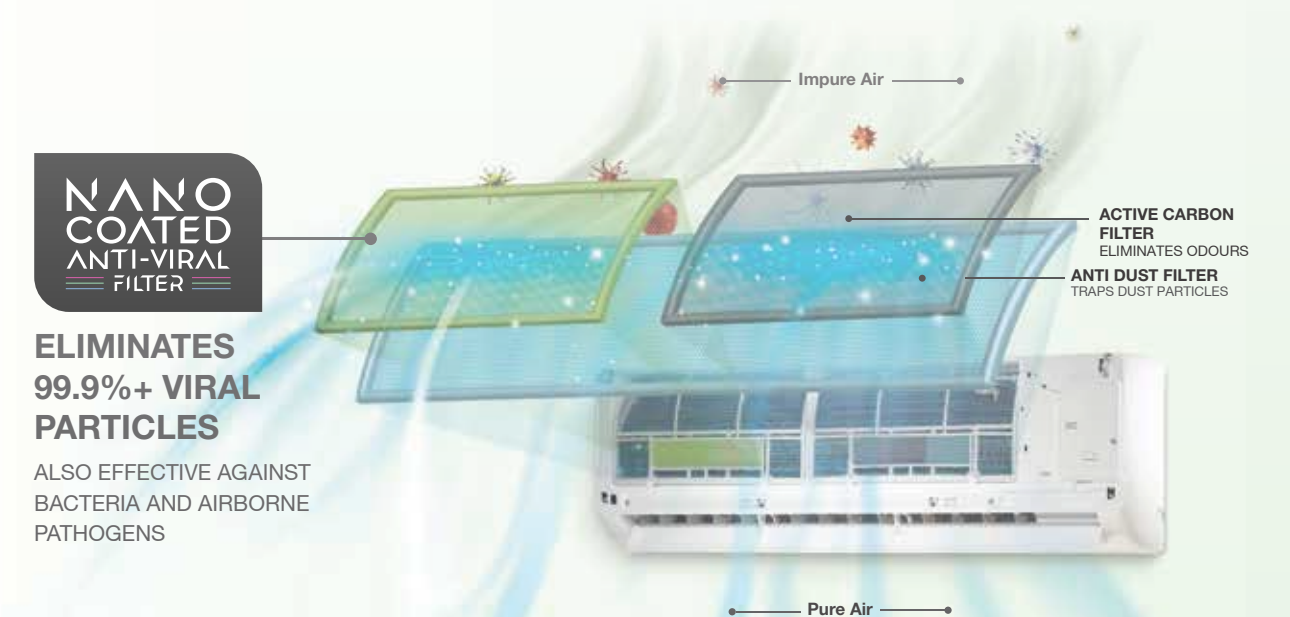
Godrej Air Conditioners come with a special anti-viral filter that offers 99.9%+ virus sterilisation. The air conditioner is equipped with a special nano-coated filter that eliminates viral particles coming in contact with it. In the context of the pandemic this is an especially important feature to keep the air you breathe pure and protect from air borne pathogens. The nano-coated filter is also effective against bacteria and keeps you and your loved ones healthy.

• **Active Carbon Filter:**

This filter uses the principle of chemical adsorption. Small particles of carbon block contaminants, impurities and odour, giving you fresh and clean air to breathe.

• **Anti-Dust Filter:**

This filter helps trap airborne contaminants including dust, pollen, spores etc., thereby improving the indoor air quality. It is, therefore, immensely beneficial for asthma patients, children and adults who suffer from frequent cold, coughs and respiratory problems. By removing dust particles and other irritants like microbes, these filters also enhance the life span of your Air Conditioning unit and improve its performance.



\*Images shown are for reference only, actual product may vary.  
\*T series.

**Stay Cool with Powerful Cooling at 52°C**



**Ordinary Air Conditioner**



**Godrej Air Conditioner**



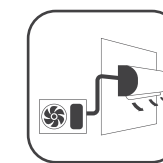
Peak summers in India can witness temperatures rising above 45°C. Such conditions of scorching heat render many air conditioners useless. However, Godrej Air Conditioners are tested for cooling performance at 52°C and can be trusted to keep you cool even in such high temperatures.

**25m Long Piping Flexibility**



Godrej Air Conditioners are thoughtfully made keeping customer convenience at its heart, right from the product designing stage. Keeping in mind the limited space and location options available outside your home for installing the outdoor unit, Godrej Air Conditioners (with R290 refrigerant) provides you the flexibility to install the outdoor unit up to 25 metres away from the indoor unit. This is possible due to its powerful heavy duty compressor operation.

**BENEFITS**



Installation flexibility with no loss in cooling.



Peace of mind during installation.



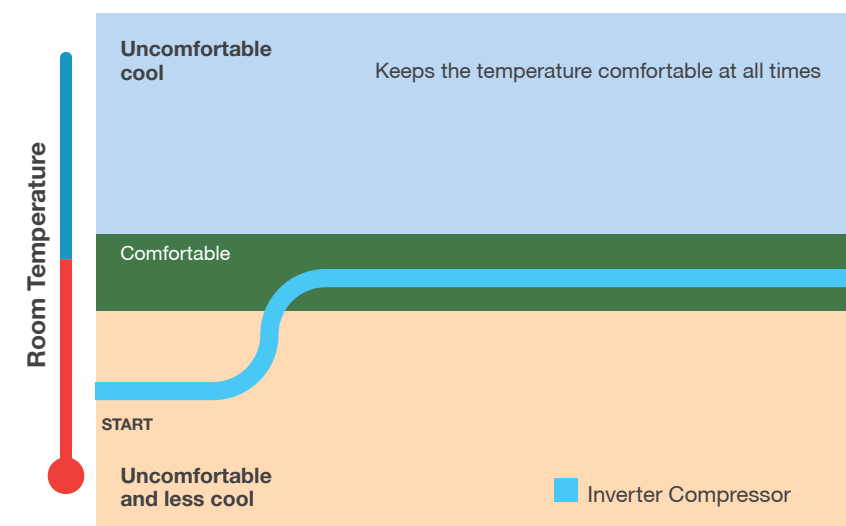
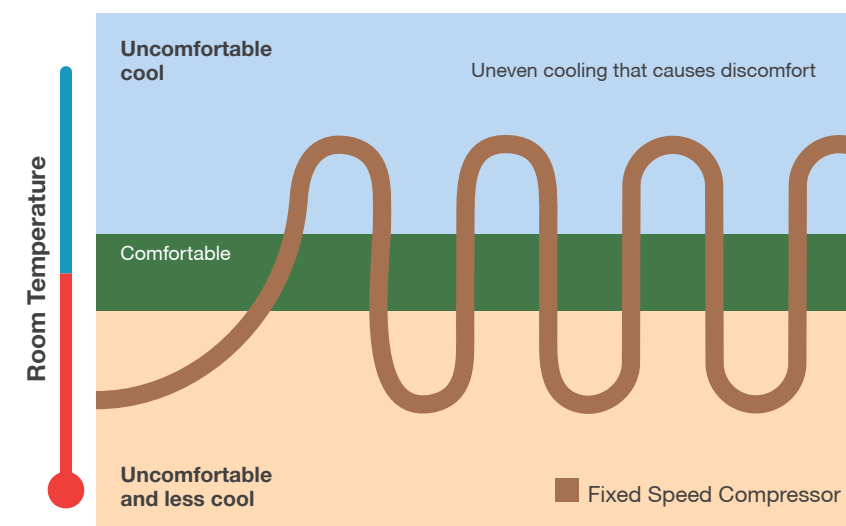
## Efficient Operation

With regular non-Inverter Air Conditioners, when the air conditioner cools the room down to the set temperature, the compressor switches off. It remains so until the temperature in the rooms goes up again. On sensing the same, the compressor starts working again, repeating the same procedure. But that's not the case with an Inverter air conditioner.

### Inverter TECHNOLOGY

When you set the required temperature, the air conditioner adapts its speed depending on the heat load in the room by adjusting the speed of its motors, which ensures efficient use of electricity for long hours of operation.

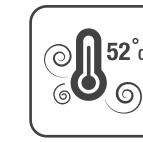
It maintains the temperature level in the room according to the thermostat setting accurately.



Air conditioners with fixed speed compressors (non-inverter) start and stop repeatedly in order to maintain the pre-set room temperature. These fluctuations consume more electricity. On the other hand, inverter compressors run continuously, quickly optimizing the operating frequency according to changes in the room temperature. This ensures energy-efficient operation and greater comfort.



**Silent operation.**



**Accurate temperature levels as per thermostat setting.**



**More energy efficiency.**

## Heavy Duty Twin Rotary Inverter Compressor



At Godrej, we believe in continuous innovation. Thus, we went one step further to upgrade from a normal Inverter compressor to a Twin Rotary Inverter Compressor, which has higher durability and consumes much less energy than conventional Inverter compressors.

This is a Varied Speed Dual Rotary motor with wider rotational frequency that ensures faster cooling and more energy efficiency, as well as significant reduction in noise levels. It constantly adjusts the compressor's speed to maintain desired levels of temperature and assured power savings. This eliminates the need of an additional stabilizer as well. Staying ahead of the competition, Godrej also offers a 10-year warranty on the compressor of all Inverter ACs.

### BENEFITS



**Quick Cooling**  
Powerful compressor allows quicker cooling.



**Powerful Cooling**  
Keeps you cool, even at 52°C.



**Reduced Operating Costs**  
Minimum energy loss means reduced operating costs.



**Warranty**  
On all Inverter compressors.



**Silent Operation**  
The Twin Rotary compressor makes minimum noise.



**Maximum User Comfort**  
Desired temperature can be varied and adjusted with minimal fluctuation.

\*Images shown are for reference only, actual product may vary.

25 Feet Long Air Throw 



GIC 24ETC5-WTA (2 Tr | 5 star)



1078mm width



Long & Wide Air Throw

The flagship GIC 24 ETC5 air conditioner comes with a 1078mm wide indoor unit. It's exceptionally large size, aerodynamic blower design and large heat exchanger coil surface area, help propel air throw even up to a 25 feet distance! Thereby ensuring uniform cooling across corners of your large office or banquet hall or even your living room.



## Brushless DC Motor (BLDC)



Brushless DC Motors (BLDC) are the best choice for most applications, especially in Motor Control Technology. Unlike regular motors, these operate on an electronic communication arrangement which helps in reducing friction, thus delivering higher energy efficiency and quieter operation. This helps in increasing the durability of your air conditioner.



BLDC Motor



Cross-sectional view of BLDC motor

Absence of brush helps in providing better efficiency and ensures less noise.

### BENEFITS OF BLDC MOTOR



#### Higher Efficiency

Since the BLDC motors operate without brushes, there is no loss of energy due to friction, thus delivering higher energy efficiency.



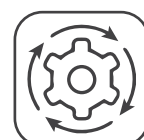
#### Silent Operation

The absence of brushes ensure significant reduction in noise generated by the motor during operation.



#### Enhanced Durability

With no wear and tear due to the absence of brushes, the motors are able to perform efficiently for many years.



#### High Speed Operation

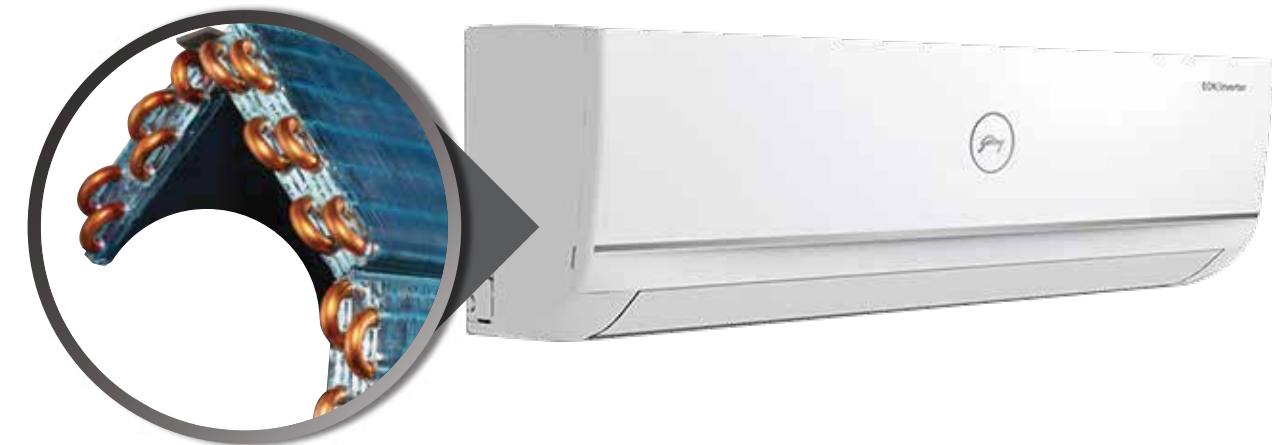
BLDC motor systems provide flat torque over a wide speed range, providing powerful cooling.

## Blue Fin Anti-Corrosive Copper Evaporator



When the refrigerant flows through the evaporator coils, it comes in contact with the hot air in the room. When the water vapour in your room's warm air hits the cold evaporator coils, the water vapour condenses into liquid form on the evaporator fins. Due to this process, the evaporator is always in contact with water droplets and hence, there is a high probability of rust formation.

To counter that, Godrej Air Conditioners come with an evaporator that is specially coated with twin side Blue fin anti-corrosion coating, which protects it from rust and corrosion caused by water condensation. This enables the Air Conditioner to handle heavy duty operations by increasing its structural durability to maintain consistent and powerful cooling, while cutting down on maintenance and repair expenditure.



### BENEFITS OF BLUE FIN COATING

#### 1. Prevention from rust and corrosion

Twin side anti-corrosion coating on the evaporator fins protects the Air Conditioner from rust and corrosion caused by water condensation due to cooling.

#### 2. Heavy duty performance

The anti-corrosive coating increases the structural durability by making the evaporators corrosion-resistant. It also helps in uninterrupted cooling, providing you with a pleasant environment.

## Designed For Tough Build



The thoughtfully designed and tough-built outdoor unit (ODU) of Godrej Split Air Conditioner, can withstand harsh weather and deliver superior performance for years! The condenser comes with anti-corrosive blue fin coating that prevents rusts and is additionally protected from dents by an extra grill provided at the back. The aerodynamic fan made of durable-virgin material has a carefully designed fan cover that keeps pests away. Even the connectors & inlets are guarded by a valve cover against harsh weather. Godrej ODUs have an embossed top-panel that gives it structural strength and have additional handles on the sides for easy manoeuvrability

### ANTI-CORROSIVE BLUE FIN COATING PREVENTS RUSTING AND ENSURES LONGER LIFE



### VALVE COVER GUARDS CONNECTORS AND INLETS AGAINST HARSH WEATHER

### EXTRA GRILLS AT THE BACK PROTECT CONDENSER FROM DENTS

## BENEFITS



Increased  
Structural  
Durability



Easy  
Installation



Additional  
Protection



### EMBOSSSED TOP PANEL

GIVES STRUCTURAL STRENGTH  
TO THE OUTDOOR UNIT

### ADDITIONAL HANDLE

ENSURES BETTER  
MANOEUVRABILITY

### AERODYNAMIC FAN

MADE OF VIRGIN MATERIAL  
FOR DURABILITY



### CAREFULLY DESIGNED FAN COVER

KEEPS PESTS AWAY



## Golden Fin Anti-Corrosive Condenser



The range of Godrej ACs with R290 refrigerant come with a special condenser that is coated with Golden Fin anti-corrosive coating, which is similar to Blue fin, and aids in withstanding the effects of salty air, rain, dust, smoke and chemicals; protecting the condenser from rust and corrosion. The condenser with Golden Nano coating has gone through a rigorous salt spray test. The condenser was tested in a salt and smog environment for over 4000 hours and passed the test without any leakage.



## Blue Fin Anti-Corrosive Copper Condenser



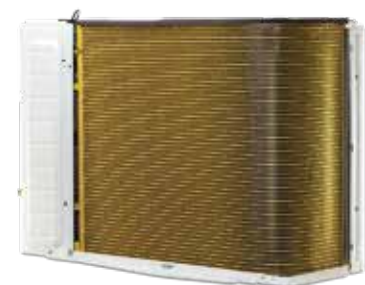
Our air conditioners come with not only a copper condenser, but also with an additional anti-corrosive Blue fin coating. This special coating aids in withstanding the effects of salty air, rain, dust, smoke and chemicals, thus protecting the condenser from rust and corrosion and ultimately, making it structurally durable.



### SUCCESSFULLY PASSING 4000+ HOURS OF SALT SPRAY TESTING

**Golden Fin Condenser**

**Ordinary Condenser**

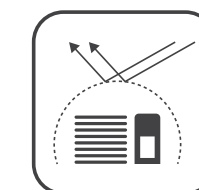


Survived 4000+ hours of salt spray test without corrosion.

Heavy corrosion observed. Couldn't survive the test, causing rust formation and resulting in gas leakage.

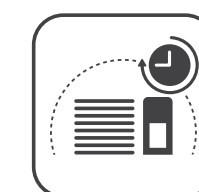


### BENEFITS OF GOLDEN FIN AND BLUE FIN COATING

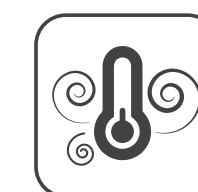


**Prevention from rust and corrosion**  
Twin side anti-corrosion coating protects the Air Conditioner from rust and corrosion caused by harsh weather and pollution.

### HEAVY DUTY PERFORMANCE



**Increased structural durability**  
Increases the lifetime of the air conditioners by making the condenser corrosion-resistant.



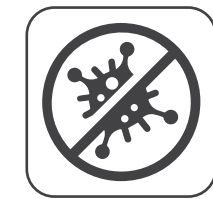
**Uninterrupted powerful cooling**  
Helps in consistent and powerful cooling, providing you a pleasant environment.

\*Images shown are for reference only, actual product may vary.

**Healthy Auto-Blow** Auto Blow



**BENEFITS**



Prevents bacterial formation on the evaporator.



Keeps the air you breathe clean and healthy.



Protects the evaporator from rusting.

Godrej air conditioner with healthy auto-blow resists bacterial formation by eliminating the moisture inside the unit. This function can be activated by the user at their discretion, so as to keep the air they breathe clean and healthy. On regular days, it is recommended that the feature is used fortnightly. On humid days, weekly usage is recommended.



## Smart Diagnosis



The display on the indoor unit of your Godrej Air Conditioner shows you the set temperature like a regular air conditioners , but it has also been smartly programmed to help you to diagnose any issue with your air conditioners

In case of an issue, the display of the indoor unit shows an 'Error Code', which helps in identifying any fault in the air conditioners operation.

ERROR CODE*	DETAIL OF THE ISSUE
<b>E1</b>	There is a fault with your indoor fan.
<b>E6</b>	There is a communication issue between the indoor and outdoor unit.
<b>F7</b>	There is a fault with the temperature sensor on the outdoor unit.
<b>F9</b>	There is an issue with your outdoor unit fan.

\*Error codes may vary by model. Refer to user manual for details.

## Anti-Freeze Thermostat (Evaporator Coil Sensor)



**ANTI-FREEZE THERMOSTAT**

The evaporator coil has a sensor in Godrej Air Conditioners that prevents damage to the compressor, by cutting it off in case there is ice formation on the evaporator coils. This may happen when the temperature is set very low for a long time, or due to some other rare technical reasons.



Protection of Vital Parts



Safety





## Silent Operation



Godrej Air Conditioners operate silently, providing you a comfortable cooling experience and peaceful sleep.



**MULTI-LAYERED  
ACOUSTIC JACKET**

Ordinary Air Conditioners make a lot of noise that cause disturbance. This is majorly a result of wear and tear of internal components. Godrej Inverter Air Conditioners come with an acoustic jacket for the compressor. The key components of the outdoor unit are compressor. The key components of the outdoor unit are enclosed in an acoustic jacket, which not only blocks the noise, but also protects these components from potential damage.

\*Images shown are for reference only, actual product may vary.

## Warranty for Peace of Mind

A compressor is the heart of any Air Conditioner. So, it is essential to safeguard it for a long and peaceful air-conditioning experience. That's why, Godrej provides a 10-year compressor warranty on the entire range of Inverter Air Conditioners.

**10  
YEAR**

Warranty

On all  
Inverter  
Air Conditioners



## HEAVY DUTY FIXED SPEED COMPRESSOR WITH 5-YEAR WARRANTY

The Heavy Duty Fixed Speed Compressor of Godrej Air Conditioners is designed for better durability, more energy efficiency and silent operation. This compressor also comes with a 5-year warranty to ensure peace of mind for the consumer.

**5  
YEAR**

Warranty

On all  
Fixed Speed  
Air Conditioners



## Superfast Cooling with Lower Derating

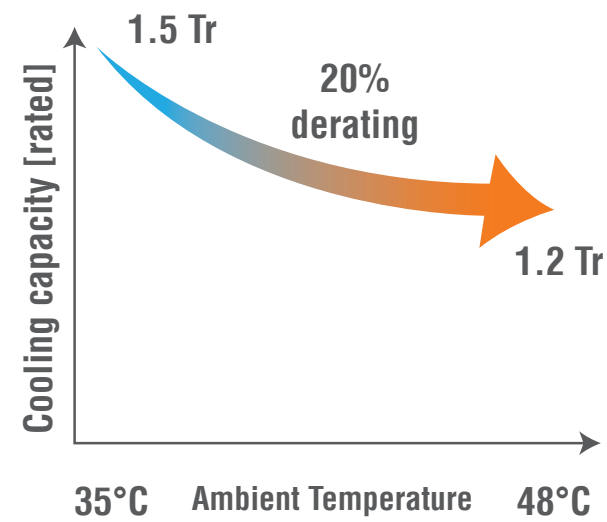
Derating is the process in which the cooling capacity of an air conditioner drops to prevent undue stress on the machine when external ambient temperatures rise. This varies according to the capacity of the air conditioner,

Some air conditioner manufacturers have machines rated as 1.5 Tr. However, in reality, their air conditioner, could be at a lower cooling capacity of 1.3 Tr.

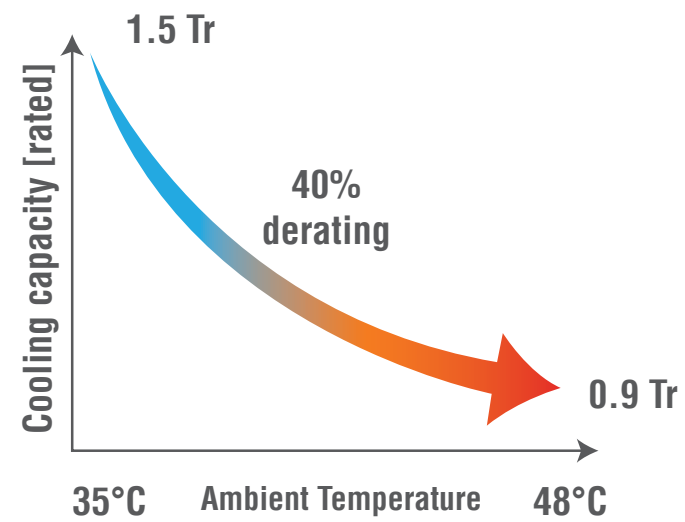
When external ambient temperatures rise, the cooling capacity of such a 1.3 Tr (rated 1.5 Tr) air conditioner further derates and it begins to behave like a 1 Tr air conditioner. On the other hand, a Godrej air conditioner derates by not more than 20% due to stringent quality norms. The air conditioner would behave like a 1.2 Tr air conditioner, even in temperatures as high as 48°C.

The air conditioner would continue to cool effectively without a significant impact on its performance.

### GODREJ AIR CONDITIONER - 1.5 Tr (Rated)



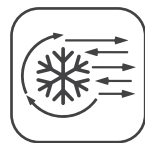
### COMPETITOR AIR CONDITIONER - 1.5 Tr (Rated)



### BENEFITS



Superfast cooling under most conditions



Minimal derating even at high ambient temperatures



Powerful cooling

## Fire Proof Metal Guard



Godrej Air Conditioners come with fire-proof metal guard for additional safety of electrical components in the Indoor unit as well as the outdoor unit. These metal guards reduce the risk of damage to the electrical components in the event of fire



Indoor unit metal casting



Outdoor unit metal casting

### BENEFITS



Safety



Fire Resistant



Protection Of Vital Parts

\*Images shown are for reference only, actual product may vary.

## R290 5.2 ISEER Inverter



GSC 18 EE 5 GWQG (1.5 Tr | 5 Star)

## R290 5-Star & 3-Star Inverter Copper Series



GIC 18NGC5-WUA (1.5 Tr | 5-star)



GIC 18IGC5-WUA (1.5 Tr | 5-star)



ELIMINATES  
99.9%+ VIRAL  
PARTICLES



GIC 12TGC5-WUA (1 Tr | 5 Star)  
GIC 18TGC3-WUA (1.5 Tr | 3-star)

Our 5.2 ISEER inverter air conditioners uses the world's greenest R290 hydrocarbon refrigerant technology. With a 10 year Inverter compressor warranty, they promise long-lasting superior performance that is eco-friendly and energy efficient.

Our R290 Inverter air conditioners use the world's greenest R290 hydrocarbon refrigerant technology. With a 100% copper condenser and 10 year Inverter compressor warranty, they promise long-lasting superior performance that is eco-friendly and energy efficient.

### FEATURES

- R290**  
Eco-Friendly Refrigerant
- Inverter**  
Technology
- Power Saving**
- 52°C**  
Heavy Duty Cooling at 52°C
- BLUE FIN**  
Anti-Corrosive Coating on Evaporator & Condenser
- Twin Rotary Compressor**
- Anti-Bacterial Filter**
- Smart Diagnosis**
- Evaporator Coil Sensor**
- AUTO BLOW**  
Anti-Microbial Self Cleaning
- Silent Operation**
- UPTO 25 METERS**  
Long Piping Flexibility
- 10 YEAR WARRANT**  
On Inverter Compressor

### FEATURES

- R290**  
Eco-Friendly Refrigerant
- Inverter**  
Technology
- 99.9% Virus Sterilization**
- Power Saving**
- 52°C**  
Heavy Duty Cooling at 52°C
- 100%**  
Copper Condenser & Connecting Pipe
- BLUE FIN**  
Anti-Corrosive Coating on Evaporator & Condenser
- Twin Rotary Compressor**
- 4 Way Swing**
- AUTO BLOW**  
Anti-Microbial Self Cleaning
- Anti-Dust Filter**
- Anti-Bacterial Filter**
- Active Carbon Filter**
- Smart Diagnosis**
- Evaporator Coil Sensor**
- Silent Operation**
- UPTO 25 METERS**  
Long Piping Flexibility
- 10 YEAR WARRANTY**  
On Inverter Compressor

\*Features may vary depending on model.



## R32 5-Star Inverter Copper Series



2 Tr

GIC 24ETC5-WTA (2 Tr | 5 star)

## R32 3-Star Inverter Copper Series



2 Tr

GIC 24ITC3-WTA (2 Tr | 3 star)  
GIC 18ITC3-WUA (1.5 Tr | 3 star)



GIC 18FTC3-WTA 2021 (1.5 Tr | 3 star)



GIC 18JTC3-WTA 2021 (1.5 Tr | 3 star)



NANO COATED ANTI-VIRAL FILTER

GIC 12TTC3-WUA (1 Tr | 3-star)



GIC 18NTC3-WUA (1.5 Tr | 3-star)

Our 5-star rated R32 Inverter ACs are powerful, energy efficient and eco-friendly. With a 100% copper condenser and 10-year Inverter compressor warranty, they promise long-lasting, superior performance.

### FEATURES

- R32 Eco-Friendly Refrigerant
- Inverter Technology
- Up to 25m Long & Wide Air Throw
- Power Saving
- Heavy Duty Cooling at 52°C
- Anti-Corrosive Coating on Evaporator & Condenser
- Anti-Microbial Self Cleaning
- Anti-Dust Filter
- Anti-Bacterial Filter
- Active Carbon Filter
- Smart Diagnosis
- Evaporator Coil Sensor
- Silent Operation
- 10 YEAR WARRANTY
- On Inverter Compressor

\*Features may vary depending on model.

### FEATURES

- R32 Eco-Friendly Refrigerant
- Inverter Technology
- Power Saving
- Heavy Duty Cooling at 52°C
- 100% Copper Condenser & Connecting Pipe
- Anti-Corrosive Coating on Evaporator & Condenser
- Anti-Corrosive Coating on Evaporator & Condenser\*
- 4 Way Swing
- Anti-Microbial Self Cleaning
- Anti-Dust Filter
- Anti-Bacterial Filter
- Active Carbon Filter
- Smart Diagnosis
- Evaporator Coil Sensor
- Silent Operation
- 10 YEAR WARRANTY
- On Inverter Compressor

\*Virus reduction measured on Nano Coated Filter surface by independent laboratory.  
\*Features may vary depending on model.  
\*Golden fin coating on evaporator and condenser only for F and J series  
\*1Tr - 3514 Watts

## R32 3-Star Fixed Speed Copper Series



GSC 18NTC3-WUA (1.5 Tr | 3-star)  
GSC 12NTC3-WUA (1 Tr | 3-star)



2 Tr

GSC 24ITC3-WUA (2 Tr | 3-star)  
GSC 18ITC3-WTA (1.5 Tr | 3-star)  
GSC 12ITC3-WUA (1 Tr | 3-star)

## R32 Fixed Speed Window Series



GWC 18DTC5-WUA (1.5 Tr | 5 star)



GWC 18UTC3-WSA (1.5 Tr | 3 star)

Our 3-Star rated R32 Fixed Speed Air Conditioners are powerful, durable and eco-friendly. With a 100% copper condenser and 5-year compressor warranty, they promise long-lasting performance.

### FEATURES



R32 Eco-Friendly Refrigerant



Power Saving



Heavy Duty Cooling at 52°C



Copper Condenser & Connecting Pipe



Anti-Corrosive Coating on Evaporator & Condenser



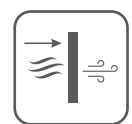
Anti-Microbial Self Cleaning



Anti-Dust Filter



Anti-Bacterial Filter



Active Carbon Filter



Smart Diagnosis



Evaporator Coil Sensor



Silent Operation



On Fixed Speed Compressor

Features may vary depending on model.

### FEATURES



R32 Eco-Friendly Refrigerant



Heavy Duty Cooling



Copper Condenser



Anti-Corrosive Coating on Evaporator & Condenser



Anti-Dust Filter



Sleep Mode



Smart Diagnosis



On Fixed Speed Compressor

Features may vary depending on model.

## Specifications

MODEL NO.	SERIES	R290 5.2 INVERTER SERIES		R290 5 STAR INVERTER SERIES	
	MODEL NO.	AC 1.5T GSC 18 EE 5 GWQG	AC 1.5T GIC 18NGCS-WUA	AC 1.5T GIC 18IGCS-WUA	
PERFORMANCE PARAMETERS	NOMINAL CAPACITY (T)	1.5	1.5	1.5	
	(RATED) VOLTAGE / FREQUENCY / PHASE	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase	
	COOLING CAPACITY (100%) (W)	5300	5050	5200	
	POWER INPUT (100%) (W)	1350	1500	1570	
	COOLING CAPACITY (50%) (W)	2650	2525	2600	
	POWER INPUT (50%) (W)	448	490	500	
	ISEER	5.25	4.54	4.53	
	STAR RATING	5	5	5	
	ELECTRICITY CONSUMPTION (1600 HOURS) UNITS PER YEAR	781.42	861.02	889.16	
	RUNNING CURRENT (AMPS)	6.5	6.9	7.1	
	AIR FLOW VOLUME (DRY CFM) (HIGH)	824	638.61	635.66	
	NOISE LEVEL INDOOR (HIGH/MEDIUM/LOW) in db(A)	49.2/44.2/40.9	51.5/48/46	46/44/42	
	MODES	COOL/AUTO/DRY/FAN/SLEEP/ECO/TURBO	COOL/AUTO/DRY/SLEEP/SAVER/TURBO	COOL/AUTO/DRY/FAN/SLEEP/ECO/TURBO	
	TURBO COOLING	YES	YES	YES	
	SLEEP MODE	YES	YES	YES	
TIMER ON / OFF	YES	YES	YES		
HORIZONTAL LOUVER / VERTICAL SWING	YES	YES	YES		
VERTICAL LOUVER / HORIZONTAL SWING	-	YES	-		
AUTO RESTART WITH MEMORY FUNCTION	YES	YES	YES		
FAN SPEED	HIGH/MED / LOW/AUTO / SILENT	HIGH/MED / LOW/AUTO	HIGH/MED / LOW/AUTO / SILENT		
BLOW / ANTI FUNGAL / SELF CLEAN	BLOW	BLOW	BLOW		
ANTI FREEZE THERMOSTAT	YES	YES	YES		
SELF DIAGNOSIS	YES (Error Codes)	YES (Error Codes)	YES (Error Codes)		
DISPLAY IN IDU	7 SEGMENT DISPLAY	HIDDEN DISPLAY	HIDDEN DISPLAY		
FILTER CONFIGURATION	ANTI BACTERIAL	ANTI DUST & ANTI BACTERIAL + CATECHIN + VITAMIN	ANTI DUST & CATECHIN + ACRO BACTERIUM + SILVER ION & ACTIVE CARBON + SILVER NANO		
EVAPORATOR FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS		
CONDENSER FINS	ALUMINIUM PFC WITH BARE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS		
EXPANSION DEVICE IN ODU	EEV	CAPILLARY	CAPILLARY		
REMOTE	LCD	LCD	LCD		
NIGHT GLOW FUNCTION ON REMOTE BUTTONS	YES	YES	-		
FRONT PANEL COLOUR	WHITE	WHITE	WHITE		
IDU DIMENSION (W X H X D) cm	1.07 m x 32.5 x 24.6	95 x 31.5 x 23.5	1m x 29.5 x 23		
INPUT POWER SUPPLY	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT		
NET WEIGHT IDU (Kg)	16.5	11	11		
ODU DIMENSION (W X H X D) cm	85 X 59 X 40	84 x 54 x 30	78.1 x 55.7 x 24.1		
NOISE LEVEL OUTDOOR in db(A)	60	62	60		
NET WEIGHT ODU (Kg)	30	33	29		
COMPRESSOR TYPE	TWIN ROTARY	TWIN ROTARY	TWIN ROTARY		
COMPRESSOR WARRANTY	10 YEAR	10 YEAR	10 YEAR		
ACOUSTIC JACKET ON COMPRESSOR	YES	YES	YES		
REFRIGERANT	R290	R290	R290		
MAX AMBIENT TEMP (COOLING) °C	52	52	52		
SUCTION TUBE SIZE OUTER DIAMETER INCH (mm)	1/2" (12.70)	1/2" (12.70)	1/2" (12.70)		
LIQUID TUBE SIZE OUTER DIAMETER INCH (mm)	1/4" (6.35)	1/4" (6.35)	1/4" (6.35)		
MAX PIPING CAPABILITY TOTAL (m)	25	25	25		
MAX PIPING CAPABILITY VERTICAL (m)	10	10	10		
REFRIGERANT ADDITIONAL CHARGE BEYOND 4m (g/m)	6	6	6		
COPPER PIPE (m)	5	3	3		
INTER CONNECTING CABLE (m)	5.3	3.5	3.5		

R290 5 STAR INVERTER SERIES	R290 3 STAR INVERTER SERIES	R32 5 STAR INVERTER SERIES	R32 3 STAR INVERTER SERIES
AC 1T GIC 12TGCS-WUA	AC 1.5T GIC 18TGCS-WUA	AC 2T GIC 24ETCS-WTA	AC 2T GIC 24ITCS-WTA
1	1.5	2	2
230V/50 Hz/1 Phase	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase
3450	5100	6400	6250
960	1810	1680	2050
1725	2550	3200	3125
350	610	640	800
4.57	3.74	4.73	3.74
5	3	5	3
584.46	1056.34	1048	1295
4.5	8	7.8	9.4
353.15	576.81	718	695
42/40/39	42/40/39	55/52/51	49/46/43
COOL/AUTO/DRY/FAN/SLEEP/ECO/TURBO	COOL/AUTO/DRY/FAN/SLEEP/ECO/TURBO	COOL/AUTO/DRY/FAN/SLEEP/ECO	COOL/AUTO/DRY/FAN/SLEEP/ECO
YES	YES	YES	YES
YES	YES	YES	YES
YES	YES	YES	YES
YES	YES	YES	YES
YES	YES	YES	YES
YES	YES	YES	YES
YES	YES	YES	YES
YES (Error Codes)	YES (Error Codes)	YES (Error Codes)	YES (Error Codes)
HIDDEN DISPLAY	HIDDEN DISPLAY	7 SEGMENT LED	HIDDEN DISPLAY
ANTI DUST + ACTIVE CARBON FILTER + NANO COATED	ANTI DUST + ACTIVE CARBON FILTER + NANO COATED	ANTI DUST + ACTIVE CARBON + ANTI BACTERIAL	ANTI DUST & CATECHIN + ACRO BACTERIUM + SILVER ION & ACTIVE CARBON + SILVER NANO
ANTIMIRAL FILTER	ANTIMIRAL FILTER		
HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS
COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS
CAPILLARY	CAPILLARY	CAPILLARY	CAPILLARY
LCD	LCD	LCD With Backlight	LCD With Backlight
-	-	YES	YES
WHITE	WHITE	WHITE	WHITE
84.9 X 28.9 X 21	97 x 30 x 31.2	1.07m x 32.5 x 24.6	1m x 29.5 x 23.0
INDOOR UNIT	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT
10	11.5	16	11
78 X 54.5 X 32	85.8 x 59.2 x 31.2	91 x 65 x 36.8	81 x 59.4 x 30
60	64	64	55
26	28.5	35	34
TWIN ROTARY	TWIN ROTARY	ROTARY	ROTARY
10 YEAR	10 YEAR	10 YEAR	10 YEAR
YES	YES	YES	YES
R290	R290	R32	R32
52	52	50	50
1/2" (12.70)	3/8" (9.52)	1/2" (12.70)	1/2" (12.70)
1/4" (6.35)	1/4" (6.35)	1/4" (6.35)	1/4" (6.35)
25	25	20	12
10	10	10	7
6	6	30	30
3	3	3.5	3
3.5	3.5	4	3.5



# Specifications

	SERIES	R32 3 STAR INVERTER SERIES		
	MODEL NO.	AC 1.5T GIC 18ITC3-WUA	AC 1.5T GIC 18ITC3-WTA 2021	AC 1.5T GIC 18ITC3-WTA 2021
PERFORMANCE PARAMETERS	NOMINAL CAPACITY (T)	1.5	1.5	1.5
	(RATED) VOLTAGE / FREQUENCY / PHASE	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase
	COOLING CAPACITY (100%) (W)	5250	5050	5050
	POWER INPUT (100%) (W)	1650	1785	1785
	COOLING CAPACITY (50%) (W)	2625	2525	2525
	POWER INPUT (50%) (W)	650	650	650
	ISEER	3.88	3.60	3.60
	STAR RATING	3	3	3
	ELECTRICITY CONSUMPTION (1600 HOURS) UNITS PER YEAR	1048	1086	1086
	RUNNING CURRENT (AMPS)	7.6	8.2	8.2
FEATURES	AIR FLOW VOLUME (DRY CFM) (HIGH)	635.663	434	434
	NOISE LEVEL INDOOR (HIGH/ MEDIUM / LOW) In db(A)	46/44/42	41/37.5/31.5	41/37.5/31.5
	MODES	COOL/AUTO/DRY/FAN/SLEEP/ECO/TURBO	COOL/AUTO/DRY/FAN/SLEEP/ECO	COOL/AUTO/DRY/FAN/SLEEP/ECO
	TURBO COOLING	YES	YES	YES
	SLEEP MODE	YES	YES	YES
	TIMER ON / OFF	YES	YES	YES
	HORIZONTAL LOUVER / VERTICAL SWING	YES	YES	YES
	VERTICAL LOUVER / HORIZONTAL SWING	NO	-	-
	AUTO RESTART WITH MEMORY FUNCTION	YES	YES	YES
	FAN SPEED	HIGH/ MED / LOW/ AUTO / SILENT	HIGH/ MED / LOW	HIGH/ MED / LOW
REMOTE	BLOW / ANTI FUNGAL / SELF CLEAN	BLOW	YES	YES
	ANTI FREEZE THERMOSTAT	YES	YES	YES
	SELF DIAGNOSIS	YES (Error Codes)	YES (Error Codes)	YES (Error Codes)
	DISPLAY IN IDU	HIDDEN DISPLAY	HIDDEN DISPLAY	HIDDEN DISPLAY
	FILTER CONFIGURATION	ANTI DUST & CATECHIN + ACRO BACTERIUM + SILVER ION & ACTIVE CARBON + SILVER NANO	ANTI DUST + ACTIVE CARBON + ANTI BACTERIAL	ANTI DUST + ACTIVE CARBON + ANTI BACTERIAL
	EVAPORATOR FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC GOLD FINS	HYDROPHILIC GOLD FINS
	CONDENSER FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE GOLD FINS	COPPER CONDENSER WITH ANTI CORROSIVE GOLD FINS
	EXPANSION DEVICE IN ODU	CAPILLARY	CAPILLARY	CAPILLARY
	REMOTE	LCD	LCD	LCD
	NIGHT GLOW FUNCTION ON REMOTE BUTTONS	NO	-	-
DIMENSIONS, WEIGHT & INPUT POWER SUPPLY	FRONT PANEL COLOUR	WHITE	WHITE	WHITE
	IDU DIMENSION (W X H X D) cm	1m x 29.5 x 23	95.7 x 30.2 x 21.3	95.7 x 30.2 x 21.3
	INPUT POWER SUPPLY	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT
	NET WEIGHT IDU (Kg)	11	11	11
	ODU DIMENSION (W X H X D) cm	78.1 x 55.7 x 24.1	88.5 x 55.4 x 33.3	88.5 x 55.4 x 33.3
	NOISE LEVEL OUTDOOR In db(A)	60	54	54
COMPRESSOR	NET WEIGHT ODU (Kg)	29	28	28
	COMPRESSOR TYPE	ROTARY	ROTARY	ROTARY
	COMPRESSOR WARRANTY	10 YEAR	10 YEAR	10 YEAR
	ACOUSTIC JACKET ON COMPRESSOR	YES	YES	YES
	REFRIGERANT	R32	R32	R32
	MAX AMBIENT TEMP (COOLING)°C	52	50	50
REFRIGERANT & AMBIENT OPERATIONS	SUCTION TUBE SIZE OUTER DIAMETER INCH (mm)	1/2" (12.70)	1/2" (12.70)	1/2" (12.70)
	LIQUID TUBE SIZE OUTER DIAMETER INCH (mm)	1/4" (6.35)	1/4" (6.35)	1/4" (6.35)
	MAX PIPING CAPABILITY TOTAL (m)	15	12	12
	MAX PIPING CAPABILITY VERTICAL (m)	10	7	7
	REFRIGERANT ADDITIONAL CHARGE BEYOND 4m (g/m)	30	12	12
	COPPER PIPE (m)	3	3	3
TUBE SIZE & PIPING CAPABILITY	INTER CONNECTING CABLE (m)	3.5	3.5	3.5
INSTALLATION KIT				

	R32 3 STAR INVERTER SERIES		R32 3 STAR FIXED SPEED SERIES		
	AC 1.5T GIC 18ITC3-WUA	AC 1T GIC 12ITC3-WUA	AC 2T GSC 24ITC3 WUA	AC 1.5T GSC 18ITC3-WTA	AC 1T GSC 12ITC3-WUA
	1.5	1	2	1.5	1
	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase
	5100	3500	6300	5200	3450
	1570	1175	1780	1485	985
	2550	1750	-	-	-
	620	470	-	-	-
	3.95	3.60	3.54	3.50	3.50
	3	3	3	3	3
	998.42	752.51	1377.91	1149.55	762.5
	7.2	5.3	8.2	6.8	4.5
	638.61	353.15	647.44	635.66	441.43
	53/48/46	42/40/39	49/46/43	49/46/43	48/46/43
	COOL/AUTO/DRY/FAN/SLEEP/E SAVER/TURBO	COOL/AUTO/DRY/FAN/SLEEP/ECO/TURBO	COOL/AUTO/DRY/FAN/SLEEP/ECO/TURBO	COOL/AUTO/DRY/FAN/SLEEP/ECO/TURBO	COOL/AUTO/DRY/FAN/SLEEP/ECO/TURBO
	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES
	HIGH/ MED / LOW/ AUTO	HIGH/ MED / LOW/ AUTO / SILENT	HIGH/ MED / LOW/ AUTO / SILENT	HIGH/ MED / LOW/ AUTO / SILENT	HIGH/ MED / LOW/ AUTO / SILENT
	BLOW	BLOW	BLOW	BLOW	BLOW
	YES	YES	YES	YES	YES
	YES (Error Codes)	YES (Error Codes)	YES (Error Codes)	YES (Error Codes)	YES (Error Codes)
	HIDDEN DISPLAY	HIDDEN DISPLAY	HIDDEN DISPLAY	HIDDEN DISPLAY	HIDDEN DISPLAY
	ANTI DUST FILTER & ANTI BACTERIAL + CATECHIN & VITAMIN (3 IN 1)	ANTI DUST + ACTIVE CARBON FILTER + NANO COATED ANTI VIRAL FILTER	ANTI DUST & CATECHIN + ACRO BACTERIUM + SILVER ION + ACTIVE CARBON + SILVER NANO	ANTI DUST & CATECHIN + ACRO BACTERIUM + SILVER ION + ACTIVE CARBON + SILVER NANO	ANTI DUST & CATECHIN + ACRO BACTERIUM + SILVER ION + ACTIVE CARBON + SILVER NANO
	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS
	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS
	CAPILLARY	CAPILLARY	CAPILLARY	CAPILLARY	CAPILLARY
	LCD	LCD	LCD	LCD	LCD
	YES	-	YES	YES	YES
	WHITE	WHITE	WHITE	WHITE	WHITE
	95 x 31.5 x 23.5	84.9 x 28.9 x 21	1m x 29.5 x 23	1m x 29.5 x 23	80 x 29.2 x 22.2
	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT
	11	10.2	12	11.5	9.3
	84 x 54 x 30	78 x 54.5 x 32	85 x 68.4 x 31	78.1 x 55.7 x 24.1	78.1 x 55.7 x 24.1
	62	60	60	60	60
	26.5	25.4	48	35	28.5
	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	10 YEAR	10 YEAR	5 YEAR	5 YEAR	5 YEAR
	YES	YES	-	-	-
	R32	R32	R32	R32	R32
	52	52	52	52	52
	1/2" (12.70)	3/8" (9.52)	5/8" (15.88)	1/2" (12.70)	1/2" (12.70)
	1/4" (6.35)	1/4" (6.35)	1/4" (6.35)	1/4" (6.35)	1/4" (6.35)
	12	15	15	15	15
	7	10	10	10	10
	30	30	30	30	30
	3	3	3	3	3
	3.5	3.5	3.5	3.5	3.5

## Specifications

MODEL NO.	SERIES	R32 3 STAR FIXED SPEED SERIES	
	MODEL NO.	AC 1.5T GSC 18UTC3-WUA	AC 1T GSC 12UTC3-WUA
PERFORMANCE PARAMETERS	NOMINAL CAPACITY (Tr)	1.5	1
	(RATED) VOLTAGE / FREQUENCY / PHASE	230V/50 Hz/1 Phase	230V/50 Hz/1 Phase
	COOLING CAPACITY ( 100% ) (W)	5200	3350
	POWER INPUT ( 100% ) (W)	1470	950
	COOLING CAPACITY ( 50% ) (W)	-	NA
	POWER INPUT ( 50% ) (W)	-	NA
	ISEER	3.54	3.53
	STAR RATING	3	3
	ELECTRICITY CONSUMPTION ( 1600 HOURS ) UNITS PER YEAR	1137.94	735.4
	RUNNING CURRENT (AMPS)	6.8	4.4
FEATURES	AIR FLOW VOLUME ( DRY CFM ) ( HIGH )	647.44	430.00
	NOISE LEVEL INDOOR ( HIGH / MEDIUM / LOW ) in db(A)	54/48/46	48/46/44
	MODES	COOL/AUTO/DRY/FAN/SLEEP/E SAVER/TURBO	COOL/AUTO/DRY/FAN/SLEEP/E SAVER/TURBO
	TURBO COOLING	YES	YES
	SLEEP MODE	YES	YES
	TIMER ON / OFF	YES	YES
	HORIZONTAL LOUVER / VERTICAL SWING	YES	YES
	VERTICAL LOUVER / HORIZONTAL SWING	-	NO
	AUTO RESTART WITH MEMORY FUNCTION	YES	YES
	FAN SPEED	HIGH / MED / LOW / AUTO	HIGH / MED / LOW / AUTO
REMOTE	BLOW / ANTI FUNGAL / SELF CLEAN	Blow	Yes
	ANTI FREEZE THERMOSTAT	Yes	Yes
	SELF DIAGNOSIS	YES (Error Codes)	YES (Error Codes)
	DISPLAY IN IDU	HIDDEN DISPLAY	HIDDEN DISPLAY
	FILTER CONFIGURATION	ANTI DUST FILTER & ANTI BACTERIAL + CATECHIN + VITAMIN (3 IN 1)	ANTI DUST & ANTI BACTERIAL + CATECHIN + VITAMIN
	EVAPORATOR FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS
	CONDENSOR FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS
	EXPANSION DEVICE IN ODU	CAPILLARY	CAPILLARY
	REMOTE	LCD	LCD
	NIGHT GLOW FUNCTION ON REMOTE BUTTONS	YES	YES
DIMENSIONS, WEIGHT & INPUT POWER SUPPLY	FRONT PANEL COLOUR	WHITE	WHITE
	IDU DIMENSION ( W X H X D ) cm	95 x 31.5 x 23.5	87.6 x 27 x 21
	INPUT POWER SUPPLY	INDOOR UNIT	INDOOR UNIT
	NET WEIGHT IDU (kg)	12	9
	ODU DIMENSION ( W X H X D ) cm	84 x 54 x 30	73 x 52.5 x 29.2
	NOISE LEVEL OUTDOOR in db(A)	63	62.5
	NET WEIGHT ODU (kg)	34	27
	COMPRESSOR TYPE	ROTARY	ROTARY
	COMPRESSOR WARRANTY	5 YEAR	5 YEAR
	ACOUSTIC JACKET ON COMPRESSOR	-	YES
COMPRESSOR	REFRIGERANT	R32	R32
	MAX AMBIENT TEMP (COOLING) °C	52	50
	SUCTION TUBE SIZE OUTER DIAMETER INCH ( mm )	1/2" (12.70)	1/2" (12.70)
	LIQUID TUBE SIZE OUTER DIAMETER INCH ( mm )	1/4" (6.35)	1/4" (6.35)
	MAX PIPING CAPABILITY TOTAL (m)	12	12
	MAX PIPING CAPABILITY VERTICAL (m)	7	7
	REFRIGERANT ADDITIONAL CHARGE BEYOND 4m (g/m)	30	30
	COPPER PIPE (m)	3	3
	INTER CONNECTING CABLE (m)	3.5	3.5
	INSTALLATION KIT		

## Specifications

MODEL NO.	SERIES	WINDOW AC - D SERIES	WINDOW AC - U SERIES
	MODEL NO.	AC 1.5T GWC 18UTC3-WUA	AC 1.5T GWC 18UTC3-WSA
PERFORMANCE PARAMETERS	NOMINAL CAPACITY (Tr)	1.5	1.5
	(RATED) VOLTAGE / FREQUENCY / PHASE	230V/50Hz/1 Phase	230V/50Hz/1 Phase
	COOLING CAPACITY ( 100% ) (W)	5025	5040
	POWER INPUT ( 100% ) (W)	1520	1635
	COOLING CAPACITY ( 50% ) (W)	-	-
	POWER INPUT ( 50% ) (W)	-	-
	ISEER	3.31	3.08
	STAR RATING	5	3
	ELECTRICITY CONSUMPTION ( 1600 HOURS ) PER YEAR	1176.64	1266
	RUNNING CURRENT (AMPS)	7.0	7.3
FEATURES	AIR FLOW VOLUME ( DRY CFM ) ( HIGH )	421	470
	NOISE LEVEL INDOOR ( HIGH / MEDIUM / LOW ) in db(A)	56/54/53	58/57/56
	MODES	COOL/AUTO/DRY/FAN/SLEEP/ECO	COOL/AUTO/DRY/FAN/SLEEP/ECO
	TURBO COOLING	YES	YES
	SLEEP MODE	YES	YES
	TIMER ON / OFF	YES	YES
	HORIZONTAL LOUVER / VERTICAL SWING	-	-
	VERTICAL LOUVER / HORIZONTAL SWING	YES	YES
	AUTO RESTART WITH MEMORY FUNCTION	YES	YES
	FAN SPEED	HIGH / MED / LOW	HIGH / MED / LOW
REMOTE	BLOW / ANTI FUNGAL / SELF CLEAN	-	-
	ANTI FREEZE THERMOSTAT	YES	YES
	SELF DIAGNOSIS	YES	YES
	DISPLAY IN IDU	7 SEGMENT LED	7 SEGMENT LED
	FILTER CONFIGURATION	DUST	DUST
	EVAPORATOR FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS
	CONDENSOR FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS	COPPER CONDENSER WITH ANTI CORROSIVE BLUE FINS
	EXPANSION DEVICE IN ODU	CAPILLARY	CAPILLARY
	REMOTE	LCD	NON LCD
	NIGHT GLOW FUNCTION ON REMOTE BUTTONS	YES	-
DIMENSIONS, WEIGHT & INPUT POWER SUPPLY	FRONT PANEL COLOUR	WHITE	WHITE
	DIMENSION ( W X H X D ) cm	66 x 43 x 77	66 x 43 x 66
	NET WEIGHT IDU (kg)	60	54
	NOISE LEVEL OUTDOOR in db(A)	60	62
	COMPRESSOR TYPE	ROTARY	ROTARY
	COMPRESSOR WARRANTY	5 YEAR	5 YEAR
	ACOUSTIC JACKET ON COMPRESSOR	-	-
	REFRIGERANT	R32	R32
	MAX AMBIENT TEMP (COOLING) °C	48	50

## Best-In-Class Service



### RATED NO.1 IN SERVICE - 2 YEARS IN A ROW

Godrej SmartCare garnered No. 1 rating in after-sales service - 2 years in a row, in an independent consumer survey in 2018 and 2019. This speaks volumes about the brand's stance and commitment towards delivering service excellence."



### WIDE NETWORK

Pan-India service presence, with over 680 Service centres and 4500 SmartBuddy technicians- Godrej Appliances has one of the widest service networks backed by a robust authorized spare parts dealer network as well.



### SERVICE AT YOUR CALL & THROUGH WHATSAPP

To ensure hassle-free service, our customer support Connect Centers remain open 24x7. The support team can be reached on 1800 209 5511 (toll-free) and is equipped to interact with customers in 14 languages. Bringing service at your fingertips, we are available on WhatsApp as well. Our customers can book or track service requests on WhatsApp (9321665511) and get the latest updates and notifications too. Our customers can also book and track service requests on godrejsmartcare.com or mail us at smartcare@godrej.com or stay connected with us through our Godrej SmartCare mobile app which can be downloaded from the playstore. Service visits can be scheduled till up to 9 pm. Service is also available on any day of the week including Sundays.\*



### GODREJ SMART MOBILE VANS

In our endeavour towards 1st time right service, over 185 Godrej Smart Mobile Service Vans have been deployed across the country. A first of its kind service initiative in the appliance industry, this mobile van is equipped with spare parts and generators. It offers services like repairing, route maintenance, installation, product demonstration and much more.



### COMPLETE SATISFACTION NUMBER

Godrej is the pioneer behind launching CSN (Complete Satisfaction Number), which enables the customer to rate the service offered, through a unique number. This continuous feedback medium helps us to keep improving and delighting our customers.



### DISHA (GODREJ VOCATIONAL TRAINING SCHOOLS)

Disha, the Godrej Vocational Training School was founded with the objective of imparting technical training to urban and rural youth, increasing the pool of trained service technicians. Here, one can learn refrigerator and air conditioning servicing skills. This initiative not only helps us serve our customers better but it is also Godrej's way of giving back to the society.

### DID YOU KNOW?

Getting critical parts like compressors and fan motors fixed by a local technician could dramatically reduce the life of the appliance.

Without proper maintenance, your annual electricity bill could go up significantly (as high as Rs.3000 for Air Conditioners). In addition, costs will have to be incurred towards maintaining the appliance.

Beware of spurious service centres and always use company authorised service centres.

Contact us at Godrej Authorised Service Toll Free: 18002095511

### GODREJ APPLIANCE PROTECTION PLAN

Our 'Appliance Protection Plan' gives you peace of mind and saves you from expensive bills, all at a cost of less than Rs.90 per month.

\*Sunday working and up to 9 pm service is available in select cities.  
\*\*Rated best in overall satisfaction for after-sales service twice in a row in an independent consumer survey in 2018 and 2019.

## Awards and Accolades



**BEE - National Energy Conservation Award 2017, 18 & 19**  
Awarded to Godrej Edge Pro as the 'Appliance of The Year' for three consecutive years



**CII - Exim Bank Award For Business Excellence 2019**  
Awarded By CII for being a Role-model Organisation



**Finalist, Global Cooling Prize**  
Rocky Mountain Institute in Association with Ministry of Science and Technology, GOI for Residential Air Conditioners



**Trusted Brand - Gold**  
2006, 07, 08, 09, 10, 12, 13, 15, 16, 17, 19  
Reader's Digest Awards Voted by Consumers



**CII - Platinum Plus Green company Rating system (Greenco) 2020**  
Awarded to Godrej Appliances Factories - Mohali and Shirwal



**Indian Green Building Council - Platinum Award 2019**  
Awarded to Godrej Appliances factory in Mohali



**India Design Mark 2019**  
Eon Allure Washing Machines



**Asia's Most Promising Brand**  
Validated by Consumers & Industry 2013, 14, 15, 16, 17



**India's Most Admired Brand White Page International 2017**



**Best Innovative New Cold Chain Technology Solution of the year 2017**



**National Energy Conservation Award 2016**  
2<sup>nd</sup> Prize Air Conditioner BEE, Ministry of Power Government of India



**Good Design Award 2016**  
Eon Frost Free Refrigerator and Eon Green Balance Air Conditioners By Japan Institute of Design Promotion (2016)



**Golden Peacock Eco-Innovation Award 2016**  
Green Balance Air Conditioners



**National Energy Conservation Award 2014, 15**  
1<sup>st</sup> Prize Refrigerator BEE, Ministry of Power Government of India



**National Energy Conservation Award 2015**  
2<sup>nd</sup> Prize Air Conditioner, Refrigerator BEE, Ministry of Power Government of India



**Responsible Export Organization**  
Certification administered by the Institute of Quality, Confederation of Indian Industry (CII)



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